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**Attachment 14
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Key Elements To Include In All Evaluated Exercises

Using the checklist verify your exercise scenario has included these "Key Elements."

The following elements are coded as "Biennial" in the objectives list. All objectives coded as such must be in the graded exercise.

Exercise Element	Included (Yes/No)
1. Event classification.*	Y
2. Timely notification of offsite authorities.*	Y
3. PAR development (development of PARs involving public EVACUATION or SHELTERING is required only in exercises that include a General Emergency).*	Y
4. Radiological assessment.	Y
5. Expected shift staff response to accident transients or other events that meet EAL criteria while implementing the Emergency Plan.	Y
6. ERO response and ERF activation following declared emergencies.	Y
7. Integration of licensee response with OROs to include briefings, coordination of worker protection, and, as appropriate to the scenario, coordination of public protective actions, Radiological Release monitoring, and offsite response to the site.	Y
8. Communications that support response between onsite and offsite ERFs.	Y
9. Dissemination of information to the public via media channels and press briefings.	Y
10. Development and implementation of radiological or physical protection (in response to Hostile Action) protective actions for onsite workers as appropriate to the scenario.	Y
11. Operational and engineering assessment of accident sequences.	Y
12. Accident mitigation through the simulated repair of equipment. This must include mechanical, electrical, or instrumentation and control activities. The scenario should be designed to allow some repairs to be successful, but must provide the opportunity to demonstrate mitigation planning and repair execution. Radiological control activities must support some repair teams.	Y

* Drill and exercise Program Performance Indicators.

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Checklist to Ensure Drill and Exercise Diversity

Using the sample checklist review the current scenario timeline/sequence of events against previously used scenarios (within the last two years) to ensure the scenarios are dissimilar to prevent pre-conditioning of the ERO. Attach objective evidence for each response.

Screening Question	Yes/No
1. Does the exercise scenarios include a wide spectrum of RADIOLOGICAL RELEASES and events under the provisions of 10 CFR Part 50, Appendix E, Section V.F.2.i?	Y
<p>Note</p> <p><i>Limited availability of ICs and EALs may not allow licensees to develop scenarios with wide variations. There may not be enough GEs to demonstrate in exercises without repeating GE EALs. However, there should be sufficient SAE EALs to meet the guidance. Document in the drill package your basis for repeating GE declarations.</i></p>	N
2. Has more than one EAL been shared with the previous exercise or any practice drills/exercises conducted in preparation for the current exercise?	
<p>Note</p> <p><i>Where the design of plant systems makes variation difficult, circumstances and timing may be changed to achieve the required variation (for example, a fire or explosion causes the failure rather than a random mechanical fault). Document in the drill package your basis for repeating failure mechanisms.</i></p>	Y
3. Has the equipment failure mechanisms used for reaching ICs been varied to the extent practical?	
<p>Note</p> <p><i>Some elements of a previous drill scenario could be reused in an exercise scenario without detracting from the performance enhancing experience, but the complete scenario should not be used. Document in the drill package your basis for repeating some elements.</i></p>	N
4. Has the same scenario for a biennial exercise been used within 2 years of prior use?	
5. Have scenario diversity issues been discussed with the NRC staff in advance of the transmittal?	N/A

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**Attachment 16
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Checklist For Scenario Submittal To NRC/FEMA For Review

Using the table, review each item for the exercise package prior to submitting to the NRC.

Facility: <u>SEQUOYAH</u>		Required By	Included
CHECK IF INCLUDED			
DIVERSITY REVIEW FOR PREVIOUS EXERCISE/DRILLS			
	Comparison to previous biennial exercise EALs and release pathways are different	NRC	<u>Y</u>
	Comparison to previous drills EALs and release pathways are different	NRC	<u>Y</u>
SCENARIO CONTENT FOR SUBMITTAL			
	Utility objectives/demonstration criteria for the exercise	NRC	<u>Y</u>
	Participating organizations	NRC	<u>Y</u>
	Specific exemptions or areas of simulation	NRC	<u>Y</u>
	Timeline and sequence of events	NRC	<u>Y</u>
	Simulator setup and control summary as appropriate	NRC	<u>Y</u>
	Participant messages	NRC	<u>Y</u>
	Onsite and offsite radiation survey data	NRC	<u>Y</u>
	Radiochemistry and effluent data	NRC	<u>Y</u>
	List of embedded functional drills (for example, communication, semiannual HP)	NRC	<u>Y</u>
	List of classifiable events; estimated initiating time, estimated classification and notification time	NRC	<u>Y</u>
	Anticipated protective action recommendations	NRC	<u>Y</u>

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Facility: <u>SEQUOYAH</u>		Required By	Included
CHECK IF INCLUDED			
I. PRE-EXERCISE AGREEMENTS AND EXERCISE BACKGROUND MATERIALS			
	1. Assessment areas to be demonstrated by designated State and local jurisdictions*	FEMA	N/A
	2. Pre-exercise agreements, including extent of play by assessment area*	FEMA	N/A
	3. Previous exercise evaluation report and related information on any technical issues*	FEMA	N/A
	4. Radiological portions (for example, emergency worker exposure limits, PAGs, air sampling procedures, dose calculation procedures, and so forth) of the most recent version of the State, local, and appropriate agency plans/procedures, including detailed and legible maps showing pre-selected reference points*	FEMA/NRC	Y
	5. NUREG-0654/FEMA-REP-1 cross-reference index to the State, local, and appropriate agency plans/procedures*	FEMA	N/A
* Indicates those items that FEMA Region(s) are responsible for providing to the scenario review contractor.			
II. SCENARIO INFORMATION – GENERAL			
	1. Utility/State/local scenario timelines	FEMA/NRC	Y
	2. All controller injects and messages with data in appropriate units, including those triggering the demonstration of specific technical objectives (any additional data or information needs will be identified during the detailed technical review)	FEMA/NRC	Y

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Facility:		Required By	Included
CHECK IF INCLUDED			
III. SCENARIO INFORMATION – RELEASE PARAMETERS			
	1. Potential-only or simulated release	FEMA	Y
	2. Either gross noble gas, gross radioiodine, and gross particulate release rate, or isotopic release rates. If gross release rates are given, the accident type must be stated. Isotopic release rates are required for post plume phase activities.	FEMA/NRC	Y
	3. Site characteristics and topography assumed to affect the dispersion	FEMA	Y
	4. Release point information (for example, height – elevation ground, or mixed)	FEMA	Y
	5. Time of reactor shutdown	FEMA	Y
	6. Start time and duration of release	FEMA	Y
	7. Meteorological data used	FEMA	Y
	8. Atmospheric mixing depth (if not provided, 1250 meters will be used by FEMA)	FEMA	Y
	9. Whether decay is or is not, included in the calculations	FEMA	Y
IV. SCENARIO INFORMATION – PLUME PHASE DATA			
	1. Centerline and isopleths of atmospheric dilution factors (X/Q) plotted on a map, including date and times of data values	FEMA	Y
	2. Direct radiation readings and locations	FEMA	Y
	3. Environmental samples – descriptions, locations, date, times, and results in appropriate units related to offsite instruments and procedures	FEMA	Y
	4. Radioiodine and particulate calculation results in appropriate units related to offsite instruments and procedures	FEMA	X

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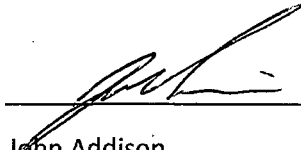
Facility:		Required By	Included
CHECK IF INCLUDED			
	5. Map(s) that are legible and detailed for the plume phase data with plume location plotted at selected time periods	FEMA	Y
	6. Estimated doses and exposure rates calculated along the plume centerline. If different models are used by the State and utility, included data for both	FEMA	Y
V. SCENARIO INFORMATION – INGESTION/RELOCATION PHASE DATA (See REP Manual Section I., Item Number 1.)			
	1. Centerline and isopleths of dilution fractions X/Q plotted on a map, including date and times of data values	FEMA	N/A
	2. Direct radiation readings and locations	FEMA	N/A
	3. Environmental samples – descriptions, locations, date, times, and results in appropriate units related to offsite instrument and procedures	FEMA	N/A
	4. Map(s) that are legible and detailed for the ingestion/relocation phase data with the deposition footprint locations indicated at selected time periods and results in appropriate units related to offsite instruments and procedures	FEMA	N/A
	5. Estimated doses calculated along the plume centerline for the ingestion/relocation Phase	FEMA	N/A
	6. Any planned inconsistencies between plume and ingestion/relocation data	FEMA	N/A

2016 SQN Graded Exercise NRC Submittal Package

Exercise Date

9/14/2016

Prepared by: _____


John Addison

Program Manager, Drills and Exercises

Reviewed by: _____


Zach Baze

Manager, SQN EP Program

Approved by: _____


Walter Lee

Director, Nuclear EP

2016 SQN Graded Exercise NRC Submittal Package

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Program Manager, Drills and Exercises

Reviewed by: _____

Zach Baze

Manager, SQN EP Program

Approved by: _____

Walter Lee

Director, Nuclear EP

Diversity Data

This report lists the timelines used in drills from the previous 2 years

2014 Graded Exercise:

Initial Conditions:

UNIT-1:

- U-1 at BOL.
- Wednesday dayshift

UNIT-2:

- U-2 is in NO MODE
- Shutdown 7 days ago and de-fueled 2 hours ago for reactor vessel work. Wafer valve is closed and the refuel floor activities in the Auxiliary Building are complete. Time to boil in the pool is 5.5 hrs. DT-6

COMMON:

N/A

Plant Time	Drill Time	Event	Response
0230	-0530	<p>A group of 8 terrorists land their boat near the edge of the woods by the cooling towers. The group makes their way from the woods to hide in the cooling tower structure. The men are armed and carrying backpacks filled with ammunition and explosives.</p> <p>The team calls their accomplices that are planning to hijack a plane to tell them they are ready. The plane crash will serve as a distraction for the attack.</p>	Unknown to players
0700	-0100	The men capture the outside AUO as he makes his rounds near the cooling towers. He is captured and the keys to his truck are taken.	Unknown to players

Diversity Data

This report lists the timelines used in drills from the previous 2 years

Plant Time	Drill Time	Event	Response
0800	0000	Drill Start	
0805	0005	<p>NRC notifies SQN of a credible threat against SQN. DM-4</p> <p>Conditions exist for a NOUE based on EAL 4.6:</p> <p>Confirmed SECURITY CONDITION or threat which indicates a potential degradation in the level of safety of the plant (1 or 2 or 3)</p> <ol style="list-style-type: none"> 1. A SECURITY CONDITION that does NOT involve a HOSTILE ACTION as reported by the Security Shift Supervisor. 2. A credible SQN security threat notification. 3. A validated notification from NRC providing information of an aircraft threat. 	<p>Shift Manager may staff the ERO and call for Assembly and Accountability at this time. Controller inject will delay this until the Alert DM-5.</p> <p>Shift Manager will contact the state to report the NOUE declaration. DM-6</p> <p>Shift Manager will contact the ODS. DM-7</p> <p>Shift Manager may review AOP-T.01 but will not enter.</p> <p>The NRC notifies all Nuclear Plants</p>
0825	0025	The NRC updates the threat to specifically be an aircraft threat. DM-8	All flights are systematically contacted to attempt to identify the plane.
0840	0040	<p>NRC contacts SQN notifying the site of an approaching large frame aircraft about 45 minutes from SQN. DM-9</p> <p>The plane is unresponsive to communications</p>	<p>The Shift manager will enter AOP-T.01 "Security Events". A continuous line of communications is maintained with the NRC.</p> <p>Fire Operations, Radiation Protection, Operations, and Security begin moving people to a safe location.</p> <p>Shift manager will direct a rapid evacuation of the site.</p> <p>The ERO will be directed to the alternate facility (SQN</p>

Diversity Data

This report lists the timelines used in drills from the previous 2 years

Plant Time	Drill Time	Event	Response
			<p>training center).</p> <p>Controller inject will ensure a rapid evacuation is directed and continued until completion. DM-10</p> <p>The following off-site agencies will be contacted:</p> <ul style="list-style-type: none"> • Soddy Daisy Fire • Hamilton County 911 • Off-site Law Enforcement (via Security) <p>The crew will begin a rapid shutdown of the Unit 1 Reactor, isolate the control room and start the diesel generators.</p>
0855	0055	<p>NRC informs SQN that the aircraft is 29 minutes from SQN. DM-11</p> <p>Conditions exist for an ALERT based on EAL 4.6:</p> <p style="padding-left: 40px;">HOSTILE ACTION within the OWNER CONTROLLED AREA or airborne attack threat: (1 or 2)</p> <ol style="list-style-type: none"> 1. A HOSTILE ACTION is occurring or has occurred within the OWNER CONTROLLED AREA as reported by the Security Shift Supervisor. 2. A validated notification from NRC of an airliner attack threat within 30 minutes of the site. 	<p>The Shift Manager/Site Emergency Director (SED) will notify the state of the Alert declaration. DM-12</p> <p>The following off-site agencies will be contacted again:</p> <ul style="list-style-type: none"> • Soddy Daisy Fire (1st ALARM RESPONSE) • Hamilton County 911(1st ALARM RESPONSE from Sale Creek, 2nd ALARM MUTUAL AID RESPONSE) • Law Enforcement (location of staging area and command post) <p>If not already done TEENS will be activated to instruct the ERO to the alternate facility.</p> <p>Operations will begin closure of the Unit 2 containment building (if people are available)</p> <p>Operators will trip Unit 1 reactor off-line if not already</p>

Diversity Data

This report lists the timelines used in drills from the previous 2 years

Plant Time	Drill Time	Event	Response
			<p>done.</p> <p>One Operator will be dispatched to the Diesel Generator Building to monitor the running diesels (if people are available).</p> <p>Operations will start a diesel fire pump and start emergency ventilation systems.</p>
0920	0120	NRC informs SQN that the aircraft is 5 minutes from SQN. DM-13	<p>Shift Manager announces to remaining site personnel to take cover and updates off-site personnel.</p> <p>One operator is dispatched to the Unit 1 turbine driven auxiliary feedwater pump in the Auxiliary building.</p> <p>Operations isolates containment.</p> <p>Sheriff reports to Security that an incident command post is established.</p>
0925	0125	<p>The aircraft flies low over the Operations and Power Stores (O&PS) building and strikes the security tower and fencing on the road</p> <p>The aircraft wing and engines impacts the Emergency Raw Cooling Water (ERCW) building. Upon impact at the ERCW building, the walls are breached and the 'B' header of the ERCW develops a leak. A large explosion and fire occurs from the igniting aircraft fuel. DT-1</p> <p>The rest of the plane crashes into the river.</p> <p>Conditions exist for a SAE based on EAL 4.6:</p>	<p>Operations enters AOP-N.01 "Plant Fires" based on reports from Security.</p> <p>Fire operations responds to the fire location from their staging area and immediately requests off-site assistance from the incident command post.</p> <p>Hamilton county 911 and Bradley county 911 centers begin receiving phone calls from citizens about the plane crash and fire. The wreckage is now in the river and residents are starting to respond.</p> <p>The CECC is fully staffed</p>

Diversity Data

This report lists the timelines used in drills from the previous 2 years

Plant Time	Drill Time	Event	Response
		<p>HOSTILE ACTION within the PROTECTED AREA.</p> <p>A HOSTILE ACTION is occurring or has occurred within the PROTECTED AREA as reported by the Security Shift Supervisor.</p>	<p>The Alternate Facility is fully staffed.</p> <p>Security notifies the Shift Manager, who is preparing to notify the state of the Site Area Emergency, that the site is in CODE RED (this requires site personnel to duck and cover). Operations enters another section of AOP-T.01 for hostile intruders.</p> <p>Security announces a site lock down "take cover"</p>
0928	0128	<p>One of the ERCW pumps P-B is lost due to the header failure.</p> <p>The group hiding at the cooling tower makes their way in the truck toward the protected area. The people in the bed of the truck are covered by a tarp.</p>	<p>Shift Manager secures the "B" diesel generator supplied by the leaking ERCW header.</p> <p>Security requests command post respond to protect the opening in protected area fencing and establish positive control of the OCA by LLEA on the outside.</p> <p>Security moves officers back into position</p>
0934	0134	<p>The adversaries crash their truck through the road barriers and fencing then make their way around the fuel storage site. DM-14</p> <p>Security engages the armed adversaries.</p> <p>Two Adversaries are neutralized at the truck.</p> <p>A Security Officer has been injured in fire-fight with a bullet wound to the right shoulder.</p>	<p>Security reports that a group of eight armed adversaries has penetrated the Protected Area on the Unit 2 side near the Cooling Towers (Zones 41-43).</p> <p>Security notifies the Incident Commander (at the Incident Command Post) of the attack and requests resources be sent to the access portal.</p>
0938	0138	<p>The six remaining armed adversaries leave the truck on foot.</p> <ul style="list-style-type: none"> Two adversaries are neutralized in route to 	<p>Security enters a CODE BLACK (This means that armed intruders are in the plant) and reports this to the Shift Manager</p>

Diversity Data

This report lists the timelines used in drills from the previous 2 years

Plant Time	Drill Time	Event	Response
		<p>the Unit 2 Turbine Building (They took cover under the RWST skirt).</p> <ul style="list-style-type: none"> Two adversaries are neutralized in route to the Unit 1 Auxiliary Building (at the Railroad Bay doors) The remaining two adversaries entered the Auxiliary Building through the railroad bay doors. <p>Security continues to engage armed adversaries inside the Railroad Bay.</p>	<p>Shift Manager/SED notifies the state of the SAE and of recent events. DM-15</p> <p>Off-site law enforcement arrives at the access portal and are issued dosimetry and teamed with Security Officers to respond to the attack.</p>
0950	0150	<p>An explosion is heard in Auxiliary Building. An explosive device is detonated on the outer wall of the spent fuel pool. The concrete and steel lining fails causing ~3500 gpm leak from the Spent Fuel Pool. Spent Fuel Pool level starts decreasing. DT-6</p> <p>As water level decreases over the next hour the radiation levels above the pool will increase.</p>	<p>Operations receives smoke alarms in the Auxiliary Building. (no fire) DM-16</p> <p>Field Reports (Security) reports a security officer has been injured by an explosion in the Auxiliary Building. The Officer has a broken leg with bleeding.</p>
0953	0153	<p>Unit 2 reports multiple smoke alarms in the area of the Aux building. DM-16</p> <p>Operations receives flooding alarms followed by a Spent Fuel condition alarm. DT-7</p>	<p>Field reports (Security) reports a large amount of water entering the Cask Decon Collector Tank room near the last location of the adversaries. DT-7</p> <p>Expected Response:</p> <ul style="list-style-type: none"> Operations requires a team to investigate the Spent Fuel Pool level and trend. Fire Operations needs additional resources to address the fire emergency at the ERCW building. DT-1, DM-17, DM-19 Medical assistance is needed for the Officer

Diversity Data

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Plant Time	Drill Time	Event	Response
			<p>shot in the shoulder outside, an Officer shot in the leg and one shot in the arm in the Auxiliary Building, and an Officer with the bleeding leg fracture in the Auxiliary Building. DT-2,3,4,5, DM-17, DM-18</p> <p>Casualty numbers from the plane crash have not yet been determined. Bodies are seen floating in the river.</p>
1020	1020	<p>Sump alarms begin to come in a building flooding occurs. DT-7</p> <p>Security reports that the adversaries at the Unit 2 RWST have backpacks and that they were neutralized while taking cover under the tank skirt. The contents of the backpacks are unknown. The Unit 2 RWST level is ~27% (see drill task). DM-20</p> <p>LLEA reports finding the outside AUO fatally shot on the road to the cooling tower lift pumps. DM-21</p>	<p>Expected Response:</p> <ul style="list-style-type: none"> The Incident Commander requests a bomb squad investigate the backpacks by the Unit 2 RWST Another team will be needed to clear the Auxiliary building. A team needs to be dispatched to prepare to align an alternate source of water to the spent fuel pool. DT-8
~1120		<p>Dose rates above the pool reach a maximum of ~5400 R/hr as the water level reaches the 702' elev (location of the hole - <u>not known to any player</u>). Evaporation becomes the only way to reduce level further.</p> <p>Because the lowest level in the room is elevation 669 it would have to be assumed that the hole could be at that level. The doors between the flooding room and the Auxiliary Building are open and water flows into the lower elevations of the Building. DT-7</p>	<p>The SED declares a General Emergency based on the imminent damage of the spent fuel. DM-22</p> <p>The level will stop near the top of fuel. Enough to raise radiation levels above the pool but not enough near the pool to prevent aligning alternate water sources.</p> <p>The state will be notified of the GE and a PAR issued.</p> <p>If the controllers do not observe the team discussing the impact of the bombs at the RWST exploding then they will inject questions to start the conversation of how to deal</p>

Diversity Data

This report lists the timelines used in drills from the previous 2 years

Plant Time	Drill Time	Event	Response
		<p>The dose rates near the pool are elevated due to shine from the ceiling.</p> <p>When it is determined that the spent fuel pool is lowering <u>and</u> may uncover irradiated fuel then the conditions for a General Emergency are met:</p> <p style="padding-left: 40px;">HOSTILE ACTION Resulting in Loss of Physical Control of the Facility: (1 or 2)</p> <p style="padding-left: 80px;">1. A HOSTILE ACTION has occurred such that plant personnel are unable to operate equipment required to maintain CRITICAL SAFETY FUNCTIONS.</p> <p style="padding-left: 80px;">2. A HOSTILE ACTION has caused failure of Spent Fuel Cooling Systems and IMMINENT fuel damage is likely for a freshly off-loaded reactor core in pool.</p> <p>PAR Recommendation 3 (SHELTER all sectors, CONSIDER issuance of Potassium Iodide in accordance with the State Plan.)</p>	with a water release to the river. DM-23
1300	0500	Exercise is terminated DM-25	

- EALs are different
- No radioactive release

Diversity Data

This report lists the timelines used in drills from the previous 2 years

October 2015:

UNIT-1:

- 100% power for last 200 days. The core is at MOL. The Boron concentration is 795 ppm.
- A Thunderstorm watch has been issued for Eastern Tennessee, including north Hamilton, Rhea and Meigs Counties 1 hour ago and will be in effect until 13:00.

UNIT-2:

100% power. The core is at BOL. The Boron concentration is 1194 ppm. There is 1183 MWD/MTU or 30 EFPD.

Events:

Plant Time	Drill Time	Event
08:00	00:00	Start
08:15	00:15	<p>Personnel moving Nitrogen bottle damage the Unit 1 RWST. The RWST is punctured and begins leaking water.</p> <p>Alert conditions exist based on EAL:</p> <p style="padding-left: 40px;">a) 5.3 "Aircraft or PROJECTILE impacts (strikes) any plant structure listed in Table 5-1 resulting in VISIBLE DAMAGE". [<i>Primary</i>]</p> <p style="padding-left: 40px;">b) 4.2 "Explosion in any area listed in Table 4-1.</p> <p>Operations should begin to shutdown the U-1 reactor.</p>
08:27	00:27	Turbine Building oil sump level high alarm. (This is a false alarm)
08:30	00:30	A report is received from the CECC that 30 sirens within the SQN 10 mile EPZ are not responding.
08:55	00:55	Some fuel pin damage occurs
09:45	01:45	<p>A tornado strikes the site and damages the 500 KV and 161 KV yards. All off site power is lost.</p> <p>Power is also lost at the CECC.</p> <p>The 1A DG fails to start.</p> <p>The U-2 2B DG fails to start.</p> <p>The 1B Shutdown has a differential fault.</p> <p>Additionally Steam Generator (S/G) #1 develops a small tube leak.</p>

Diversity Data

This report lists the timelines used in drills from the previous 2 years

		The S/G PORVs are open cooling the reactor. Consequently, a release of radioactivity begins to the environment. This release is too small to notice during the loss of power and instrumentation.
10:00	02:00	<p>Site Area Emergency conditions exist based on EAL:</p> <p>3.1 "Loss of all offsite and all onsite AC power to either unit for > 15 Minutes".</p> <p><i>SM may determine that due to the safety concerns related to dispatching people outside to investigate the 1A diesel that General Emergency should be declared now. The PAR will be the same as listed at the GE (11:15)</i></p>
~10:45	~02:45	The 1A DG may be started if efforts were made to repair it.
~11:15	~03:15	<p>The 1A DG has a lube oil failure. The plant is once again without any AC power and estimates for getting any AC power restored from any source will exceed four hours.</p> <p>General Emergency Conditions exist for based on EAL</p> <p>3.1 "Prolonged loss of all offsite and all onsite AC power to either unit".</p> <p>PAR: Recommendation 2, sectors: A-1, B-1, C-1, D-1, A-2, B-2 <i>(Not counted for PI)</i></p>
12:00	04:00	Drill terminated

- EALs are different
- No radioactive release

Diversity Data

This report lists the timelines used in drills from the previous 2 years

July 2016:

Initial Conditions:

UNIT-1:

- 100% power for last 200 days.
- 1B SI pump is out of service due to replacement of the motor.
- 1B Boric Acid transfer pump is out of service.
- A 0.5 gpm reactor coolant leak from the 68-563 pressurizer safety relief valve to the PRT is in progress.
- PDIC-65-80 is out of service. (EGTS)

UNIT-2:

- 100% power for last 20 days.

Plant Time	Drill Time	Event
0745	-0015	Acquire SM approval to commence REP Drill.
0800	0000	Start (A CCP must be running)
0805	0005	<p>A steam explosion (reported as an explosion by RP personnel) occurs on the 1A main feedwater pump destroying the lube oil piping and causing a fire and oil leak that is spraying on the lower elevation.</p> <p>The oil leak causes a trip of the 1A main feed water pump requiring a manual runback.</p> <p>The steam leak isolates when the feed pump trips.</p> <p>This fire prevents the normal path used in staffing the TSC.</p>
0810	0010	<p>An AUO or fire OPS responding to the feed pump trip reports a fire in progress on the feedpump and on the elevation below (if the oil system is running then report that the oil spray is feeding the fire).</p> <p>The fire pump will start but the suppression system on the feedpump has been damaged such that the water is not spraying on the fire.</p>
0820	0020	<p>NOUE based on EAL4.2</p> <p>UNPLANNED EXPLOSION within the PROTECTED AREA (Figure 4-A) resulting in VISIBLE DAMAGE to any permanent structure or equipment.</p> <p>OR</p>

Diversity Data

This report lists the timelines used in drills from the previous 2 years

Plant Time	Drill Time	Event
		EAL 4.4 Safe operations impeded due to access restrictions caused by TOXIC GAS or smoke concentrations within a facility structure listed in Table 4-2.
0830	0030	An unisolable leak occurs on the control air header.
0840	0040	<p>Feed-Reg valves on both units begin to close due to the loss of air.</p> <p>Steam Generator levels on both units lower to the reactor trip setpoint and a valid trip signal is generated.</p> <p>The reactor fails to trip in automatic and in manual on unit 1.</p> <p>AUO's are dispatched to open breakers on unit 1.</p> <p>The reactor does trip on unit 2 and the AFW system restores steam generator levels.</p> <p>The EHC piping to a unit 2 reheat – stop and intercept valve (north side of the 'A' LP Turbine) fails on the turbine trip and is spraying EHC oil.</p>
0846	0046	<p>The AUO take ~ 6 minutes to get to the breakers due to the fire. (timed based on actual response)</p> <p>SAE based on EAL 2.3:</p> <p style="padding-left: 40px;">Reactor power > 5% and not decreasing after VALID auto and manual trip signals.</p> <p>When the TSC and OSC are staffed then the fire is out.</p>
0903	0103	The 1A CCP pump shaft shears. When the 1B CCP is started it trips on over current
~0925	~0125	When 30 minutes has elapsed from the assembly and accountability alarm security notes that one person is unaccounted for. The search discovers an injured person.
0949	0149	The RCS leak from the safety valve worsens.
~1000	0200	<p>A phase 'A' isolation occurs and the EGTS system starts. PDIC-65-82 malfunctions and diverts all EGTS fan exhaust air back to the annulus.</p> <p>The manual SI switch on 1-M-4 fails</p> <p>The 1A train SI reset switch 1-M-6 fails</p>
~1005	0205	When containment pressure equals 2.8 psi The 1A Containment Spray pump overcurrent trips and the 1B Containment Spray pump' shaft

Diversity Data

This report lists the timelines used in drills from the previous 2 years

Plant Time	Drill Time	Event
		<p>shears.</p> <p>AT 4 psid in the unit 1 containment the containment ruptures into the annulus.</p> <p><i>The rise in containment pressure will slow and begin to lower as the annulus pressurizes. It will take approximately 7 minutes before a clear lowering trend is presented. The indicated containment pressure will approach zero.</i></p>
~1015	0215	<p>A GE should be declared based on:</p> <p>1.1.5L VALID reading of greater than: 2.5E+02 R/hr on RM-90-271A and -272A</p> <p>OR</p> <p>1.5E+02 R/hr on RM-90-273A and 2.1E+02 R/hr on RM-90-274A</p> <p>AND</p> <p>1.2.2L RCS leak results in subcooling <40 °F as indicated on XI-94-101 or 102 (EXOSENSOR)</p> <p>AND</p> <p>1.3.2L Rapid unexplained pressure decrease following initial increase on PDI-30-44 or 45</p> <p>OR</p> <p><u>Containment pressure or sump level not increasing on LI-63-178 and 179 with a LOCA in progress</u></p> <p>OR</p> <p>1.3.2P Containment pressure >2.8psid with < one full train of containment spray in service.</p> <p>PAR Recommendation 3 "EVACUATE THE 2 MILE RADIUS (A-1, B-1, C-1, D-1) and SHELTER 5 MILES DOWNWIND (C-2, D-2). Consider issuance of POTASSIUM IODIDE in accordance with the State Plan."</p>
1045	0245	<p>PAR evaluation due to wind change – PAR Recommendation 3 "SHELTER 5 MILES DOWNWIND (B-2, B-5).</p>

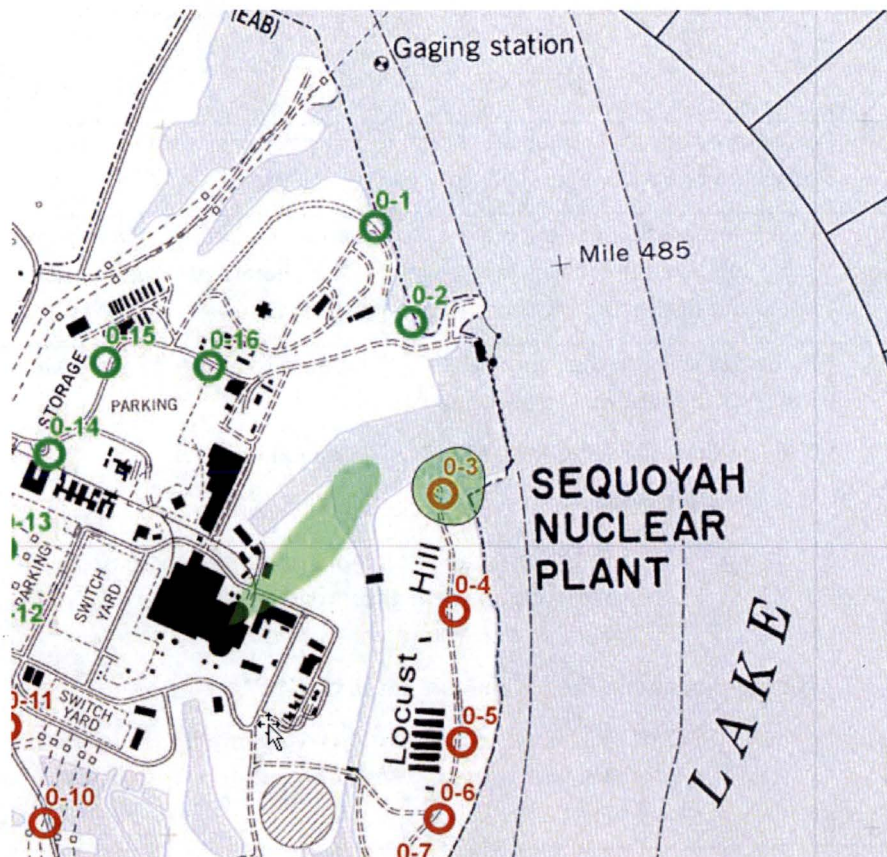
Diversity Data

This report lists the timelines used in drills from the previous 2 years

Plant Time	Drill Time	Event
~1100	0300	The annulus ruptures into the west valve vault room. As annulus pressure decreases the indicated containment pressure increases even though the actual pressure is decreasing. No PAR Upgrade at this time, release rates are well below limits.
1200	0400	Drill is terminated

Two parts of the GE EAL matrix are common to the GE.

- The radioactive release is as below at the end of the drill:



Diversity Data

This report lists the timelines used in drills from the previous 2 years

June 2015:

Initial Conditions:

UNIT-1:

- 100% power for last 200 days.
- 1B Auxiliary Feedwater (AFW) Pump is O.O.S. for repairs due to having tripped during PM 018801000. The crew is in the process of writing and placing a clearance. Thirty minutes ago, Unit 1 entered LCO 3.7.1.2.a; a 72 hour action statement. (Ref. Blue Green Turnover Drill Participants Pkg r0.doc)
- 1B Generator Bus Duct cooling fan is out of service due to high vibrations
- SI-CEM-000-050.2, Primary Gross Activity and Dose Equivalent I-131 Req and TI-CEM-000-001.3 Primary Chemistry Specifications are active. Chemistry and Radiation protection are about to enter the Hot Sample room to obtain a sample.
- AOP-R.06, High RCS Activity, has been reviewed and awaiting Chemistry results

UNIT-2:

- 100% power for 15 days following a refueling outage.

COMMON:

Events:

Plant Time	Drill Time	Event
0800	00:00	Start (previous shift requested unit 1 RCS chemistry samples be evaluated based on radiation level changes)
0802	00:02	Unit 1 receives a loose parts alarm followed immediately by increasing radiation levels in the Hot Sample room. The Chemistry sample team backs out of the room without drawing the sample.
0805	00:05	<p>Radiation levels in the room (RM 90-7) increase to exceed the threshold for a NOUE followed closely by an Alert.</p> <p>The conditions are met for a NOUE based on EAL 7.3:</p> <p style="padding-left: 40px;">UNPLANNED increase in radiation levels within the facility.</p> <p style="padding-left: 80px;">A VALID area radiation monitor reading increases by 1000 mrem/hr over the highest reading in the past 24 hours excluding the current peak value.</p> <p>The conditions are met for an Alert based on EAL 7.3:</p> <p style="padding-left: 40px;">UNPLANNED increases in radiation levels within the facility that impedes safe operations or establishment or maintenance of cold shutdown. (1 or 2):</p>

Diversity Data

This report lists the timelines used in drills from the previous 2 years

Plant Time	Drill Time	Event	
		1. VALID area radiation monitor readings or survey results exceed 15 mrem/hr in the control room or CAS. OR 2. (a and b): a. VALID area radiation monitor readings exceed values listed in Table 7-2. b. Access restrictions impede operation of systems necessary for safe operation or the ability to establish cold shutdown.	
0830	00:30	<p>An earthquake shakes the site and the following results:</p> <ul style="list-style-type: none"> • ERCW pump QA trips • CCW Pump 1B trips • TDAFW pump mechanical over speed trips (not running yet) • 1A Generator bus duct cooling fan trips requiring an emergency power reduction via AOP-C.03 at 4% per minute. <p>AOP-N.05 "earthquake" is entered</p> <p>The conditions are met for another ALERT based on EAL 5.1:</p> <p>Earthquake detected by site seismic instrumentation. (1 and 2):</p> <p>1. Panel XA-55-15B alarm window 30 (E-2) plus window 22 (D-1) activated.</p> <p>2. (a or b)</p> <p> a. Ground motion sensed by plant personnel.</p> <p> OR</p> <p> b. National Earthquake Information Center at 1-(303) 273-8500 can confirm the event.</p>	<p>Unit 2:</p> <p>Booster pump 2A trips. The unit is 100% and stable.</p>
0926	01:26	<p>An aftershock is felt which causes:</p> <ul style="list-style-type: none"> • SGTR on the #1 steam generator • A complete failure of the waste gas decay tank header empties the entire contents of several tanks. • 1A AFW pump has a large crack/small leak on its discharge pipe. 	<p>Unit 2 trips off-line due to the aftershock.</p>

Diversity Data

This report lists the timelines used in drills from the previous 2 years

Plant Time	Drill Time	Event
		A reactor trip and Safety Injection signal will be manually inserted due to the SGTR.
~0941	~01:41	<p>Conditions are met for a SAE based on 7.1:</p> <p>7.1 EAB dose resulting from an actual or imminent release of gaseous radioactivity >100 mrem TEDE or >500 mrem thyroid CDE for actual or projected duration of release. (1 or 2 or 3):</p> <p>1. A VALID rad monitor reading > Table 7-1 values under Site Area for > 15 min, unless assessment within that 15 min confirms that the criterion is not exceeded.</p> <p>OR</p> <p>2. Field surveys indicate >100 mrem/hr gamma or an I-131 conc of $3.9E-07 \mu\text{Ci}/\text{cm}^3$ at the EAB (Fig. 7-A).</p> <p>OR</p> <p>3. Dose assessment results indicate EAB dose >100 mrem TEDE or >500 mrem thyroid CDE for actual or projected duration of the release (Fig. 7-A).</p>
0953	01:53	The crack on AFW pump 1A opens up and leaks so much that no water is able to pumped into the steam generators.
1027	02:27	<p>The atmospheric dump on the #1 steam generator (PCV 1-5) fails full open.</p> <p>SAE for loss of two barriers (FS1) if not declared earlier, based on:</p> <p>SGTR that results in a Safety Injection actuation</p> <p>OR</p> <p>Entry into E-3</p> <p>AND</p> <p>RUPTURED S/G that is also faulted outside containment (E2 and E3)</p>
~1030	~02:30	<p>The reactor is cooled down and depressurized in an attempt to stop the leak. Because all AFW flow is lost the water level in steam generator #1 is the only thing keeping the crew from entering FR-H.1 and declaring a GE. This is because both the RCS and containment barriers are lost.</p> <p>Dependent upon the decay heat load the reactor will settle on a pressure above the steam generator and may feed enough water through the rupture to keep enough level to prevent GE entry.</p>

Diversity Data

This report lists the timelines used in drills from the previous 2 years

Plant Time	Drill Time	Event
		<p>The radioactive release is not high enough to cause entry into a GE.</p> <p>During validation at this time the #1 steam generator level decreased to below the threshold to enter FR-H.1 "Loss of Secondary Cooling".</p> <p>The conditions are met for a GE based on EAL FG1:</p> <p style="padding-left: 40px;">Heat Sink RED (FR-H.1) and RHR Shutdown Cooling not in service</p> <p style="text-align: center;">OR</p> <p style="padding-left: 40px;">RCS sample activity is greater than 300 $\mu\text{Ci/gm}$ dose equivalent I131</p> <p style="text-align: center;">AND</p> <p style="padding-left: 40px;">SGTR that results in a Safety Injection actuation</p> <p style="text-align: center;">OR</p> <p style="padding-left: 40px;">Entry into E-3</p> <p style="text-align: center;">AND</p> <p style="padding-left: 40px;">RUPTURED S/G that is also faulted outside containment (E2 and E3)</p> <p>For PARs see section 5.</p>
1130	0330	<p>The following teams will be allowed to be successful if their controllers deem them worthy based on their efforts:</p> <ul style="list-style-type: none"> • Aligning condensate to the steam generators
11:45	0345	<p>The following teams will be allowed to be successful if their controllers deem them worthy based on their efforts:</p> <ul style="list-style-type: none"> • Repairing the overspeed trip mechanism on the TD AFW pump. • Manual isolation of PCV 1-5
1200	04:00	Drill is terminated

- The EALs are different.

Diversity Data

This report lists the timelines used in drills from the previous 2 years

- The radioactive release at the end of the drill:



Diversity Data

This report lists the timelines used in drills from the previous 2 years

March 2015:

Initial Conditions:

UNIT-1:

- 100% power for the last 400 days. The core is at EOL. The Boron concentration is 6 ppm.
- 1B Centrifugal Charging pump (CCP) is O.O.S. for repairs due to a leaking lube oil cooler. 60 hours left in the 72 hour LCO

UNIT-2:

- 100% power

Plant Time	Drill Time	Event
0730	0000	Start
0735	0005	An explosion is reported by a maintenance worker near the Unit 2 PWST. An air compressor tank over pressurized and exploded causing a large piece of metal to create a hole at the top of the Unit 2 PWST.
0750	0020	A NOUE is declared based on the explosion
0800	0030	Start rad and MET files. All drill time tracking in files will begin now.
0805	0005	RCS leak (1% break on loop 1 cold leg)
0806	0006	<p>Operations maximizes charging flow with the one available CCP, but determines the RCS leak exceeds the capacity of one charging pump in normal alignment and loss of PZR level is imminent. The reactor is tripped and an SI is initiated</p> <p>An ALERT "FA1" is declared based on:</p> <p style="padding-left: 40px;">EAL 1.2.2L "RCS leak results in subcooling <40 °F as indicated on XI-94-101 or 102 (EXOSENSOR)"</p> <p style="text-align: center;">Or</p> <p style="padding-left: 40px;">EAL 1.2.2P "Non Isolatable RCS leak exceeding the capacity of one charging pump in the normal charging alignment"</p>
0808	0008	<p>A phase "B" isolation occurs when the Containment pressure exceeds 2.8 psig.</p> <p>Air Return Fan "A" failed to start.</p>

Diversity Data

This report lists the timelines used in drills from the previous 2 years

Plant Time	Drill Time	Event
0850	0050	<p>As containment pressure decreases the containment spray pumps are secured. After the containment spray pumps are secured the 1% cold break becomes a 100% break. Some fuel clad damage occurs.</p> <p>When sump recirculation is required for ECCS pump operation due to low RWST level, neither of the sump suction valves (1-FCV-63-72, 73) will open remotely.</p> <p>All of the ECCS pumps and CS pumps are placed in pull to lock when the RWST reaches 8% level.</p> <p>A SAE "FS1" is declared based on:</p> <p style="padding-left: 40px;">EAL 1.3.2P "Pressure > 2.8 psig (phase B) with < one full train of containment spray" or EAL 1.1.1P "Core Cooling Orange (FR-C.2)" or 1.1.4P "VALID RVLIS level <42% on LI-68-368 or LI-68-371 with no RCP running"</p> <p style="padding-left: 40px;">And</p> <p style="padding-left: 40px;">EAL 1.2.2L "RCS leak results in subcooling < 40°F as indicated on XI-94-101 or 102" or 1.2.4L "VALID RVLIS level <42% on LI-68-368 or LI-68-371 with no RCP running"</p>
~0940	~0140	<p>After the RVLIS level has decreased below 42% the incore temperatures begin a rapid increase (may be cyclic).</p> <p>Additional fuel damage begins to occur.</p> <p>A GE "FG1" is declared based on:</p> <p style="padding-left: 40px;">EAL 1.1.5L "Valid reading greater than 150 R/hr on 1-RE-90-273A and 210 R/hr on RM-90-274A" or 1.1.1L "Core Cooling Red (FR-C.1)" or 1.1.3L "Greater than 1200 °F on XI-94-101 or 102 (EXOSENSOR)"</p> <p style="padding-left: 40px;">And</p> <p style="padding-left: 40px;">EAL 1.2.2L "RCS leak results in subcooling < 40°F as indicated on XI-94-101 or 102" or 1.2.4L "VALID RVLIS level <42% on LI-68-368 or LI-68-371 with no RCP running"</p> <p style="padding-left: 40px;">And</p> <p style="padding-left: 40px;">EAL 1.3.2P "Pressure > 2.8 psig (phase B) with < one full train of containment spray" or 1.3.1P "Actions of FR-C.1 (Red Path) are INEFFECTIVE (i.e.: core TCs trending up)"</p>

Diversity Data

This report lists the timelines used in drills from the previous 2 years

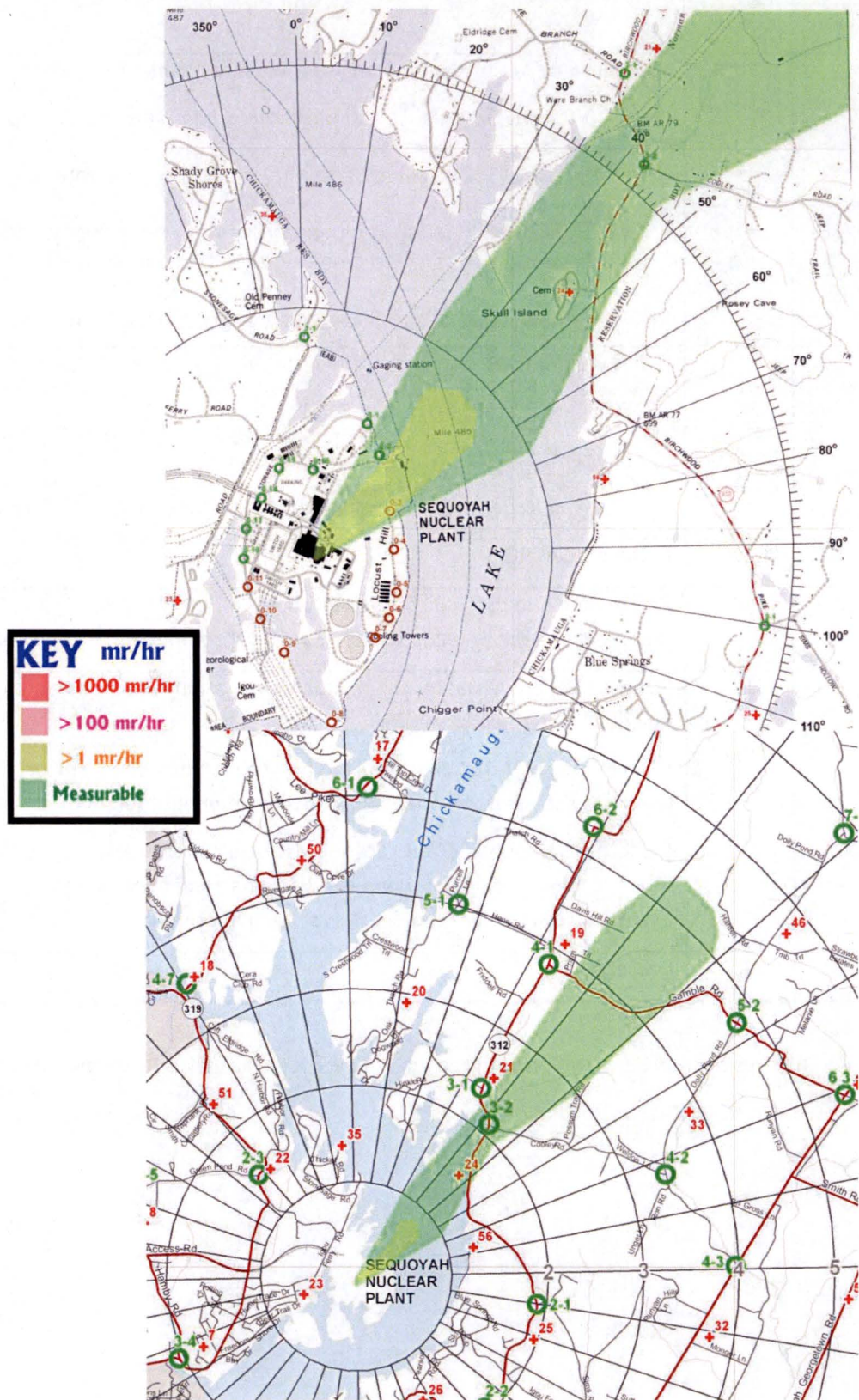
Plant Time	Drill Time	Event
		<p>The following items malfunction <u>if</u> the TSC directs their operation:</p> <ul style="list-style-type: none"> • FCV-62-93 fails closed preventing pumping the VCT to the RCS. • FCV-62-132A fails closed after closing on the safety injection signal. • FCV-62-138 is failed closed preventing emergency boration. • FCV-62-144 is failed closed preventing aligning primary water. • 1A CCP pump trips after being aligned back to the RWST.
		<p>PAR is Recommendation 3</p> <p>Evacuate sectors A-1, B-1, C-1, D-1</p> <p>Shelter C-2, D-2</p> <p>Consider issuance of Potassium Iodide in accordance with State Plan</p>
~1020	~0220	Entry into SACRG-1
1100	0300	PAR update due to wind change with the addition of sheltering B-2, B-5 (<i>>20% clad failure exceeded at 1002 on lower compartment monitors</i>)
1115	0315	<p>FCV-62-138 is repaired (or the malfunction is removed if not identified as failed) allowing ~100gpm flow.</p> <p>(+5 minutes) FCV-62-144 is repaired (or the malfunction is removed if the team has accessed the valve) allowing an additional ~100gpm.</p> <p>(+another 5 minutes) Efforts are successful in restoring makeup to the RWST at ~750 gpm. An SI pump can be started and inject which eventually causes core temperatures to begin decreasing</p>
~1200	~0400	Drill ends

This drill shares the Alert declaration with the graded exercise. The leak is in a different location.

Diversity Data

This report lists the timelines used in drills from the previous 2 years

- The radioactive release at the end of the drill is:



Diversity Data

This report lists the timelines used in drills from the previous 2 years

August 2016:

Initial Conditions:

UNIT-1:

- 100% power MOL
- Steam generator #2 has a small tube leak (5gpd)
- 1A CS Pump quarterly test is in progress. 1-SI-SXP-074-201-???. Complete to step 16????

UNIT-2:

- 100% power

COMMON:

- Fuel movement (shuffle) is in progress in the spent fuel pool.

Events:

Plant Time	Drill Time	Event
0800	00:00	Start
0805	0105	A fire is reported on the Diesel fuel oil storage tank. The fire brigade calls the fire in to the control room. The fire is on the fuel oil recirculation pump and is being fed by a leak of fuel oil from the tank. The leak is under pressure and is spraying fuel resulting in a large fire. Off-site assistance should be requested. Diesel Generator building is not involved.
0820	0120	A NOUE should have been declared by this time based on: EAL 4.1 "FIRE within the PROTECTED AREA (Figure 4-A) threatening any of the areas listed in Table 4-1 that is not extinguished within 15 minutes from the time of control room notification or verification of control room alarm."
0835	0135	Field report of a dropped fuel bundle with bubbles observed. This is reported by the team as they exit the refuel floor. Rad levels should be increasing as the report is delivered. (This is a short radioactive release)
0837	0137	Field report of high vibrations on the 1A CS pump. The crew should shut it down and place in pull-to-lock
0850	0150	An Alert should be declared based on EAL 7.4 Major damage to irradiated fuel or loss of water level that has or will uncover irradiated fuel outside the reactor

Diversity Data

This report lists the timelines used in drills from the previous 2 years

Plant Time	Drill Time	Event
		<p>vessel. (1 and 2):</p> <p>1. VALID alarm on 0-RM-90-101B or 0-RM-90-102 or 0-RM-90-103 or 1-RM-90-130 or 2-RM-90-130 or 1-RM-90-131 or 2-RM-90-131 1-RM-90-112A or 1-RM-90-112B or 2-RM-90-112A or 2-RM-90-112B.</p> <p>2. (a or b):</p> <p style="padding-left: 40px;">a. Plant personnel report damage to irradiated fuel sufficient to rupture fuel rods.</p> <p style="text-align: center;">OR</p> <p style="padding-left: 40px;">b. Plant personnel report water level drop has or will exceed makeup capacity such that irradiated fuel will be uncovered in the spent fuel pool or transfer canal.</p>
0915	0115	<p>The running Bus Duct Cooler fan trips. Swapping to the other fan involves realignment of the damper from in the field. When attempted the other fan trips.</p> <p>This will cause the crew to reduce power rapidly to 60%</p>
0929	0129	<p>Wherever the crew is in the down power the turbine begins to experience high vibrations on bearings 10 and 11 with increased vibration on adjacent bearing.</p>
0942	0142	<p>The crew will attempt to trip unit 1. The rods will fail to insert in auto and manual. Also the Operators will not be able to open the unit board breakers nor the reactor trip breakers.</p> <p>IF the crew trips the feeder breaker to the entire unit board then that will be successful. (Will loose RCPs)</p> <p>If the OSC sends out a team of electricians then they will be successful at opening the RTB.</p> <p>As rods are manually driven several fuel pins begin to leaking. Enough to eventually cause a <u>loss of the fuel barrier</u></p>
0955	0155	<p>The tube leak becomes a rupture. One tube is completely severed. (1500gpm)</p> <p>This is large enough to cause a Safety injection and be a <u>loss of the RCS</u></p>

Diversity Data

This report lists the timelines used in drills from the previous 2 years

Plant Time	Drill Time	Event
		<u>barrier</u> . Also the atmospheric relief valve on the number 2 steam generator will begin to cycle on reactor pressure raising pressure in the generator. (This will result in some radiation release to the environment)
0957	0157	A SAE should be declared based on: EAL 2.3 Reactor power > 5% and not decreasing after VALID auto and manual trip signals.
1020	0220	The Atmospheric Relief valve on the number 2 steam generator sticks open - <u>loss of the containment barrier</u> . (A steady release of radiation to the environment)
1036	0236	A GE should be declared and a PAR submitted at this time based on the loss of all three barriers.
1055	0255	The state should call the CECC Director and report that the counties have begun the 2 mile evacuations.
1245	0445	Additional PAR to begin the 5 mile evacuations
1300	0500	Drill Termination

- The EALs are different
- The Radioactive release at the end of the drill will be down river

Diversity Data

This report lists the timelines used in drills from the previous 2 years

July 2016:

Initial Conditions:

UNIT-1:

- 100% power for last 200 days.
- 1A RHR Pump is running 1-SI-SXP-074-201-A. Complete to step 16.

UNIT-2:

- In refueling outage, just completed core off load spent fuel time to boil is 8.5hrs.

Plant Time	Drill Time	Event
0800	00:00	Start
0803	00:03	RM 90-103 spent fuel rad monitor cry wolf
0806	00:06	<p>1A RHR Pump motor trips off. Moments later a fire is reported on the 1A RHR pump motor.</p> <p>Conditions exist for an Alert based on:</p> <p>EAL-4.1 FIRE in any of the areas listed in Table 4-1 that is affecting safety related equipment required to establish or maintain safe shutdown. (1 and 2):</p> <ol style="list-style-type: none"> 1. FIRE in any of the areas listed in Table 4-1. 2. (a or b) <ol style="list-style-type: none"> a. VISIBLE DAMAGE to permanent structure or safety related equipment in the specified area is observed due to the FIRE. <p>OR</p> <ol style="list-style-type: none"> b. Control room indication of degraded safety system or component response due to the FIRE.
0817	00:17	Second RM 90-103 spent fuel rad monitor cry wolf
0823	00:23	RM 90-103 spent fuel rad monitor fails (TS 3.3.8)
0834	00:34	Brkr 1718 normal supply to the 'A' shutdown board trips due to worker bump – worker reports this to the control room. (7W "off-site power alignment" will be performed).
0909	01:09	A LOCA starts that requires entry into E-1.

Diversity Data

This report lists the timelines used in drills from the previous 2 years

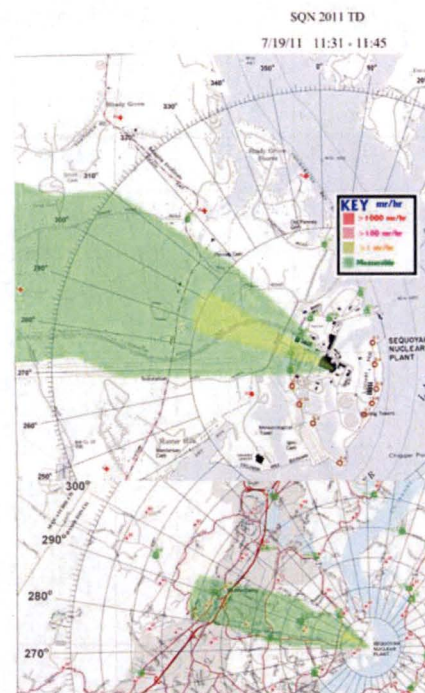
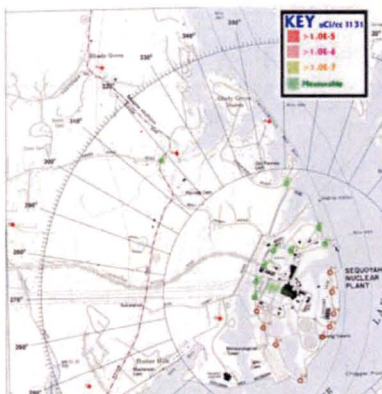
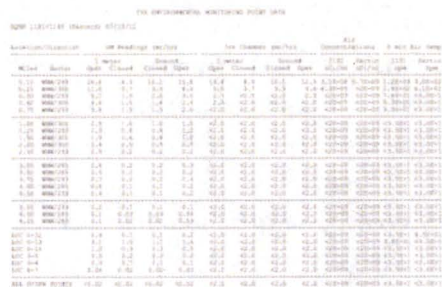
		<p>When the operators trip the reactor the reactor will not trip. When a team is sent to the reactor trip breakers the "B" reactor trip breaker opens the "A" will not open (can be jumpered). The reactor is tripped.</p> <p>During ATWS significant core damage occurs.</p> <p>Conditions exist for a SAE based on:</p> <p style="padding-left: 40px;">EAL 1.2.2P (RCS leakage results in entry into E-1) This would only be an Alert and would not be declared.</p> <p style="padding-left: 40px;">And</p> <p style="padding-left: 40px;">EAL 1.1.5 L "VALID reading of greater than: 2.5E+02 R/hr on RM-90-271A or -272A OR 1.5E+02 R/hr on RM-90-273A and 2.1E+02 R/hr on RM-90-274A (see instruction note 4)"</p> <p>Conditions also exist for</p> <p style="padding-left: 40px;">EAL-2.3 (Rx power NOT < 5% and decreasing after VALID Auto and Manual trip signals).</p>
~0938	~01:38	Containment pressure reaches phase "B" set point. When the 1B Containment Spray Pump starts it has a motor trip-out.
~0954	01:54	When containment pressure drops below 2 psig the running containment spray pump should be stopped.
		When containment spray is being stopped one train of containment spray reset fails. The CS pump will have to be pulled to lock and an operator assigned to take manual action to restart if conditions warrant.
1022	02:22	RCS leakage increases.
~1032	~02:32	<p>Containment fails into the annulus (breach in a weld in containment – radiation goes up in annulus ---pressure goes down in containment).</p> <p>Conditions exist for a GE (FG1) based on</p> <p style="padding-left: 40px;">EAL 1.1.5 L "VALID reading of greater than: 2.5E+02 R/hr on RM-90-271A or -272A OR 1.5E+02 R/hr on RM-90-273A and 2.1E+02 R/hr on RM-90-274A (see instruction note 4)"</p> <p style="padding-left: 40px;">AND</p> <p style="padding-left: 40px;">1.2.2 L "RCS leak results in subcooling <40 °F as indicated on XI-94-101 or 102 (EXOSENSOR)"</p> <p style="padding-left: 40px;">AND</p> <p style="padding-left: 40px;">1.3.2 L "Rapid unexplained pressure decrease following initial increase on PDI-30-44 or 45</p>

Diversity Data

This report lists the timelines used in drills from the previous 2 years

		<p>OR</p> <p>Containment pressure or sump level not increasing on LI-63- 178 and 179 with a LOCA in progress”</p> <p>PAR is Recommendation 3</p> <ul style="list-style-type: none"> • Evacuate 2 mile sectors A1, B1, C1, D1 • Shelter 5 mile sectors A3, D2 • All other sectors monitor and prepare • Consider issuance of Potassium Iodide in accordance with State Plan
1118	03:18	Vital Board Inverter 1-IV fails (can be aligned by operations to the spare inverter)
1145	03:45	PAR change due to wind shift is the same as above with the addition of sheltering the 5 mile sectors A2
1200	04:00	The exercise will terminate.

- The EALs Two parts of the GE EAL matrix are common to the GE.
- The radioactive release at the end of the drill as shown below. The direction is the same as in the graded exercise and is based on real MET data and requests from FEMA for this direction. The graded exercise will have a plume shift to the north near the end of the drill.



Diversity Data

This report lists the timelines used in drills from the previous 2 years

April 2016:

Initial Conditions:

UNIT-1:

- 100% power for last 200 days.
- The 1B-B CCP is out of service for inboard pump seal replacement.

UNIT-2:

- In refueling outage, just completed core off load spent fuel time to boil is 8.5hrs.

Events:

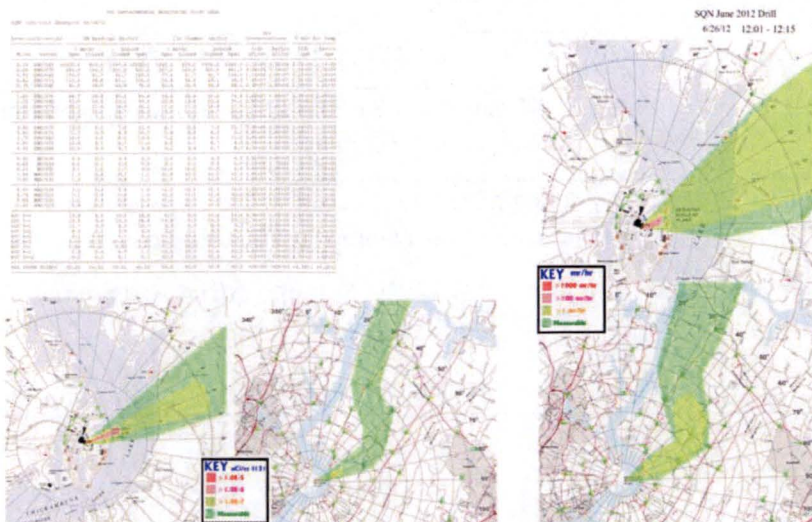
Plant Time	Drill Time	Event
0800	0000	Start of drill
0810	00:10	Failure of the 120 VAC Vital Inverter 1-I. The power transfer switch is physically broken and cannot be selected to the alternate supply.
~0812	~00:12	Reactor trips due to a trip of the #4 RCP which is due to a locked rotor. This will cause stress on the fuel which causes some fuel clad damage.
		Failure of one rod to insert on reactor trip.
~0815	~00:15	SGTR develops on steam generator #1. Conditions exist for an ALERT FA1 classification based on EAL 1.2.3L "SGTR that results in a safety injection actuation OR Entry into E-3" or 1.2.2L "RCS Leak results in Loss of subcooling (<40°F Indicated)
		FCV-1-15 fails to close upon request preventing the Turbine Driven Auxiliary Feed Pump from being aligned to steam generator #4.
		EGTS B train does not start on the SI signal
		CCPIT outlet valve 1-FCV-63-25 fails to open on the SI signal but can be opened manually.
0945	01:45	A steam line break occurs in the valve vault room. Conditions exist for a Site Area Emergency FS1 based on: EAL 1.3.4L "Ruptured S/G is also Faulted outside CNTMT" And 1.2.3L "SGTR that results in a safety injection actuation OR

Diversity Data

This report lists the timelines used in drills from the previous 2 years

Plant Time	Drill Time	Event
		Entry into E-3" or 1.2.2L "RCS Leak results in Loss of subcooling (<40°F Indicated).
1100	03:00	<p>Conditions exist for a GE based on:</p> <p>EAL FG1:</p> <p>EAL 1.3.4L "Ruptured S/G is also faulted outside CNTMT"</p> <p>And</p> <p>1.2.3L "SGTR that results in a safety injection actuation OR Entry into E-3" Or 1.2.2L "RCS Leak results in Loss of subcooling (<40°F Indicated) EAL 7.1 Dose assessment or Field data.</p> <p>And</p> <p>1.1 2L "RCS sample activity is greater than 300 $\mu\text{Ci/gm}$ dose equivalent I131"</p> <p>OR</p> <p>EAL 7.1 "EAB dose, resulting from an actual or imminent release of gaseous radioactivity > 1 Rem TEDE or > 5 Rem thyroid CDE for the actual or projected duration of release.</p>
1130	03:30	PAR update due to wind change
1200	04:00	Drill ends

- The EALs are different
- The radioactive release at the end of the drill:



Diversity Data

This report lists the timelines used in drills from the previous 2 years

March 2016:

Initial Conditions:

UNIT-1:

- 100% power for the last 400 days. The core is at EOL.
- 1B Centrifugal Charging pump (CCP) is O.O.S. for repairs due to a leaking lube oil cooler. 60 hours left in the 72 hour LCO

UNIT-2:

- 100% power

Plant Time	Drill Time	Event
0730	0000	Start
0735	0005	An explosion is reported by a maintenance worker near the Unit 2 PWST. An air compressor tank over pressurized and exploded causing a large piece of metal to create a hole at the top of the Unit 2 PWST.
0750	0020	A NOUE is declared based on the explosion
0800	0030	Start rad and MET files. All drill time tracking in files will begin now.
0805	0005	RCS leak (1% break on loop 1 cold leg)
0806	0006	<p>Operations maximizes charging flow with the one available CCP, but determines the RCS leak exceeds the capacity of one charging pump in normal alignment and loss of PZR level is imminent. The reactor is tripped and an SI is initiated</p> <p>An ALERT "FA1" is declared based on:</p> <p style="padding-left: 40px;">EAL 1.2.2L "RCS leak results in subcooling <40 °F as indicated on XI-94-101 or 102 (EXOSENSOR)"</p> <p style="text-align: center;">Or</p> <p style="padding-left: 40px;">EAL 1.2.2P "Non Isolatable RCS leak exceeding the capacity of one charging pump in the normal charging alignment"</p>
0808	0008	<p>A phase "B" isolation occurs when the Containment pressure exceeds 2.8 psig.</p> <p>Air Return Fan "A" failed to start.</p>
0850	0050	As containment pressure decreases to 2.5 psig the 'A' containment spray pump trips and the 'B' has a sheared shaft. After the containment spray

Diversity Data

This report lists the timelines used in drills from the previous 2 years

Plant Time	Drill Time	Event
		<p>pumps are secured the 1% cold break becomes a 100% break. Some fuel clad damage occurs.</p> <p>When sump recirculation is required for ECCS pump operation due to low RWST level, neither of the sump suction valves (1-FCV-63-72, 73) will open remotely.</p> <p>All of the ECCS pumps are placed in pull to lock when the RWST reaches 8% level.</p> <p>A SAE "FS1" is declared based on:</p> <p style="padding-left: 40px;">EAL 1.3.2P "Pressure > 2.8 psig (phase B) with < one full train of containment spray" or EAL 1.1.1P "Core Cooling Orange (FR-C.2)" or 1.1.4P "VALID RVLIS level <42% on LI-68-368 or LI-68-371 with no RCP running"</p> <p style="padding-left: 40px;">And</p> <p style="padding-left: 40px;">EAL 1.2.2L "RCS leak results in subcooling < 40°F as indicated on XI-94-101 or 102" or 1.2.4L "VALID RVLIS level <42% on LI-68-368 or LI-68-371 with no RCP running"</p>
~0940	~0140	<p>After the RVLIS level has decreased below 42% the incore temperatures begin a rapid increase (may be cyclic).</p> <p>Additional fuel damage begins to occur.</p> <p>A GE "FG1" is declared based on:</p> <p style="padding-left: 40px;">EAL 1.1.5L "Valid reading greater than 150 R/hr on 1-RE-90-273A and 210 R/hr on RM-90-274A" or 1.1.1L "Core Cooling Red (FR-C.1)" or 1.1.3L "Greater than 1200 °F on XI-94-101 or 102 (EXOSENSOR)"</p> <p style="padding-left: 40px;">And</p> <p style="padding-left: 40px;">EAL 1.2.2L "RCS leak results in subcooling < 40°F as indicated on XI-94-101 or 102" or 1.2.4L "VALID RVLIS level <42% on LI-68-368 or LI-68-371 with no RCP running"</p> <p style="padding-left: 40px;">And</p> <p style="padding-left: 40px;">EAL 1.3.2P "Pressure > 2.8 psig (phase B) with < one full train of containment spray" or 1.3.1P "Actions of FR-C.1 (Red Path) are INEFFECTIVE (i.e.: core TCs trending up)"</p>

Diversity Data

This report lists the timelines used in drills from the previous 2 years

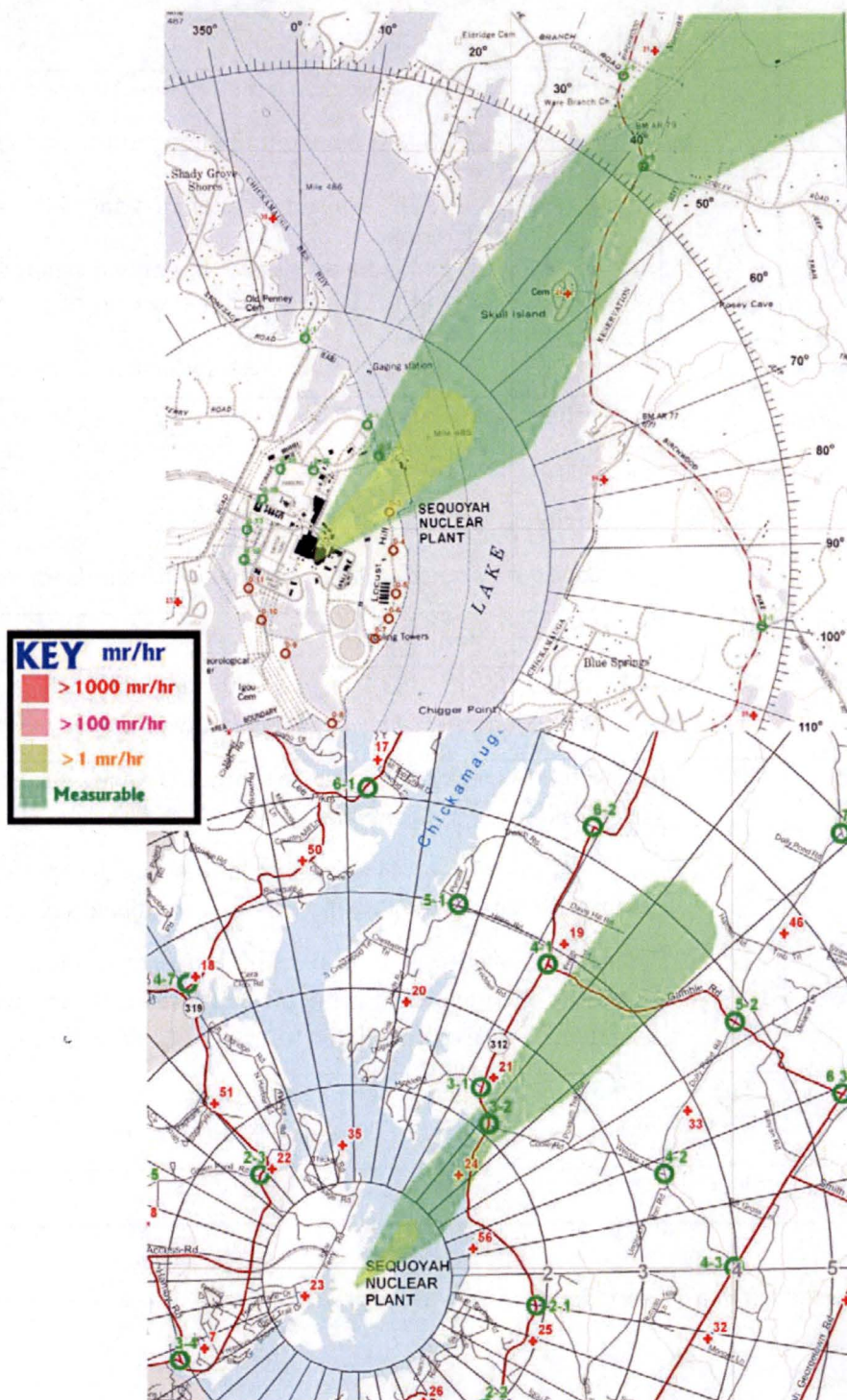
Plant Time	Drill Time	Event
		<p>The following items malfunction <u>if</u> the TSC directs their operation:</p> <ul style="list-style-type: none"> • FCV-62-93 fails closed preventing pumping the VCT to the RCS. • FCV-62-132A fails closed after closing on the safety injection signal. • FCV-62-138 is failed closed preventing emergency boration. • FCV-62-144 is failed closed preventing aligning primary water. • 1A CCP pump trips after being aligned back to the RWST.
		<p>PAR is Recommendation 3</p> <p>Evacuate sectors A-1, B-1, C-1, D-1</p> <p>Shelter C-2, D-2</p> <p>Consider issuance of Potassium Iodide in accordance with State Plan</p>
~1020	~0220	Entry into SACRG-1
1100	0300	PAR update due to wind change with the addition of sheltering B-2, B-5 (>20% clad failure exceeded at 1002 on lower compartment monitors)
1115	0315	<p>FCV-62-138 is repaired (or the malfunction is removed if not identified as failed) allowing ~100gpm flow.</p> <p>(+5 minutes) FCV-62-144 is repaired (or the malfunction is removed if the team has accessed the valve) allowing an additional ~100gpm.</p> <p>(+another 5 minutes) Efforts are successful in restoring makeup to the RWST at ~750 gpm. An SI pump can be started and inject which eventually causes core temperatures to begin decreasing</p>
1130	0330	If the simulator work is completed then the FLEX equipment attached to the SI pump discharge will be allowed to be successful.
~1200	~0400	Drill ends

The leak in this drill is in a different location than in the graded exercise. The leak size behaves differently.

Diversity Data

This report lists the timelines used in drills from the previous 2 years

- The radioactive release at the end of this drill is:



PROTECTED MATERIAL

Controllers Package

Sequoyah

09/14/2016

Rev 4

Mark Nicholson	Jim Knight	Zach Baze
Paul Gain	Jimmy Watson	Josh Perrell
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Written By:

John Addison

Reviewed By:

Zach Baze

NAME	DATE

**ANY PLAYER OPENING THIS BOOK
WILL BE DISQUALIFIED**

W:\SQN\SQN2016\9-14 GE\2016 SQN GE Controllers Package - rev 4.docx

EALs and PARs Approved By:

_____ (signature)

_____ (printed name)

Sequoyah Plant Manager or his designee

Walt Lee

Director of Nuclear Emergency Preparedness or designee

EALs and PARs Approved By:

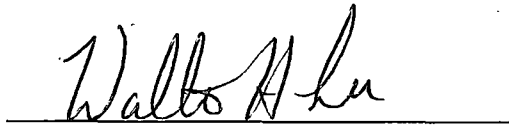


(signature)

PAUL M. GAIN

(printed name)

Sequoyah Plant Manager or his designee



Walt Lee

Director of Nuclear Emergency Preparedness or designee

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1 Introduction:

TVA has scheduled an exercise for the above site to begin at about 08:00 on 09/14/2016 and has an estimated duration of 5 hours. The exercise will involve full participation by TVA emergency organizations and full participation from State and County agencies.

In order to provide for a true assessment of TVA's emergency preparedness, it is imperative that the content of scenarios developed for the annual radiological emergency exercise not be divulged prior to the exercise.

The content of scenarios developed for radiological exercises is to be considered protected and is not to be disclosed to exercise participants or any individual not directly involved with the scenario development process prior to the conduct of the exercise. Players should not position themselves where they could be considered jeopardizing protected material. Controllers should make every effort to ensure exercise information under their control is protected. Controllers should report any compromise of exercise material to the Exercise Director.

The extent of play is contained in the pre-job briefing package.

Exercise Goals:

1. Allow plant and offsite personnel to demonstrate and test the capabilities of the emergency response organization to protect the health and safety of plant personnel and the general public in accordance with the Nuclear Power - Radiological Emergency Plan (NP-REP), Site Emergency Plan Implementing Procedures (EPIPs), and the CECC EPIPs.
2. Provide an interactive exercise to ensure proficiency of onsite and offsite emergency response capabilities.
3. Provide training for emergency response personnel.
4. Demonstrate that emergency response capabilities, equipment and procedures are adequate and identify any need for improvement or revision.
5. Visibly demonstrate safe and error free operations during the execution of the exercise.

2 Objectives:

1. The SM demonstrates ability to promptly assume and carry out duties of the Site Emergency Director upon the initial classification of an emergency event per EPIP. (A.1)
2. Demonstrate ability of key ERO personnel to coordinate emergency assessment and response activities during a radiological event per EPIP. (A.3) (Biennial)
3. The SED demonstrates ability to establish and revise plant ERO priorities during a transient and effectively utilize ERO personnel to address priorities. (A.4) (Biennial)
4. The SED demonstrates ability to effectively coordinate facility activities and to update facility staff on event status, priorities, and expected actions per the EPIP. (A.5) (Biennial)
5. The director of the OSC demonstrates ability to coordinate the assembly, effective briefing/debriefing, and timely dispatching of OSC teams per EPIP. (A.6) (Biennial)
6. The CECC Director demonstrates ability to effectively coordinate facility activities and to update facility staff on event status, priorities, and expected actions per the EPIP. (A.7) (Biennial)
7. When the CECC is staffed the ERO demonstrates ability to effectively transfer control of REP Van's between the TSC and CECC per EPIP. (A.8)
8. The Environs Assessor demonstrates ability to effectively control REP van movements in relation to the release plume per EPIP. (A.9)
9. Demonstrate the ability to timely activate the Technical Support Center (TSC), Operational Support Center (OSC), and Central Emergency Command Center (CECC). (A.12) (Biennial)
10. The SM demonstrates ability to adequately staff and activate facilities promptly in support of postulated emergency conditions per EPIP. (B.2) (Biennial)
11. Demonstrate the ability of key ERO personnel to perform the staffing responsibilities outlined in the REP appendix for given site for the event postulated. (B.5) (Biennial)
12. Demonstrate the ability to effectively integrate assistance resources from federal agencies to augment the plants emergency response capabilities per REP. (C.1) (Biennial)
13. Demonstrate the ability to provide a liaison at each participating offsite governmental Emergency Operations Center (EOC) per CECC EPIP. (C.2) (Biennial)
14. The SED demonstrates ability to effectively assess postulated plant indications, alarms and reports, and correctly classify an emergency event in a timely manner per EPIP. (D.1) (Biennial)
15. The SED demonstrate ability to correctly identify a series of postulated emergency events which escalate to a Site Area or General Emergency classification per EPIP. (D.2) (Biennial)
16. The SED demonstrates ability to notify on call ERO personnel in a timely manner upon classification of an emergency event per EPIP. (E.1) (Biennial)
17. The SED demonstrates ability to notify the applicable State and local counties within 15 minutes of initially declaring and reclassifying an emergency event per EPIP. (E.2) (Biennial)

18. The CECC director demonstrates ability to periodically update Federal, State and local county officials and agencies on the status of emergency based on available information. (E.3) (Biennial)
19. The SM demonstrates ability to notify the NRC within one hour of initially declaring or reclassifying an emergency event per SPP-3.5. (E.4) (Biennial)
20. Demonstrate ability to communicate clearly and effectively between onsite facilities and the CECC per EPIP. (COM)(F.2) (Biennial)
21. Demonstrate ability to communicate clearly and effectively with shift and OSC repair/assessment team personnel dispatched in plant per EPIP. (COM)(F.3) (Biennial)
22. The Environs Assessor demonstrates ability to communicate clearly and effectively with Radiation Monitoring Teams per CECC EPIP (COM)(F.4) (Biennial)
23. The CECC establishes communications with contiguous State and local governments within the 10 mile Emergency Planning Zones (EPZ) per EPIP. (COM)(F.6) (Biennial)
24. Demonstrate points of contact and physical locations for use by news media during an emergency during a Radiological Emergency Plan (REP) event. (G.1)
25. Demonstrate that adequate space is available at the Joint Information Center (JIC) for a limited number of news media per Emergency Plan Implementing Procedures (EPIP). (G.2)
26. Demonstrate the ability to designate a spokesperson having access to necessary information and arrange for a timely exchange of information among designated spokespersons per Emergency Plan Implementing Procedures (EPIP). (G.3) (Biennial)
27. Demonstrate the ability to brief media representatives in a clear, accurate and timely manner per Emergency Plan Implementing Procedures (EPIP). (G.4) (Biennial)
28. Demonstrate the ability to monitor the media to detect and correct errors per Emergency Plan Implementing Procedures (EPIP). (G.5)
29. Demonstrate the ability to establish and operate rumor control in a coordinated fashion per Emergency Plan Implementing Procedures (EPIP). (G.6)
30. Demonstrate the ability to activate the Joint Information Center (JIC) per Emergency Plan Implementing Procedures (EPIP). (G.7) (Biennial)
31. Identify and share any communication information (talking points/news releases, etc.) issued or drafted prior to Central Emergency Control Center (CECC) activation. (G.8)
32. Demonstrate that timely, accurate news releases are prepared, properly approved and distributed. (G.9)
33. Appropriate non-Central Emergency Control Center (CECC) contacts are notified and kept informed of emergency status and Central Emergency Control Center (CECC) activities by the Public Information Manager (PIM) and/or Liaison. (G.10)
34. Demonstrate the availability of equipment to effectively support facility operations of the OSC per EPIP.(H.1)
35. Demonstrate the ability to retrieve offsite meteorological, hydrologic or seismic data.(H.3)
36. Emergency Preparedness support activities such as status boards and human performance tools are demonstrated throughout the drill in the TSC.(H.4)

37. Emergency Preparedness support activities such as status boards and human performance tools are demonstrated throughout the drill in the OSC.(H.5)
38. Emergency Preparedness support activities such as status boards and human performance tools are demonstrated throughout the drill in the CECC.(H.6)
39. Emergency Preparedness support activities such as status boards and human performance tools are demonstrated throughout the drill in the JIC.(H.7)
40. Demonstrate the ability to identify the source of an actual or potential radiological release and postulated magnitude based on plant system parameters and effluent monitors per EPIP. (RP)(I.1) (Biennial)
41. Demonstrate ability to mobilize and deploy REP vans in a timely manner per CECC EPIP.(RM)(I.2) (Biennial)
42. Demonstrate ability to project exposures based on plant effluent monitor readings and field data for various meteorological conditions per EPIP.(DA)(I.4) (Biennial)
43. Demonstrate ability for determining the source term of releases of radioactive material within plant systems. (i.e., relationship between containment radiation monitor readings and radioactive material available for release from containment) per EPIP.(DA)(I.5) (Biennial)
44. Demonstrate ability to effectively track airborne radioactive plume using REP vans.(RM)(I.6)
45. Demonstrate provisions made for estimating integrated (accumulated) dose from projected and actual dose rates and for comparing these estimates with Protective Action Guidelines (PAGs) per EPIP.(DA)(I.9) (Biennial)
46. Demonstrate onsite capability and resources to provide initial values and continuing assessment throughout the course of an accident, to include: radiation and effluent monitors, in plant monitoring and containment monitoring per EPIP(RP)(I.10) (Biennial)
47. Demonstrate the Plant Assessment Team (PAT) ability to perform core damage assessment per the CECC EPIP.(I.12) (Biennial)
48. The ERO demonstrates ability to effectively warn or advise plant personnel or individuals onsite or in adjacent owner controlled area per EPIP.(J.1)
49. The Director demonstrates ability to determine appropriate protective action recommendations for the general public based on REP and EPA Protective Action Guidelines (PAGs)(J.2) (Biennial)
50. ERO demonstrates adequate equipment and procedures for individual respiratory protection and use of protective clothing for individuals remaining or arriving onsite during the postulated emergency event per EPIP (J.5) (Biennial)
51. The SED demonstrates the ability to make decisions, based on predetermined criteria, whether to issue potassium iodide (KI) to Plant emergency workers per EPIP.(J.6)
52. RP demonstrates ability to effectively monitor and control emergency worker exposures per Plant procedures.(K.1)
53. The SED demonstrates the ability to authorize extensions for Plant emergency worker exposures in an expeditious manner which takes into account reasonable consideration of relative risks per EPIP.(K.2)

54. RP demonstrates the ability to assign personal dosimetry, effectively monitor exposure at appropriate frequencies, and maintain accurate dose records for Plant emergency workers per EPIP.(RP)(K.3)
55. RP demonstrates adequate equipment and procedures for decontamination of Plant emergency workers and equipment per EPIP.(K.4)
56. RP demonstrates onsite contamination control measures, including area access control, drinking water and food supplies, and criteria for permitting return of areas and items to normal use per EPIP.(K.5)
57. RP demonstrates appropriate equipment and procedures for determining ambient radiation levels per EPIP. (RP)(N.1)
58. Demonstrate the ability to develop, control and manage the drill per EPDP-3(P.1)
59. Demonstrate the ability to critique a REP drill to improve performance.(P.3)

3 REP Drills

The following drills which are required by section 14 of the REP will be performed during this exercise:

Radiological Monitoring Drill - Environmental monitoring van drill will be conducted. This drill will include collection and analyses of sample media (i.e., water, air, grass, or soil), direct radiation measurements, operation of vehicles, communication equipment, sampling equipment, and recordkeeping. The scenario was developed and the drill will be conducted and critiqued by the site EP staff. As required by section 14.1.2 of the REP.

Rad Protection Drill - Rad Protection drill will be conducted involving response to and analysis of simulated elevated airborne samples and direct radiation readings in the plant. The scenario was developed and the drill will be conducted and critiqued by the site. As required by section 14.1.3 of the REP.

Radiological Dose Assessment Drill - Dose assessment drill will be conducted to test the procedures, calculation techniques, computer codes, and environmental assessment abilities of the CECC staff and support groups. As required by section 14.1.5 of the REP.

Communications Drill - Communications drills will be conducted at least once each calendar year for each site. This drill will take advantage of the Central Emergency Control Center's participation to meet this annual requirement. Communications will be established among all emergency centers and controller cells will be established in environmental monitoring vans and OSC field teams. As required by section 14.1.7 of the REP.

- ☐ JIC Activation
- ☐ Rumor Control

4 Other Required Drills

The following drills which are required by section 14 of the REP will be performed during this drill:

- ☐ Radiological release requiring evacuation or shelter
- ☐ Combined functional areas drill

5 DEP Opportunities

The following are the anticipated DEP opportunities for this exercise:

1. Alert based on:

EAL 1.2.2P (non isolatable RCS leakage exceeding one charging pump in the normal alignment or RCS leakage results in entry into E-1)..

2. SAE based on:

EAL 1.2.2P (non isolatable RCS leakage exceeding one charging pump in the normal alignment or RCS leakage results in entry into E-1) or EAL 1.2.2L (Leak with <40 deg sub cooling)

And

EAL 1.3.3L (Containment isolation incomplete) or EAL 1.3.2L (Rapid drop in containment pressure) or EAL 1.3.4P (Rapid increase in rad monitors adjacent to containment)

3. GE based on:

EAL 1.2.2L (Leak with <40 deg sub cooling) or EAL 1.2.4L (VALID RVLIS level <42% on LI-68-368 or LI-68-371 with no RCP Running) EAL 1.2.2P (non isolatable RCS leakage exceeding one charging pump in the normal alignment or RCS leakage results in entry into E-1)

And

EAL 1.3.3L (Containment isolation incomplete) or EAL 1.3.2L (Rapid drop in containment pressure) or EAL 1.3.4P (Rapid increase in rad monitors adjacent to containment)

And

EAL 1.1.4 P (RVLIS level < 42%) or. 1.1.3P (Greater than or equal to 700 °F) or 1.1.3L (Greater than 1200 °F) or 1.1.1L (Core Cooling Red) or 1.1.1P (Core Cooling Orange)

4. PAR Recommendation 3: Evacuate the 2 mile radius (A1, B1, C1, D1), Shelter 5 miles downwind (A3, D2). All other sectors monitor and prepare. Consider issuance of KI in accordance with the State Plan.
5. PAR Recommendation 3: Evacuate the 2 mile radius (A1, B1, C1, D1), Shelter 5 miles downwind (A2, A3, D2). All other sectors monitor and prepare. Consider issuance of KI in accordance with the State Plan.
6. PAR Recommendation 6: Evacuate the 2 mile radius (A1, B1, C1, D1), Evacuate 5 miles downwind (A2, A3). Shelter 5 miles downwind (D2). All other sectors monitor and prepare. Consider issuance of KI in accordance with the State Plan.

During drill performance, the ERO may not always classify an event exactly the way that the scenario specifies. This could be due to conservative decision making, Emergency Director judgment, or a simulator driven scenario that has the potential for multiple 'forks'. In such cases, evaluators should document the rationale supporting their decision for eventual NRC inspection. Evaluators must determine if the classification was appropriate to the event as presented to the participants and in accordance with the approved emergency plan and implementing procedures.

6 Participation Credit

Player	Evaluator/Mentor/Controller	Position
Harry Howle	Matt Leenerts	Shift Manager (SED)
Matt Rasmussen	Matt Lovitt	Site Emergency Director
Reed Jones	Marlin Quarberg	Operations Manager
Michael Brown	Jim Rolph	Radiological Protection Manager
		RP Assistant
Brandon Catalanatto	Scott Gladney	Technical Assessment Manager
Russell Thompson		CECC Director
David Malinowski		Asst CECC Director
Gerry Kindred		Radiological Assessment Manager
Bill Israel		Radiological Assessment Coordinator
Steve Fulghum	Tony Seagrove	OSC Manager

7 Simulation Specifics

The SQN training drill will be a full scale drill consisting of the following participation by TVA:

- Central Emergency Control Center will fully participate and be evaluated.
- Technical Support Center will fully participate and be evaluated.
- Operations Support Center will fully participate and be evaluated.
- TVA Field Teams will fully participate and be evaluated.

1. SITE

- Accountability Simulate with Controller if required
- Evacuation..... Simulate with controller if required
- Security Roadblocks Simulate with controller if required
- Environs Vans Two vans will play.
- Courier Perform
- Post-Accident Sampling Simulate with controller if required

2. TVA Support

- Operations Duty Specialist..... Full Participation
- Joint Information Center Full Participation
- Agency Emergency Activation Simulate with controller
- Other TVA off Site Support Simulate with controller

3. County Support

- Risk Counties EOC's Full Participation
- Fire Department Simulate with controller
- Hospital *** Simulate with controller

4. State Support

- State Emergency Operations Center .. Full Participation
- State Warning Point Full Participation
- Direction and Control Officer Full Participation
- State Field Coordination Center Full Participation
- State RMCC Full Participation
- State Field Teams Full Participation

5. Federal Support

- NRC Resident Participation
- NRC Headquarters..... Control Cell
- Health Physics Network Simulate with controller
- ERDS Activation Simulate with controller

8 Time Line

Initial Conditions:

UNIT-1:

- 100% power MOL

UNIT-2:

- 100% power BOL

COMMON:

Events: None

Plant Time	Drill Time	Event
0800	0000	Start
0802	0002	A 12 gpm leak of reactor coolant begins on loop 3 of Unit 1. Conditions exist for a NOUE
<0806	<0006	A NOUE declaration should be made based on: EAL 2.5 RCS unidentified or pressure boundary leakage > 10 GPM. 1. Unidentified or pressure boundary leakage (as defined by Tech. Spec.) > 10 GPM as indicated by (a or b): a. SI-OPS-068-137.0 results or RCS Flow Balance Calculation (AOP-R.05, Appendix I or J) OR b. With RCS temperature and PZR level stable, the VCT level on LI-62-129 or LI-62-130 is dropping at a rate > 10 GPM.
0820	0020	A 120 gpm leak of reactor coolant begins on loop 3 of Unit 1.
~0821	~0021	Operations should trip the reactor and may initiate a safety injection (SI). SI initiation may be delayed while the crew conserves water. Conditions exist for an ALERT
0835	0035	An ALERT (FA1) should be declared based on: EAL 1.2.2P "non isolatable RCS leakage exceeding one charging pump in the normal alignment or RCS leakage results in entry into E-1". (Loss of RCS Barrier)
0900	0100	Q-A ERCW pump motor amps increase to the point of bringing the motor overload alarm in. The pump trips after 13

Plant Time	Drill Time	Event
		minutes in overload.
~0930	~0130	<p>The RCS leak increases such that sub cooling is lost.</p> <p>Additionally, a Containment Vacuum relief valve 1-FCV-30-46 fails to close and check valve VLV-30-571 in line with it opens. (Loss of the Containment Barrier)</p> <p><u>Containment atmosphere begins leaking into the annulus.</u></p> <p>The B Containment Air Return fan fails to start.</p> <p>Conditions exist for a SAE</p>
0939	0139	<p>The "A" 6.9 KV shutdown board is lost when the feeder breaker 1718 opens due to an invalid breaker trip signal.</p> <p>The diesel output breaker fails to close when required due to being racked in in a tilted position.</p> <p>The alternate feed breaker cannot be closed from the control room.</p> <p>As a consequence, one half of the ECCS pumps are lost.</p>
~0942	~0142	When sump swap over is required 1-FCV-63-73 fails to open.
<0945	<0945	<p>A SAE (FS1) should be declared based on:</p> <p style="padding-left: 40px;">EAL 1.2.2P "non-isolable RCS leakage exceeding one charging pump in the normal alignment or RCS leakage results in entry into E-1".</p> <p style="padding-left: 40px;">And</p> <p style="padding-left: 40px;">EAL 1.3.3L "Containment isolation incomplete".</p> <p style="padding-left: 40px;">Or</p> <p style="padding-left: 40px;">EAL 1.3.2P "Pressure >2.8 PSIG (Phase B) with < one full train of containment spray"</p>
~1023	~0223	<p>RVLIS level is less than 42%.</p> <p>Conditions exist for a GE</p>
1028	0228	<p>Either the "A" 6.9 KV shutdown board is returned to service by finally racking out the Q-A pump.</p> <p>Or</p> <p>1-FCV-63-73 is manually opened.</p> <p>As the colder sump water is injected into the core, thermal shock results in fuel clad failures. <u>The filtered release of radioactivity to the environment.</u> Containment accident monitors begin to increase.</p>

Plant Time	Drill Time	Event
		(NOTE: The restoration of this equipment is vital to prevent the simulator from going "out-of-bounds" on high fuel temperatures. This will need to be strictly controlled by the controllers.)
<1038	0238	<p>A GE (FG1) should be declared based on:</p> <p>EAL 1.1.1L "Core Cooling Red (FR-C.1)</p> <p>Or</p> <p>EAL 1.1.4 L "VALID RVLIS level <42% on LI-68-368 or LI-68-371 with no RCP running"</p> <p><u>And</u></p> <p>EAL 1.2.2L "RCS leak results in subcooling <40°F as indicated on XI-94-101 or 102 (EXOSENSOR)"</p> <p>Or</p> <p>EAL 1.2.4L "VALID RVLIS level <42% on LI-68-368 or LI-68-371 with no RCP running"</p> <p><u>And</u></p> <p>EAL 1.3.1P "Actions of FR-C.1 (Red Path) are INEFFECTIVE (i.e.: core TCs trending up)"</p> <p>Or</p> <p>EAL 1.3.2P "Pressure >2.8 PSIG (Phase B) with < one full train of containment spray"</p> <p>Or</p> <p>EAL 1.3.3L "Containment isolation incomplete"</p> <p>(Note: Multiple EALs will be met during the time that RVLIS level is below 42%. Fuel heats up rapidly and by the time the classification is made the SED may mark many EALs as met.)</p>
~1120	~0320	State notifies the CECC Director that the 2 mile evacuation has begun.
1130	0330	Containment fails into the annulus. (containment pressure falls to zero)
1215	0415	Additional PAR based on wind change
1300	0500	Exercise is complete
~1315	~0515	An additional PAR may be made depending on the time the state reports that the counties have begun the evacuations.

9 Checklists

9.1 EP Staff checklist

Checklist Number	CL 1	Time to Perform	Before start of exercise
From:	Site EP Staff	Location	TSC, OSC, and OSC Staging Area

- ☐ Verify no emergent issues with expected staffing of controlling organization.
- ☐ Ensure TSC and OSC clocks match the simulator's ICS/PEDS clock or record difference: TSC: _____ OSC: _____.
- ☐ Test PA from TSC to OSC/OSC Staging Area.
- ☐ Test PA from OSC to OSC Staging Area.
- ☐ If applicable then arrange for the relaying of SM announcements and pager activations with the controller in the main control room. Arrange for relaying of TEENS activations with the ODS.
- ☐ Arrange for the relaying of Assembly and Accountability activation with the security controller in the TSC. This information needs to be relayed to the lead controllers when simulating the alarms sounding.
- ☐ Ensure PEDs data is coming to the centers from the simulator.
- ☐ Ensure no players are present in the emergency centers.
- ☐ Ensure all controllers have working radios and are on the talk group (if required).
- ☐ Require all controllers, observers and evaluators in the exercise to sign the rosters as they are used for PI data.
- ☐ Ensure all controllers, observers, and evaluators are identified by vest, arm bands, etc.
- ☐ Provide player stickers if used by the site.
- ☐ Direct controlling organization to their pre-assignment staging location for the start of exercise.
- ☐ Display Drill in Progress signs in visible area if used by the site.
- ☐ Unlock TSC, OSC, and OSC Staging Area cabinets so key boxes do not have to be broken.

9.2 CECC checklist

Checklist Number	CL 2	Time to Perform	Before start of exercise
From:	Lead CECC Controller	Location	CECC

- ☐ Ensure CECC clock matches the site's simulator's ICS/PEDS clock or record difference: Simulator: _____ CECC: _____.
- ☐ Ensure no players are present in the CECC.
- ☐ Ensure all computers, monitors, displays are powered down or in a stand by alignment (not pre-staged).
- ☐ Ensure the CECC lead controller has a working radio and is on the controller bridge (if available).
- ☐ Require all controllers, observers and evaluators in the exercise to sign the rosters as they are used for PI data.
- ☐ Ensure all controllers are identified by vest, arm bands, controller book etc.

9.3 Simulator checklist

Checklist Number	CL 3	Time to Perform	Before start of exercise
From:	Simulator Lead Controller	Location	Simulator

Prior to the exercise (should allow 1 hour lead time)

- ☐ Ensure the simulator's ICS/PEDS clock matches the plant's ICS clock or record difference: Plant ICS: _____ Simulator ICS/PEDS: _____.
- ☐ Ensure the simulator clock matches the simulator's ICS/PEDS clock or record difference: Simulator clock: _____ Simulator ICS/PEDS: _____.
- ☐ Ensure the lead simulator controller has a working radio and is on the controller bridge. (an additional radio can be available if the controllers want to eaves drop on the players bridge)
- ☐ Unless otherwise instructed the AUOs and AUO controllers should report to the OSC to obtain their radios and controller vests. (one AUO and controller may be assigned to the simulator and receive their equipment there)
- ☐ Ensure the simulator phones are properly set up prior to the exercise start.
- ☐ Ensure that a fire ops radio is available, on, and the volume is turned up.
- ☐ Ensure that REP eSOMS is activated for the simulator crew.
- ☐ Ensure the correct IC has been loaded on the simulator.
- ☐ Ensure that simulator file(s) have been correctly loaded on the simulator and have been PEER checked as active.
- ☐ Have Shift Manager log into the simulator computer to ensure any I.S. "pushes" complete before the exercise starts. (This would not be an issue in the control room)
- ☐ Place security tape and/or display drill in progress signs if used by the site.
- ☐ Locate extra batteries for the portable phones. Contact OSC controller if needed to get telephone techs to assist.
- ☐ Call ODS (751-1700) prior to exercise start:
 - Tell the ODS you will conduct a fax test between the simulator and the ODS.
 - Send it using the SM fax machine (751-8620 or speed dial pushbutton).
 - Call the ODS to verify it worked and time/date stamp is correct.
 - Ensure the ODS clock matches the simulator clock or record difference: ODS: _____ Simulator: _____.

- ☐ Call the state emergency operating center (TEMA: 9-1-800-262-3300 prior to exercise start:
 - Tell the State you wish to conduct a fax test.
 - Send it using the SM fax machine (TEMA: 9-1-615-242-9635, or speed dial pushbutton).
 - Call the State to verify it worked.
- ☐ Call or have the Operations staff call the NRC in Washington D.C. [9-1(301)816-5100 and notify them that a REP exercise at SQN is going to start at 08:00 am and be over in ~5 hours.
 - If the NRC indicates that they want to play then ask them if they would like ERDS running. Immediately inform the Exercise Director that the NRC is playing and whether or not they want ERDS running.
- ☐ Require everyone in the exercise to sign the rosters as they are used for PI data (controllers, players, observers, mentors, evaluators...).
- ☐ Ensure all controllers are identified by vest, arm bands, etc.
- ☐ Provide player stickers if used by the site.
- ☐ Provide AUOs (if applicable) with simulator phone numbers and remind them to contact the simulator and not the control room during the exercise.
- ☐ Provide the following information to the SM prior to the beginning of the exercise (as applicable for your site):
 - The current POD that has duty managers identified and ERO team duty list for the week.
 - Simulator shift manning sheet.
 - NRC resident's phone numbers.
- ☐ Provide the following information to the crew prior to the beginning of the exercise (as applicable for your site)
 - Consumable EPIPs
 - Consumable NPG-SPP-03.5
 - Players exercise initial condition package
 - Turnover information
 - Players radios to the simulator operators
 - Reactivity briefing sheet (if required)
 - Populate NOMS logs with initial conditions (if used)

9.4 JIC checklist

Checklist Number	CL 4	Time to Perform	Before start of exercise
From:	JIC Lead Controller	Location	JIC

- ☐ Ensure the JIC lead controller has a working radio and is on the controller bridge (if available).
- ☐ Require everyone in the exercise to sign the rosters as they are used for PI data (controllers, players, observers, mentors, evaluators...).
- ☐ Ensure all controllers are identified by vest, arm bands, etc.

9.5 Post Exercise checklist

Checklist Number	CL 5	Time to Perform	After Exercise
From:	Various Lead Controller	Location	Emergency Centers

- ☐ Keep the simulator in freeze during the critique (data that may be needed for review will be lost if reset)

- ☐ RETRIEVE AND RETURN TO EP:

- o Performance indicator sheets filled out by the lead controller.
 - o PI documentation:

Event	Source
Alert Apparent	SIM Controller Notes
Alert Declaration	Site EPIP-3
Alert Notification	Site EPIP-3
SAE Apparent	SIM Controller Notes
SAE Declaration	Site EPIP-4
SAE Notification	CECC EPIP-1
GE Apparent	SIM Controller Notes
GE Declaration	Site EPIP-5
GE Notification	CECC EPIP-1
PAR Declarations	CECC EPIP-1
PAR Notifications	CECC EPIP-1

- o Evaluation work sheets.
 - o All players' logs (time and dated).
 - o All critique items (to be used for EPDP-3 form).
 - o Retrieve controllers vest, arm bands, radios, ...
- ☐ Designated Controller call or have the Operations staff call the NRC in Washington D.C. [9-1-(301)816-5100] and notify them that the SQN exercise is complete.
- ☐ Return all collected information to your EP staff.
- ☐ ENSURE that simulator communications are restored (isolated from outside)

10 Drill Messages**10.1 Initial Message**

Message Number	1	Time to Deliver	~0745
To:	Shift Manager	Location of receiver	Simulator
From:	Simulator Controller	Location of deliver	Simulator

Do not take any action to affect plant equipment!

This is a Drill!

Obtain permission from Shift Manager to conduct the drill/exercise.

Message:

"The REP Drill will begin soon. Please prefix all messages and notifications which you make or are responsible for making with the words-"This is a drill." If at any time during this drill a real emergency occurs, the Site Emergency Director may terminate the drill if he feels continuation of the drill may adversely affect the plant's response to the real emergency".

The following is information to the SM. It can be read over the PA at the SM discretion.

No actions will actually be taken which may alter the operations of the site. Personnel will not enter high radiation or contamination areas. Valves, pumps, switches, and other equipment will be physically located but verbal descriptions will be given instead of actual operations which may impact site operations. Actions which will not affect operations such as wearing protective clothing and using supplies will usually be performed.

10.2 Phone Numbers

Message Number	2	Time to Deliver	Anyone
To:	Anyone	Location of receiver	Anywhere
From:	Anyone	Location of deliver	Anywhere

Do not take any action to affect plant equipment!

This is a Drill! Message:

For purposes of this exercise use the REND/Procedures to call the state.

For purposes of this exercise call TBD to contact the "Mock-NRC".

For purposes of this exercise SQN call SM-4210, US-4397, UO-4398, FAX-4235 to contact the Simulator".

SQN: (423) 843-

Unit 1 Shift Manager	4210
Unit 1 Unit Supervisor	4397
Unit 1 Unit Operator	4398
Unit 1 FAX	4235
Simulator Booth Operator	4059

SQN: (423) 843-

Unit 1 Shift Manager	4210
Unit 1 Unit Supervisor	4397
Unit 1 Unit Operator	4398
Unit 1 FAX	4235
Simulator Booth Operator	4059

10.3 Controllers Pagers (optional)

Message Number	3	Time to Deliver	When told on the controller bridge or Beeper displays the following numbers.
To:	Controllers and Evaluators	Location of receiver	Various
From:	See Below	Location of deliver	Various

Do not take any action to affect plant equipment!

This is a Drill!

NOTE: Controllers and evaluators should have their pagers set on vibrate throughout the exercise so as to not alert players concerning exercise events.

At the appropriate times, in the scenario, designated controllers will set pagers off by using the group paging system as follows:

1. Access the pager system from any phone by dialing [BFN: "650", "651" SQN: "350#" WBN: "450#"] or "(423) 751-1792".
2. At the beep enter "80807".
3. At the prompt for the number to appear on the pager enter the appropriate number listed below.

Number Displayed on Controller's or Evaluator's Pager	Exercise Scenario Event	Person setting the pagers off
1	Exercise started on time no message out to players.	Simulator Lead Controller
2	A 120 gpm leak of reactor coolant begins on Loop 3 of Unit 1	Simulator Lead Controller
3	The RCS leak increases. 1-FCV-30-46 and VLV-30-571 fail	Simulator or TSC - Lead Controller
4	"A" 6.9 KV shutdown board has a ground fault	Simulator or TSC - Lead Controller
5	RVLIS level becomes < 42%	Simulator or TSC - Lead Controller
6	Exercise Terminated All players, controllers, evaluators report to facility for Player Critique.	Exercise Director
10	Assembly and Accountability in progress.-Tell all players in area: "you hear the assembly and accountability sirens."	Simulator or TSC - Lead Controller

10.4 Alert Contingency

Message Number	4	Time to Deliver	>08:35
To:	SED	Location of receiver	Simulator
From:	Lead Controller	Location of deliver	Simulator

Do not take any action to affect plant equipment!

This is a Drill!

Note: Contact your Lead Controller and the Exercise Coordinator prior to issuing this message.

Message:

If the Shift Manager is not in the process of declaring an Alert then instruct him to do so based on:

EAL 1.2.2P (non isolatable RCS leakage exceeding one charging pump in the normal alignment or RCS leakage results in entry into E-1).

10.5 SAE Contingency

Message Number	5	Time to Deliver	15 minutes after check of containment isolation
To:	SED	Location of receiver	TSC
From:	Lead Controller	Location of deliver	TSC

Do not take any action to affect plant equipment!

This is a Drill!

Note: Contact your Lead Controller and the Exercise Coordinator prior to issuing this message.

Message:

If the Shift Manager is not in the process of declaring an SAE then instruct him to do so based on:

EAL 1.2.2P (non isolatable RCS leakage exceeding one charging pump in the normal alignment or RCS leakage results in entry into E-1) or EAL 1.2.2L (Leak with <40 deg sub cooling)

And

EAL 1.3.3L (Containment isolation incomplete) or EAL 1.3.2L (Rapid drop in containment pressure) or EAL 1.3.4P (Rapid increase in rad monitors adjacent to containment)

10.6 GE Contingency

Message Number	6	Time to Deliver	15 minutes after RVLIS is <42%
To:	SED	Location of receiver	TSC
From:	Lead Controller	Location of deliver	TSC

Do not take any action to affect plant equipment!

This is a Drill!

Note: Contact your Lead Controller and the Exercise Coordinator prior to issuing this message.

Message:

If the Shift Manager is not in the process of declaring a GE then instruct him to do so based on:

EAL 1.2.2L (Leak with <40 deg sub cooling) or EAL 1.2.4L (VALID RVLIS level <42% on LI-68-368 or LI-68-371 with no RCP Running) EAL 1.2.2P (non isolatable RCS leakage exceeding one charging pump in the normal alignment or RCS leakage results in entry into E-1)

And

EAL 1.3.3L (Containment isolation incomplete) or EAL 1.3.2L (Rapid drop in containment pressure) or EAL 1.3.4P (Rapid increase in rad monitors adjacent to containment)

And

EAL 1.1.4P (RVLIS level < 42%) or 1.1.1L (Core Cooling Red) or 1.1.1P (Core Cooling Orange)

10.7 Assembly and Accountability Alarms

Message Number	7	Time to Deliver	When declared
To:	All Controllers	Location of receiver	Various
From:	Security Controller	Location of deliver	TSC

Do not take any action to affect plant equipment!

This is a Drill!

NOTE: All actions of the assembly and accountability and for the site evacuation are to be discussed and acted out. All communications with the CECC to coordinate this effort with state are to be completed. The only simulation part of this effort is that for this exercise the sirens will not be set off and non-exercise players will not have to respond.

NOTE: The security controller and player should start the exercise in CAS. The first contact may be here.

Message:

When the SED and the Security Manager determines that Assembly and Accountability is required and the SM on the simulator activates the alarm, then announce to all controllers that the Assembly and Accountability sirens are alarming.

All controllers announce to players that they hear the assembly and accountability alarms sounding.

Security Section**Assembly and Accountability:**

- 30 minutes later a TSC controller should tell the Security Manager:
"The report for assembly and accountability indicates that all people have been accounted for"

Evacuation:

- For exercise controller purposes the Security controller in the TSC should time the exit of personnel as 10 minutes per 100 people.

10.8 2 Mile Evacuation has begun

Message Number	8	Time to Deliver	>1120
To:	CECC Director / DACO	Location of receiver	CECC / SEOC
From:	CECC Controller / State Controller	Location of deliver	CECC / SEOC

Note to the Controller:

NOTE: Discuss issuance of this message with the Exercise Director prior to its use.

NOTE: The intention is for the state controller to handle this message. It is listed here as a backup if the state has difficulty.

Message:

"The state has received word from the counties that the 2 mile evacuation has begun at 1120 Eastern Time"

10.9 End of Exercise Message

Message Number	9	Time to Deliver	1300
To:	PA	Location of receiver	Site
From:	MCR Controller	Location of deliver	MCR

Note to the Controller: This message is to be issued shortly after the Exercise Coordinator has decided to terminate the exercise.

Message:

Please terminate this exercise by making and repeating the following announcement over the Plant PA system:

The Radiological Emergency Plan Exercise has been terminated.

11 Drill Tasks

Task Number	Task Title	Department	Controller/Developer
1	1-FCV-30-46 fails open	Mech	Matt McAllister
2	Check Valve VLV-30-571 fails open.	Mech	Scot Newell
3	1A-A Shutdown board loss and restoration	Elec	Dylan Salts
4	1-FCV-63-73 fails to open.	Mech	Scot Newell
5	1B-B Cont. Air return fan does not start	Elec	Jake Helton
6	Containment fails into the Annulus	Mech	Doscher & Welch
7	EGTS exhaust flow controller	Elec	RG Simpson
8	Adding water to the RWST	Fire Ops	David Sanders

11.1 1-FCV-30-46 Fails Open

Completed by Corporate EP:

Person assigned:	Matt McAllister	Task #	1
Equipment to fail:	1-FCV-30-46 fails open. The valve is normally open, but closes on a two out of three hi containment pressure switches at 1.5 PSIG.		
Time to fail:	09:30 am	How to fail:	OPEN
Time to allow to fix:	Can be allowed to close at 1145		
Reason task is needed:	This valve is in containment and will probably not be worked on during the exercise. Its failure to close gives a release path to the annulus		

Completed by site SDT:

Description of how equipment will be failed:

The failure of the FCV may not be immediately obvious since it is a normally open valve. If containment pressure reaches 1.5 psig prior to T=0930 then 1-FCV-30-46-A will close. Upon closing, a crack develops in the air supply line. The crack enlarges such that at 0930 the valve reopens when the air pressure can no longer overcome the spring opening mechanism. When the valve opens and containment pressure is greater than 1.5 an alarm on 1-M-5C, window 12 comes in. Check Valve 1-30-571 is on the outboard side of the FCV. It will now see containment pressure and it opens instead of closing. This is the release path into the annulus.

What will players be able to see or hear when they arrive at the equipment?

Due to the location of this valve in the annulus it is not expected to be worked.

Location of equipment:

In the annulus

References:

1-47W610-30-1, 47W611-30-3, 47W866-1, 45N630-10, 47W600-187, 45N657-4, 77 (contract 92120).

11.2 VLV-30-571

Completed by Corporate EP:

Person assigned:	Scott Newell	Task #	2
Equipment to fail:	Containment Vacuum relief valve 1-FCV-30-46 fails open and check valve VLV-30-571 opens		
Time to fail:	0930	How to fail:	OPEN
Time to allow to fix:	Will not be fixed during the exercise		
Reason task is needed:	Provides rad release path to the environment from containment to the annulus		

Completed by site SDT:

Description of how equipment will be failed:

Check Valve VLV-30-571 initially indicates as being closed, however due to a small amount of debris on the seat of the valve there is leak by in the non-passive direction as containment pressure rises. As the flow becomes turbulent across the small opening it causes a lifting affect that opens the check valve. The lifting of the check valve allows containment to pressurize the annulus

What will players be able to see or hear when they arrive at the equipment?

May see a slight DP across the 1-FCV-30-46 valve.

1-XX-55-6L [1-M-6], block 12 will show open.

Location of equipment:

Annulus 823, Az 0 1-FCV-30-46 is also in top of the annulus

Valve Indication on 1-M-9 (under containment, second column over underneath containment air return handswitches)

How may the players attempt to fix the equipment?

NA

References:

1-47W866-1[B-4], 47W915-6, [H-1]

VTD-A415-0050, VTD-A415-0060

11.3 1A-A Shutdown board loss and restoration

Completed by Corporate EP:

Person assigned:	Dylan Salts	Task #	3
Equipment to fail:	1A-A Shutdown board loss and restoration		
Time to fail:	0939	How to fail:	OPEN
Time to allow to fix:	Can be allowed to be restored at 10:28 Repairing this damage is critical to the Scenario and must occur when incore thermocouples increase toward 1000 degrees		
Reason task is needed:	Needed for Emergency Classifications		

Completed by site SDT:

Description of how equipment will be failed:

Bkr 1718- Event initiator. A failure of the trip roller will occur releasing the tripper bar on the breaker and releasing the trip springs causing the breaker to trip. All external indication will be that the breaker is normal, however, subsequent attempts to close the breaker will result in the breaker remaining "trip free", a condition where the closing springs discharge, and the breaker attempts to close but immediately trips open. If maintenance techs and operators rack the breaker to the test position the breaker will exhibit the same behavior of "tripping free." Post accident investigation will reveal mechanical wear on the trip roller combined with poor lubrication as probable cause.

Brk 1716 - Breaker will not close if attempted to be closed by operations due to a failure of the charging motor (52 LSB contacts failed open at electrical points 9-8 as read on secondary disconnect contacts 5 and 01) to recharge the charging springs after last breaker close operation. Visual inspection will reveal the charging spring indicators recessed (indicating that the charging springs are not charged). Manipulation of the charging motor disconnect switch will not result in any change in condition to the charging springs or motor. Closing circuit "green light" will be illuminated at all local and remote locations as this function, for closing, is monitored independent of the charging motor via points 13 and 14 of the secondary disconnect contacts (52b will be closed as the 1716 breaker is in the open state). Operators and techs may identify the failure of the 52LSB contact in series with charging motor after racking the 1716 breaker out of the cubicle and measuring across secondary disconnect contacts 5 and 01 (read open or infinite ohms). Team may elect to manually charge breaker 1716 charging springs, in which case, once charging springs are fully charged, the breaker will be able to be closed electrically. Final resolution will be to repair or replace faulty breaker components.

Brk 1912 - Breaker will fail to close in auto and when operators, following AOP-P.05 Appendix X, attempt to supply the 1A-A shutdown board from the 1A-A EDG. Cause of the failure will be dirt and degraded lubricant build up on the secondary disconnect contact 6. This condition will be noted if the breaker is racked out and secondary disconnect contacts are inspected. Visual inspection of the contact assembly in the cubicle (not to break the plane) will indicate bright contact fingers, indicating that the high resistance connection point is on the breaker contact assembly. If the breaker is attempted to be operated from the test position, it will not operate. Once contact point 6 (and any other contact points that are desired to be cleaned) are cleaned, the breaker

will be able to be operated. Contact resistance measurements from secondary disconnect contact point 6 to control device terminal point 7 (located on the back of the circuit breaker) will read high resistance (~500K or higher) until contact 6 is cleaned. If questioned by techs, the contact will look dull brown with a heavy looking hard film. Breaker will be able to be operated electrically once contact 6 is cleaned, resistance will drop to ~.02 ohms. Operators may elect to manually close breaker via breaker pushbutton, in which case; breaker will close and remain closed.

As a side note for consideration, at times, when a breaker swap is scheduled to occur or has just occurred, it is common for a "spare" breaker of proper ampacity and configuration to be racked into the seismic position in a spare cubicle of the Shutdown Boards. The decision to allow use of this breaker as a means to restore power should be ignored by the team in favor of restoring one of the three installed breakers (Breaker 1912 for EDG power or Breaker 1716 after manual charging of charging springs).

What will players be able to see or hear when they arrive at the equipment?

All green lights for each breaker will be illuminating locally at the 1A-A 6.9kV Shutdown board. All other indications and readings are as listed for each breaker up above. No abnormal arcing, acrid odor, or

Location of equipment:

1A-A shutdown board. Bkr 1718 in compartment 11, Bkr 1716 in compartment 16, and Bkr 1912 in compartment 6.

References:

Drawings 1-45N765-1, 1-45N765-2, 1-45N765-9, 1-45N724-1

0-MI-EBR-202-007.5, 6.9kV ABB Type 7.5 HK Breaker Inspection Rev 0000

AOP-P.05, Loss of Unit 1 Shutdown Boards Appendix X

ICES OE report 306607 Beaver Valley U2 4KV supply breaker for incoming supply Xfmr did not close

11.4 1-FCV-63-73-B, Containment Sump Flow Isolation Valve

Completed by Corporate EP:

Person assigned:	Chuck Doscher	Task #	7
Equipment to fail:	Operations may attempt to remotely open 1-FCV-63-73 but it will not open		
Time to fail:	09:50 am	How to fail:	Closed
Time to allow to fix:	Repairing this valve is critical to the Scenario and must occur when incore thermocouples increase toward 1000 degrees or at 10:55 am		
Reason task is needed:	Needed for Emergency Classifications		

Completed by site SDT:

Description of how equipment will be failed:

The last time that 1-FCV-63-73-B, Containment Sump Flow Isolation Valve was shut during its operability check the motor pinion key sheared. If the outside hand wheel is attempted to be turned it spins freely until the de-clutch mechanism is operated inside the enclosure.

What will players be able to see or hear when they arrive at the equipment?

When the control room operators attempt to open this valve the motor will run but the valve never opens.

Location of equipment:

Inside the Penetration Room on Elevation 669.

How may the players attempt to fix the equipment?

The valve can still be operated manually from inside the penetration room via the reach rod or the hand wheel inside the enclosure after the declutch level inside the containment enclosure is actuated. Total time elapsed from discovery to valve open is based on incore thermocouple readings. Contact the Simulator Operator to check on incore thermocouple readings.

Note to the Controller: Contact the Simulator Controller to determine the Thermocouple reading prior to issuing this message. When the Thermocouple readings approach 1000°F then issue this message. Report to the Simulator operator the team's success prior to allowing the team to report their action.

If the OSC team has been working on manually opening 1-FCV-63-73, then inform them that they have successfully opened the valve at 10:55 am.

References:

1-47W811-1

EA 63-7, Locally Opening Containment Sump Valves

11.5 1B-B Air Return Fan fails to start

Completed by Corporate EP:

Person assigned:	Michael Bradford	Task #	7
Equipment to fail:	Ten minutes after the Phase B signal is received the Air return fans should start. The 1B-B fan does not automatically start		
Time to fail:	~10:20	How to fail: Off	Breaker Fails Open
Time to allow to fix:	Can be fixed at 11:45		
Reason task is needed:	Needed to keep containment pressure up		

Completed by site SDT:

Description of how equipment will be failed:

The 1B-B fan does not automatically start due to the 1-BCTB-030-39-B failing open.

What will players be able to see or hear when they arrive at the equipment?

Operators will receive alarm on M-6 for panel M-9 motor trip out when Air Return fan attempts to start. All three handswitch lights come on until taken to pull-to-lock. When craft arrives at Shutdown Board, green light is on. When breaker panel is opened to inspect the breaker, signs of charring are observed. Electricians may swap out the breaker if one is available in stock.

Location of equipment:

1B2 480V Shutdown Board Compartment 9C, Elev. 734

How may the players attempt to fix the equipment?

Controller is to delay the start of the air return fan as needed. Electricians may swap out the breaker if one is available in stock.

References:

1, 2-45N779-5

45N1755-1

0-45N779-1

SQN-1-BCTB-030-0039-B

11.6 Containment Fails

Completed by Corporate EP:

Person assigned:	Joe Welch	Task #	8
Equipment to fail:	Unit 1 Containment fails		
Time to fail:	11:30	How to fail:	Open
Time to allow to fix:	Will not be fixed		
Reason task is needed:	Needed for plume		

Completed by site SDT:

Description of how equipment will be failed:

As containment pressure raises the purge air exhaust valve 1-FCV-30-56 fails due to fatigue of the shaft. This propels parts of the valve internals toward the duct work. The valve internals strike, and penetrate, the ductwork in the annulus.

What will players be able to see or hear when they arrive at the equipment?

This failure results in depressurizing Containment into the Annulus and consequently to the environment via the EGTS.

Location of equipment:

Annulus

How may the players attempt to fix the equipment?

NA

References:

1-47W866-1
47W915-7

11.7 EGTS exhaust flow controller

Completed by Corporate EP:

Person assigned:	Bart Simpson	Task #	9
Equipment to fail:	EGTS exhaust controller fails in the open position (no output current, no air to associated positioner, PCO-65-80 full open, PCO-65-88 full closed)		
Time to fail:	11:30	How to fail:	Open
Time to allow to fix:	Will not be fixed		
Reason task is needed:	Needed for plume		

Completed by site SDT:

Description of how equipment will be failed:

1-PDIC-65-80 fails with no output due to an internal failure of the output amplifier. Control room indication on the controller is not affected by the failure. Loss of signal to 1-PDM-65-80 causes it to vent maximum air dropping the output air to a minimum which results in 1-PCO-65-80 failing open and 1-PCO-65-88 failing closed.

What will players be able to see or hear when they arrive at the equipment?

Control room indication on the controller is not affected by the failure

Location of equipment:

Annulus

How may the players attempt to fix the equipment?

NA

References:

1-47W866-1

47W610-65-1

47W611-65-3

Vendor Manuals: SQN-VM-4174 and SQN-VTD-R290-0230

SSD-1-PD-65-80

11.8 RWST fill

Completed by Corporate EP:

Person assigned:	David Sanders	Task #	10
Equipment to fail:	Fire OPS is sent to add water to the RWST		
Time to fail:	When dispatched	How to fail:	NA
Time to allow to fix:	Will not able to open the hatch		
Reason task is needed:	Main method of core cooling after SAMG entry		

Completed by site SDT:

Description of how equipment will be failed:

This evolution will not be able to be completed.

What will players be able to see or hear when they arrive at the equipment?

The team will not be able to remove all of the bolts on the hatch to be able to add water.

Location of equipment:

U-1, Elev 706 at RWST

How may the players attempt to fix the equipment?

EDMG-2, find Appendix I: Restoration of RWST Function

Follow guidance in Appendix I, refer to Tab 25,

O-MA-MSC-317-200.7, OSC/TSC decide which Section 6.2, 6.3, 6.4, or 6.7 is going to be used for makeup flow

References:

O-MA-MSC-317-200.7; O-SO-62-4; EDMG-2; Tab 25, Tab 13, Tab 45

12 Worksheets**12.1 Simulator worksheet**

Worksheet Number	WS 1	Time to Perform	During exercise
From:	Simulator Controller	Location	Simulator

1. The SM demonstrates ability to promptly assume and carry out duties of the Site Emergency Director upon the initial classification of an emergency event per EPIP. (A.1)
 - a. SM recognizes REP entry conditions and promptly referees to the EPIP-1.
 - b. SM performs EPIP duties required to activate the REP, without long delays due to other duties.
2. The SM demonstrates ability to adequately staff and activate facilities promptly in support of postulated emergency conditions per EPIP. (B.2)
 - a. TSC/OSC is operational within 60 (90 for WBN) minutes of Alert declaration
 - b. CECC is operational within 60 minutes of Alert declaration
 - c. REP: "Activation time for the centers is approximately 60 minutes following declaration of an alert or higher classification, depending upon time of day, weather conditions, or immediate availability of personnel"
3. The SED demonstrate ability to effectively assess postulated plant indications, alarms and reports, and correctly classify an emergency event in a timely manner per EPIP. (D.1)
 - a. EAL _____ is declared. Time _____
 - b. The declaration is made within 15 minutes of conditions being apparent in the UCR. Time conditions are apparent: _____
 - c. Non-delegable responsibilities are understood and performed.
 - d. ODS is notified in a timely manner. Time _____
 - e. State is notified in a timely manner. Time _____
 - f. Control room activities were conducted in a manner that did not interfere with the analysis, classification or mitigation of the abnormal condition.
 - g. Station priorities are established, communicated and executed.
 - h. Paperwork is accurate and legible.
4. The SED demonstrates ability to notify on call ERO personnel in a timely manner upon classification of an emergency event per EPIP. (E.1) (Biennial)
 - a. The site ERO is paged when required by EPIP.
 - b. The CECC is paged in a timely manner per CECC EPIP
 - c. On-call response is being monitored and any issues are handled in a timely manner.
5. The SM demonstrates ability to notify the NRC within one hour of initially declaring or reclassifying an emergency event per SPP-3.5. (E.4) (Biennial)
 - a. SM refers to NPG-SPP-03.5 in a timely manner after the first REP declaration.

- b. The required NRC notification is made within one hour.
- c. All other NPG-SPP-03.5 notifications are made.
- 6. Demonstrate ability to communicate clearly and effectively with shift and OSC repair/assessment team personnel dispatched in plant per EPIP. (COM)(F.3) (Biennial)
 - a. The SM keeps an accurate list of teams dispatched from the main control room
- 7. Demonstrate the ability to develop, control and manage the drill per EPDP-3(P.1)
 - a. Controller messages delivered on time and to the correct person.
 - b. Controllers ensured the simulator operator was notified of changing plant conditions.
 - c. Data is transmitted to players accurately (when earned).
 - d. Protect confidential drill information from players.
 - e. Needed drill information is developed and supplied to controller in the scenario package.
 - f. Controllers did not prompt, coach, or otherwise interfere with the performance of drill personnel.
 - g. Personnel participating in the exercise were not pre-positioned prior to commencement.
- 8. Demonstrate the ability to develop, control and manage the drill per EPDP-3(P.1)

Controller Name _____ Location _____

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Controller Name _____ Location _____

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12.2 TSC worksheet

Worksheet Number	WS 2	Time to Perform	During exercise
From:	TSC Controller	Location	TSC

1. The SED demonstrates ability to establish and revise in plant ERO priorities during a transient and effectively utilize ERO personnel to address priorities. (A.4)
 - a. The SED establishes the correct priorities during plant transient.
 - b. When priorities are revised the ERO in the TSC/OSC are made aware of the change.
 - c. OSC teams are assigned to the highest priority items.
2. The SED demonstrate ability to effectively coordinate facility activities and to update facility staff on event status, priorities, and expected actions per the EPIP. (A.5)
 - a. SED uses briefings to update ERO of status of site.
 - b. SED demonstrates an understanding of the status of OSC teams.
 - c. Technical assessment team is used to resolve priority items.
3. Demonstrate the ability to timely activate the Technical Support Center (TSC), Operational Support Center (OSC) and Central Emergency Command Center (CECC). (A.12)
 - a. Alert declared at _____. TSC activated at _____. (< 90 minutes.)
 - b. All on-call ERO members responded in the required time (Initiate PER for each late individual)
 - b. REP: "Activation time for the centers is approximately 60 minutes following declaration of an alert or higher classification, depending upon time of day, weather conditions, or immediate availability of personnel"
4. Demonstrate the ability of key ERO personnel to perform the staffing responsibilities outlined in the REP appendix for given site for the event postulated. (B.5)
5. The SED demonstrate ability to correctly identify a series of postulated emergency events which escalate to a Site Area classification per EPIP. (D.2)
 - a. EAL _____ is declared. Time _____
 - b. The declaration is made within 15 minutes of conditions being apparent in the UCR. Time conditions are apparent: _____
 - c. Non-delegable responsibilities are understood and performed.
 - d. State is notified in a timely manner. Time _____
 - e. Control room activities were conducted in a manner that did not interfere with the analysis, classification or mitigation of the abnormal condition.
 - f. Station priorities are established, communicated and executed.
 - g. Paperwork is accurate and legible.
6. The SED demonstrate ability to correctly identify a series of postulated emergency events which escalate to a General Emergency classification per EPIP. (D.2)

- a. EAL _____ is declared. Time _____
 - b. The declaration is made within 15 minutes of conditions being apparent in the UCR. Time conditions are apparent: _____
 - c. Non-delegable responsibilities are understood and performed.
 - d. State is notified in a timely manner. Time _____
 - e. Control room activities were conducted in a manner that did not interfere with the analysis, classification or mitigation of the abnormal condition.
 - f. Station priorities are established, communicated and executed.
 - g. Paperwork is accurate and legible.
7. Demonstrate ability to communicate clearly and effectively between onsite facilities and the CECC per EPIP. (COM)(F.2)
- a. The TSC keeps the CECC informed of plant conditions affecting decelerations.
8. Emergency Preparedness support activities such as status boards and human performance tools are demonstrated throughout the drill in the TSC. (H.4)
- a. Status boards were used and kept current.
 - b. Procedures were correctly used.
 - c. Logs can be constructed from data documented on status boards, written in procedures, electronic logs maintained in emergency centers, press releases, and retained notes.
 - d. Human performance tools were used to ensure error free performance.
 - e. The information exchanged between the OSC, TSC, RP Lab and Chemistry Lab was accurate and timely based on current conditions and available information.
 - f. Emergency classification changes were discussed, with concurrence, between the TSC and CECC and when conditions allowed prior to official declaration.
9. Demonstrate the ability to identify the source of an actual or potential radiological release and postulated magnitude based on plant system parameters and effluent monitors per EPIP. (RP)(I.1)
- a. RP uses actual data from field teams to determine radiological conditions
 - b. RP uses data from SPDS to determine radiological conditions.
 - c. Data gathered is used to determine release potential and magnitude.
10. The SED demonstrates the ability to make decisions, based on predetermined criteria, whether to issue potassium iodide (KI) to Plant emergency workers per EPIP.(J.6)
11. RP demonstrate ability to effectively monitor and control emergency worker exposures per Plant procedures.(K.1)
- a. RP identifies the need for emergency exposures.
 - b. Appropriate approvals are given prior to any emergency exposure.
 - c. Emergency exposures are tracked in personnel exposure records as appropriate.

12. The SED demonstrate the ability to authorize extensions for Plant emergency worker exposures in an expeditious manner which takes into account reasonable consideration of relative risks per EPIP.(K.2)
13. RP demonstrate onsite contamination control measures, including area access control, drinking water and food supplies, and criteria for permitting return of areas and items to normal use per EPIP.(K.5)
14. Demonstrate the ability to develop, control and manage the drill per EPDP-3(P.1)
 - a. Controller messages delivered on time and to the correct person.
 - b. Controllers ensured the simulator operator was notified of changing plant conditions.
 - c. Data is transmitted to players accurately (when earned).
 - d. Protect confidential drill information from players.
 - e. Needed drill information is developed and supplied to controller in the scenario package.
 - f. Controllers did not prompt, coach, or otherwise interfere with the performance of drill personnel.
 - g. Personnel participating in the exercise were not pre-positioned prior to commencement.

Risk Significant Planning Standard Assessment Questions to consider*Elaborate on questions answered "No" in notes section*

Accident Assessment	
Was any portion of the plant area evacuated?	
What area?	
Was the evacuation clearly communicated?	
Technical Assessment Team	
Did the TAT fully engage in accident assessment?	
Were they tracking significant plant parameters?	
Did they recommend actions that indicated sound engineering judgment?	
Was their recommendation written with the correct level of detail?	
Were their recommendations written to prevent human performance errors while being implemented?	
Protective Response	
Did van personal take KI per the EPIP?	
Dose Assessment	
Was it done correctly?	
Was unfiltered assumed on the dose assessment software?	
If so was this communicated to the site?	

Controller Name _____ Location _____

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12.3 OSC worksheet

Worksheet Number	WS 3	Time to Perform	During exercise
From:	OSC Controller	Location	OSC

1. Demonstrate ability of key ERO personnel to coordinate emergency assessment and response activities during a radiological event per EPIP. (A.3)
 - a. OSC teams assigned in a timely fashion.
 - b. OSC teams report information found in a timely manner.
 - c. Information found is used to develop an action plan.
 - d. TSC personnel are briefed upon arrival to the TSC and even if before the SED arrives in the TSC.
 - e. The ERO ensures that teams are dispatched to assess the correct tasks to ensure the SED's priorities are addressed.
2. The director of the OSC demonstrates ability to coordinate the assembly, effective briefing/debriefing, and timely dispatching of OSC teams per EPIP. (A.6)
 - a. The OSC director ensures all required resources are available to the OSC to accomplish assigned task.
 - b. The OSC director updates OSC staff of major plant changes.
 - c. The OSC director ensures human performance tools are being used in the OSC.
3. Demonstrate the ability to timely activate the Technical Support Center (TSC), Operational Support Center (OSC), Joint Information Center (JIC) and Central Emergency Command Center (CECC). (A.12)
 - a. Alert declared at _____. OSC activated at _____. (< 60 (90 for WBN) minutes.)
 - b. All on-call ERO members responded in the required time (Initiate PER for each late individual)
4. Demonstrate ability to communicate clearly and effectively with shift and OSC repair/assessment team personnel dispatched in plant per EPIP. (COM)(F.3)
 - a. The SM keeps an accurate list of teams dispatched from the main control room
 - b. The OSC maintains an accurate list of teams dispatched from the OSC.
5. Demonstrate the availability of equipment to effectively support facility operations of the OSC per EPIP.(H.1)
 - a. Verify sufficient number of SCBA's available to support all OSC teams
 - b. Verify sufficient number of protective clothes to support all OSC teams
 - c. Is there sufficient office and telecommunication equipment available to support the OSC
 - d. All support equipment functional and readily available
6. Demonstrate the ability to retrieve offsite meteorological, hydrologic or seismic data.(H.3)

7. Emergency Preparedness support activities such as status boards and human performance tools are demonstrated throughout the drill in the OSC. (H.5)
 - a. Status boards were used and kept current.
 - b. Procedures were correctly used.
 - c. Logs can be constructed from data documented on status boards, written in procedures, electronic logs maintained in emergency centers, press releases, and retained notes.
 - d. Human performance tools were used to ensure error free performance.
 - e. Prior to the deployment of OSC teams, each task was adequately planned and the hazards evaluated.
 - f. The dispatching of OSC teams was orderly, organized, prompt, and consistent with TSC established priorities and authorization.
 - g. Proper dosimetry was issued to each OSC response team member.
 - h. Each OSC response team member was issued the necessary and proper respiratory equipment.
 - i. Response teams were able to reasonably assess, diagnose, and correct plant equipment problems and demonstrated proficiency in the use of tools, procedures, and protective equipment.
 - j. The location and progress of OSC response teams were kept current as indicated on the OSC status board.
 - k. All response teams dispatched prior to activation of the OSC were transferred to the OSC for tracking purposes.
 - l. TSC & OSC staff briefings were performed at each significant event and about once every hour.
 - m. The information exchanged between the OSC, TSC, RP Lab and Chemistry Lab was accurate and timely based on current conditions and available information.
 - n. Dose assessments, when conducted, were approved by the Radiological Assessment Coordinator (RAC).
 - o. Environmental/Radiological data was effectively obtained from field teams and plant monitors and utilized for dose projections.
8. Demonstrate ability to mobilize and deploy REP vans in a timely manner per CECC EPIP.(RM)(I.2)
 - a. REP vans were dispatched and monitoring within a timely manner. Time Dispatched _____ Time Monitoring _____.
9. The ERO demonstrate ability to effectively warn or advise plant personnel or individuals onsite or in adjacent owner controlled area per EPIP. (J.1)
 - a. Security timely dispatched to search OCA.
 - b. All drill players in the OCA found.
 - c. OCA search completed in a timely manner.

10. ERO demonstrate adequate equipment and procedures for individual respiratory protection and use of protective clothing for individuals remaining or arriving onsite during the postulated emergency event per EPIP (J.5).
 - a. At least one team demonstrates use of protective clothing during the drill.
 - b. There is enough air packs and protective equipment on hand for the number of personnel dispatched into the field.
11. RP demonstrate the ability to assign personal dosimetry, effectively monitor exposure at appropriate frequencies, and maintain accurate dose records for Plant emergency workers per EPIP.(RP)(K.3)
 - a. Appropriate dosimetry is evaluated for each personnel entry.
 - b. Pre-job briefings cover the need to monitor dosimetry at set intervals.
 - c. Procedures are in place to update personnel dose records for emergency personnel.
12. RP demonstrate adequate equipment and procedures for decontamination of Plant emergency workers and equipment per EPIP.(K.4)
13. RP demonstrate appropriate equipment and procedures for determining ambient radiation levels per EPIP. (RP)(N.1)
 - a. Adequate quantities of instruments are available for field teams and other personnel.
 - b. RP procedures cover appropriate instrumentation for emergency entries.
 - c. Radiation levels are communicated to the appropriate emergency center in a timely manner.
14. Demonstrate the ability to develop, control and manage the drill per EPDP-3(P.1)
 - a. Controller messages delivered on time and to the correct person.
 - b. Controllers ensured the simulator operator was notified of changing plant conditions.
 - c. Data is transmitted to players accurately (when earned).
 - d. Protect confidential drill information from players.
 - e. Needed drill information is developed and supplied to controller in the scenario package.
 - f. Controllers did not prompt, coach, or otherwise interfere with the performance of drill personnel.
 - g. Personnel participating in the exercise were not pre-positioned prior to commencement.

Risk Significant Planning Standard Assessment Questions to consider*Elaborate on questions answered "No" in notes section*

Protective Response	
Was the correct protective actions taken for plant personal?	
Was KI used?	
Was security removed from the plume?	
Was OSC teams protected from the plume?	
Was site evacuated of non-emergency personal in a timely and correct manner?	
Was there airborne radiation?	
If so did OSC teams take precautions?	

Controller Name _____ Location _____

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Controller Name _____ Location _____

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12.4 CECC worksheet

Worksheet Number	WS 4	Time to Perform	During exercise
From:	CECC Controller	Location	CECC

1. The CECC director demonstrates ability to effectively coordinate facility activities and to update facility staff on event status, priorities, and expected actions per the EPIP. (A.7)
 - a. CECC director uses briefings to update CECC staff of status of site.
 - b. The CECC staff is looking ahead at Protective Action Recommendations (PAR) before they are required by procedure.
2. When the CECC is staffed demonstrate ability to effectively transfer control of REP Van's between the TSC and CECC per EPIP. (A.8)
 - a. Once CECC was activated control of Vans was transferred in a timely manner.
 - b. Transfer of control was done within guidance of CECC EPIP's.
3. The Environs Assessor demonstrates ability to effectively control REP van movements in relation to the release plume per EPIP. (A.9)
 - a. One REP van measures the plume at the site boundary. The van should monitor the downwind area covering the entire width of the plume.
 - b. One REP van should monitor the downwind sectors from the owner controlled area to the five mile line.
4. Demonstrate the ability to timely activate the Technical Support Center (TSC), Operational Support Center (OSC), Joint Information Center (JIC) and Central Emergency Command Center (CECC). (A.12)
 - a. Alert declared at _____. CECC activated at _____. (< 60 minutes.)
 - b. All on-call ERO members responded in the required time (Initiate PER for each late individual)
5. Demonstrate the ability to effectively integrate assistance resources from federal agencies to augment the plants emergency response capabilities per REP. (C.1)
 - a. Asst CECC Director conducts an effective update upon arrival of the NRC to the CECC per CECC EPIP.
 - b. The ODS correctly establishes ERDS at the activation of the CECC per CECC EPIP.
6. Demonstrate the ability to provide a liaison at each participating offsite governmental Emergency Operations Center (EOC) per CECC EPIP. (C.2)
 - a. Provide county and state liaison to each risk county and state.
 - b. Ensure all liaisons are staffed in a timely manner.
7. The SED demonstrate ability to notify the applicable State and local counties within 15 minutes of initially declaring and reclassifying an emergency event per EPIP. (E.2)
 - a. State notified within 15 minutes of declaration.
 - i. Time Alert declared _____ Time State notified of Alert _____.
 - ii. Time SAE declared _____ Time State notified of SAE _____.

- iii. Time GE declared _____ Time State notified of GE _____.
 - b. For each notification the information supplied to the state is complete.
 - c. For each notification the information supplied to the state is correct.
 - d. The information transfer is performed without confusion.
 - e. All state questions are resolved in a timely manner.
8. The CECC director demonstrate ability to periodically update Federal, State and local county officials and agencies on the status of emergency based on available information CECC EPIP. (E.3)
- a. The State Commutation updates the state within one hour of the initial notification.
 - b. The State Communicator updates the state at least hourly after the first notification.
 - c. All state hourly updates are correct and contained all required information.
9. Demonstrate ability to communicate clearly and effectively between onsite facilities and the CECC per EPIP. (COM)(F.2)
- a. Site ICS data is easily accessible in the CECC
 - b. All telecommunication equipment is functional and has clear reception
 - c. Plant system performance is correctly understood by the CECC
 - d. Plant mitigation strategies are correctly understood by the CECC
 - e. The CECC keeps the TSC informed of state actions.
10. The Environs Assessor demonstrate ability to communicate clearly and effectively with Radiation Monitoring Teams per CECC EPIP (COM)(F.4)
- a. Environs Assessor remained aware of site conditions.
 - b. Environs Assessor notified van personnel of decisions concerning KI.
 - c. Environs Assessor periodically provides field teams with emergency classifications, plant status, release data, projected doses, meteorological data and protective action recommendations for the public.
 - d. CECC can communicate to the Vans by radios or some backup means.
11. The CECC establishes communications with contiguous State and local governments within the 10 mile Emergency Planning Zones (EPZ) per EPIP. (COM)(F.6)
- a. Clear consist information is communicate to the state.
 - b. Liaisons are established with the state and counties.
12. Identify and share any communication information (talking points/news releases, etc.) issued or drafted prior to CECC activation. (G.8)
- a. Contact is made with site Communications representative and/or on duty Public/Media Relations staff
 - b. Publicly shared information is acquired by the CECC
 - c. CECC Director is briefed on any previously issued communication materials

13. Demonstrate that timely, accurate news releases are prepared, properly approved and distributed (G.9)
 - a. CECC writer prepares news releases
 - b. News releases are clearly labeled DRAFT until they are properly approved
 - c. News release checklist is used to ensure accuracy
 - d. News release is updated or another news release is started if emergency classification changes
 - e. Technical Advisor is consulted as needed to provide clarity and understanding
 - f. News releases are approved by the CECC Director (or Assistant Director as designated), RAM, PAM and JIC Director (if JIC is activated) prior to distribution
 - g. Timely distribution of news releases is verified
14. Appropriate non-CECC contacts are notified and kept informed of emergency status and CECC activities by the PIM and/or Liaison (G.10)
 - a. Updates are provided to:
 - i. Communications VP, direct reports or Sr. Advisor.
 - ii. Senior Manager, Nuclear Comm (media)
 - iii. Senior Manager, PR & Corporate Information (media)
 - iv. Manager, Corporate Information (employees)
 - v. Manager, Branding & Digital Comm (web site, social media)
 - vi. Strategic Communication Partners (support)
 - vii. NRC
 - viii. TEMA (prior to JIC activation)
 - ix. Government and Valley Relations
 - x. Customer Relations
 - xi. JIC Director (if activated)
15. Emergency Preparedness support activities such as status boards and human performance tools are demonstrated throughout the drill in the CECC. (H.6)
 - a. Status boards were used and kept current.
 - b. Procedures were correctly used.
 - c. Logs can be constructed from data documented on status boards, written in procedures, electronic logs maintained in emergency centers, press releases, and retained notes.
 - d. Human performance tools were used to ensure error free performance.
 - e. The CECC Director clearly announced when the CECC was activated.
 - f. The information exchanged between the CECC and other emergency centers was accurate and timely based on the current conditions and available information.

- g. Communications between the CECC dose assessment and the State dose assessment teams were promptly established and maintained
 - h. The information flow between the Plant Assessment and Dose Assessment Teams was sufficient to allow effective offsite dose assessments and offsite dose projections, maintain an awareness of plant status, and anticipate the consequences of progressing events
 - i. Dose assessments, when conducted, were approved by the Radiological Assessment Coordinator (RAC).
 - j. Environmental/Radiological data was effectively obtained from field teams and plant monitors and utilized for dose projections.
16. Demonstrate ability to project exposures based on plant effluent monitor readings and field data for various meteorological conditions per EPIP.(DA)(I.4)
- a. The Dose Assessor has the site determine the release rate from plant monitors.
 - b. The Dose Assessor uses the release rate, path, type, and meteorological conditions to input into the FRED to determine the projected exposures to the public.
 - c. The Dose Assessor recalculates the dose projections when changes occur to FRED's input per CECC EPIP-8.
17. Demonstrate ability for determining the source term of releases of radioactive material within plant systems. (i.e., relationship between containment radiation monitor readings and radioactive material available for release from containment) per EPIP.(DA)(I.5)
- a. The Core Damage Assessor determines the type of fuel damage (RCS, Gap, Core Damage, or Fuel Melt) and communicates that to the Dose Assessor.
 - b. The Dose Assessor uses the information from the Core Damage Assessor to update the FRED, RED, and BRED codes output as applicable.
 - c. The Dose Assessor makes use of environmental monitoring field team data to determine the type of Fuel Damage per EPIP-8 when Core Damage Assessment is not available.
18. Demonstrate ability to effectively track airborne radioactive plume using REP vans.(RM)(I.6)
- a. Environs Assessor utilizes RED plume plots
 - b. Environs Assessor checks wind direction
 - c. Environs Assessor has REP van traverse the plume
19. Demonstrate provisions made for estimating integrated (accumulated) dose from projected and actual dose rates and for comparing these estimates with Protective Action Guidelines (PAGs) per EPIP.(DA)(I.9)
- a. The Dose Assessor determines the projected dose to the public using the FRED dose code and determines if any TEDE Dose or Iodine CDE EALs or PAGs are exceeded.
 - b. The Environs Assessor reviews environmental monitoring field team data and determines if any radiation levels or I-131 concentrations exceed any EAL or PAG values.

20. Demonstrate onsite capability and resources to provide initial values and continuing assessment throughout the course of an accident, to include: radiation and effluent monitors, in plant monitoring and containment monitoring per EPIP(RP)(I.10)
 - a. RP uses available data to communicate radiological conditions to appropriate personnel.
 - b. Data is continually verified to track changes in conditions.
 - c. RP uses all resources available to gather data.
21. Demonstrate the Plant Assessment Team (PAT) ability to perform core damage assessment per the CECC EPIP.(I.12)
22. The Director demonstrate ability to determine appropriate protective action recommendations for the general public based on REP and EPA Protective Action Guidelines (PAGs)(J.2).
 - a. Wind Direction _____
 - b. The PAR is recommendation ___evacuation of sectors _____.
 - c. GE declared at _____ PAR made to state _____. Less than 15 minutes
 - d. Wind Direction _____
 - e. The PAR is recommendation ___evacuation of sectors _____.
23. Demonstrate the ability to develop, control and manage the drill per EPDP-3(P.1)
 - a. Controller messages delivered on time and to the correct person.
 - b. Controllers ensured the simulator operator was notified of changing plant conditions.
 - c. Data is transmitted to players accurately (when earned).
 - d. Protect confidential drill information from players.
 - e. Needed drill information is developed and supplied to controller in the scenario package.
 - f. Controllers did not prompt, coach, or otherwise interfere with the performance of drill personnel.
 - g. Personnel participating in the exercise were not pre-positioned prior to commencement.

Risk Significant Planning Standard Assessment Questions to consider*Elaborate on questions answered "No" in notes section*

Plant Assessment Team	
Did the PAT fully engage in accident assessment?	
Were they tracking significant plant parameters?	
Did they recommend actions that indicated sound engineering judgment?	
Was their recommendation written with the correct level of detail?	
Were their recommendations written to prevent human performance errors while being implemented?	
Were they looking ahead for upcoming problems?	
Did the CECC have van personal take KI?	
Dose Assessment	
Was it done correctly?	
Was unfiltered assumed on the dose assessment software?	
If so was this communicated to the site?	

Controller Name _____ Location _____

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Controller Name _____ Location _____

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Controller Name _____ Location _____

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12.5 JIC worksheet

Worksheet Number	WS 5	Time to Perform	During exercise
From:	JIC Controller	Location	JIC

1. Demonstrate points of contact and physical locations for use by news media during an emergency during a REP event. (G.1)
 - a. Media questions were answered by phone and/or email, both initially following the incident and after JIC activation.
 - b. News releases were distributed to media in a timely manner.
 - c. Media was notified of JIC activation and location.
 - d. Media was provided working space in the vicinity of the JIC.
 - e. Media briefings were held and included prepared statements, Q&A's and separate technical briefings.
 - f. Information was provided to media verbally (in person, phone), electronically (email and web site), and hard copy (news releases in JIC).
2. Demonstrate that adequate space is available at the JIC for a limited number of news media per EPIP. (G.2)
 - a. Media was provided working space in the vicinity of the JIC.
 - b. Media had access to phones, internet connections or wireless network and power outlets
 - c. Photographers, video operators and reporters were provided access to media and technical briefings.
3. Demonstrate the ability to designate a spokesperson having access to necessary information and arrange for a timely exchange of information among designated spokespersons per EPIP. (G.3)
 - a. Designated TVA spokesperson was assisted by two technical advisors (plant and radiological advisors)
 - b. JIC Information Manager coordinated information with/among the designated TVA spokesperson and PIOs.
4. Demonstrate the ability to brief media representatives in a clear, accurate and timely manner per EPIP. (G.4)
 - a. News releases with updated information were provided to media in a timely manner.
 - b. Regular news briefings were held to share the latest information and answer questions.
 - c. PIOs provided answers to media questions submitted via phone and/or email.

5. Demonstrate the ability to monitor the media to detect and correct errors per EPIP. (G.5)
 - a. Management personnel conducting periodic briefings adequately addressed media questions or were able to get requested information in a timely manner.
 - b. Corrective or supplemental information was promptly released in the event of errors or misinformation in news stories.
 - c. Media reports were monitored for accuracy with inaccuracies identified, noted, and corrected by direct interaction with media representatives, press briefings, and public information representatives handling public inquiries.
 - d. Media Relations/Public Information staff personnel were promptly notified of any inaccurate information disseminated or rumors and provided with correct information.
6. Demonstrate the ability to establish and operate rumor control in a coordinated fashion per EPIP. (G.6)
 - a. PIOs were notified of rumors and incorrect information in the media.
 - b. Spokespersons used the media briefings to correct rumors and/or incorrect information.
 - c. PIOs and Public Information Reps corrected rumors and/or incorrect information while handling phone calls.
7. Demonstrate the ability to activate the JIC per EPIP. (G.7)
 - a. JIC activation discussed with CECC director and State officials and GM, Client Services.
 - b. Press releases written, reviewed and approved in a timely manner.
 - c. The news releases developed by the CECC communications staff provided an accurate representation of the plant conditions.
 - d. The JIC promptly distributed news releases to the media.
 - e. Media representatives in the JIC responded to media calls in a timely manner with correct information.
8. Emergency Preparedness support activities such as status boards and human performance tools are demonstrated throughout the drill in the JIC.(H.7)
 - a. Status boards were used and kept current.
 - b. Procedures were correctly used.
 - c. Logs can be constructed from data documented on status boards, written in procedures, electronic logs maintained in emergency centers, press releases, and retained notes.
 - d. Human performance tools were used to ensure error free performance.

9. Demonstrate the ability to develop, control and manage the drill per EPDP-3(P.1)
- a. Controller messages delivered on time and to the correct person.
 - b. Controllers ensured the simulator operator was notified of changing plant conditions.
 - c. Data is transmitted to players accurately (when earned).
 - d. Protect confidential drill information from players.
 - e. Needed drill information is developed and supplied to controller in the scenario package.
 - f. Controllers did not prompt, coach, or otherwise interfere with the performance of drill personnel.
 - g. Personnel participating in the exercise were not pre-positioned prior to commencement.

Controller Name _____ Location _____

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Controller Name _____ Location _____

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Controller Name _____ Location _____

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13 Release Rates

Clock Time	Type	Release Path: Containment Filtered via Shield Bldg. Exhaust		
		NOBLE GASES ($\mu\text{C}/\text{sec}$)	I131 ($\mu\text{C}/\text{sec}$)	PARTICULATE ($\mu\text{C}/\text{sec}$)
10:46-11:00	Gap	1.26E+03	7.7295E-02	1.4185E-02
11:01-11:15	Gap	2.09E+05	1.3070E+01	2.4004E+00
11:16-11:30	Gap	6.72E+05	4.2788E+01	7.8646E+00
11:31-11:45	Gap	1.11E+06	7.1886E+01	1.3223E+01
11:46-12:00	Gap	1.53E+06	1.0069E+02	1.8535E+01
12:01-12:15	Gap	1.83E+06	1.2227E+02	2.2526E+01
12:16-12:30	Gap	1.85E+06	1.2539E+02	2.3119E+01
12:31-12:45	Gap	1.85E+06	1.2710E+02	2.3453E+01
12:46-13:00	Gap	1.85E+06	1.2875E+02	2.3776E+01
13:01-13:15	Gap	1.85E+06	1.3034E+02	2.4088E+01
13:16-13:30	Gap	1.84E+06	1.3115E+02	2.4257E+01
13:31-13:45	Gap	1.84E+06	1.3261E+02	2.4546E+01
13:46-14:00	Gap	1.84E+06	1.3401E+02	1.4826E+01

14 Fuel Damage

Reactor Shutdown occurs at ~00:21 Scenario Time (08:21)

The radioactivity from the fuel damage of Unit 1 is released from the reactor coolant system to containment. At ~01:30 Scenario Time (09:30) the containment fails into the annulus. The release path is filtered and released via the Shield Building Exhaust. Clad Damage (Gap Release) occurs at ~02:45 Scenario Time (10:45) after cold water is injected onto the core.

Scenario Time (hr:min)	Clock Time (hr:min)	1-RE-271 (R/hr)	CECC EPIP-19 Fuel Damage Estimate in % {type}	1-RE-272 (R/hr)	CECC EPIP-19 Fuel Damage Estimate in % {type}	1-RE-273 (R/hr)	CECC EPIP-19 Fuel Damage Estimate in % {type}	1-RE-274 (R/hr)	CECC EPIP-19 Fuel Damage Estimate in % {type}	Type of Fuel Damage (Told to Dose Assessment)
00:00	8:00	1.8	0	1.6	0	3.5	0	4.1	0	None (RCS)
00:15	8:15	1.8	0	1.6	0	3.5	0	4.1	0	None (RCS)
00:30	8:30	1	10.9 {RCS}	1	10.9 {RCS}	1	21 {RCS}	1	14.5 {RCS}	None (RCS)
00:45	8:45	1	12 {RCS}	1	12 {RCS}	1	23.3 {RCS}	1	16 {RCS}	None (RCS)
01:00	9:00	1	13.2 {RCS}	1	13.2 {RCS}	1	25.6 {RCS}	1	17.6 {RCS}	None (RCS)
01:15	9:15	1	14.4 {RCS}	1	14.4 {RCS}	1	28 {RCS}	1	19.3 {RCS}	None (RCS)
01:30	9:30	1	15.6 {RCS}	1	15.6 {RCS}	1	30.2 {RCS}	1	20.9 {RCS}	None (RCS)
01:45	9:45	1	16.8 {RCS}	1	16.8 {RCS}	1	32.4 {RCS}	1	22.4 {RCS}	None (RCS)
02:00	10:00	1	18.1 {RCS}	1	18.1 {RCS}	1	34.9 {RCS}	1	24.1 {RCS}	None (RCS)
02:15	10:15	1	19.6 {RCS}	1	19.6 {RCS}	1	37.9 {RCS}	1	26.2 {RCS}	None (RCS)
02:30	10:30	1	20.6 {RCS}	1	20.6 {RCS}	1	39.8 {RCS}	1	27.5 {RCS}	None (RCS)
02:45	10:45	1	21.1 {RCS}	1	21.1 {RCS}	86	2.2 {Clad}	86	1.6 {Clad}	Gap (Gap)
03:00	11:00	1.1	23.9 {RCS}	1.1	23.9 {RCS}	120	3.1 {Clad}	120	2.2 {Clad}	Gap (Gap)
03:15	11:15	1.4	31.2 {RCS}	1.4	31.2 {RCS}	88	2.3 {Clad}	88	1.7 {Clad}	Gap (Gap)
03:30	11:30	3	68.8 {RCS}	2.9	66.5 {RCS}	72	2 {Clad}	72	1.4 {Clad}	Gap (Gap)
03:45	11:45	3.8	89.6 {RCS}	3.6	84.9 {RCS}	63	1.8 {Clad}	63	1.3 {Clad}	Gap (Gap)
04:00	12:00	4.4	0.1 {Clad}	4.2	0.1 {Clad}	56	1.6 {Clad}	56	1.2 {Clad}	Gap (Gap)
04:15	12:15	4.9	0.1 {Clad}	4.7	0.1 {Clad}	49	1.5 {Clad}	49	1.1 {Clad}	Gap (Gap)
04:30	12:30	5.2	0.1 {Clad}	5	0.1 {Clad}	43	1.3 {Clad}	43	1 {Clad}	Gap (Gap)
04:45	12:45	5.5	0.1 {Clad}	5.3	0.1 {Clad}	38	1.2 {Clad}	38	0.9 {Clad}	Gap (Gap)
05:00	13:00	5.8	0.1 {Clad}	5.5	0.1 {Clad}	34	1.1 {Clad}	34	0.8 {Clad}	Gap (Gap)

September 14, 2016

[SQN GRADED EXERCISE]

Scenario Time (hr:min)	Clock Time (hr:min)	1-RE-271 (R/hr)	CECC EPIP-19 Fuel Damage Estimate in % {type}	1-RE-272 (R/hr)	CECC EPIP-19 Fuel Damage Estimate in % {type}	1-RE-273 (R/hr)	CECC EPIP-19 Fuel Damage Estimate in % {type}	1-RE-274 (R/hr)	CECC EPIP-19 Fuel Damage Estimate in % {type}	Type of Fuel Damage (Told to Dose Assessment)
05:15	13:15	5.9	0.2 {Clad}	5.7	0.1 {Clad}	30	1 {Clad}	30	0.7 {Clad}	Gap (Gap)
05:30	13:30	6.1	0.2 {Clad}	5.9	0.2 {Clad}	27	1 {Clad}	27	0.7 {Clad}	Gap (Gap)
05:45	13:45	6.3	0.2 {Clad}	6	0.2 {Clad}	24	0.9 {Clad}	24	0.6 {Clad}	Gap (Gap)
06:00	14:00	6.4	0.2 {Clad}	6.2	0.2 {Clad}	22	0.9 {Clad}	22	0.6 {Clad}	Gap (Gap)

15 In-Plant Radiation Monitor Data

06-01-2016 19:03:27 SQN 9-14-2016
 Radmonitor Report Number 1 Page 1
 * - Hi Alarm
 # - HiHi Alarm
 @ - HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	1RM-001	2RM-001	ORM-102	ORM-103	ORM-005	1RM-006	2RM-006	1RM-280	2RM-280	1RM-007	2RM-007	
	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	
	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	
	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	
00:00	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.2E+00	1.3E-01	00:00
00:01	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.3E+00	1.3E-01	00:01
00:02	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.3E+00	1.3E-01	00:02
00:03	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	00:03
00:04	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	00:04
00:05	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	00:05
00:10	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.5E+00	1.3E-01	00:10
00:15	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.6E+00	1.3E-01	00:15
00:20	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.7E+00	1.3E-01	00:20
00:21	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.6E+00	1.3E-01	00:21
00:22	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.7E+00	1.3E-01	00:22
00:23	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.7E+00	1.3E-01	00:23
00:24	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.7E+00	1.3E-01	00:24
00:25	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.7E+00	1.3E-01	00:25
00:30	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.7E+00	1.3E-01	00:30
00:35	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.6E+00	1.3E-01	00:35
00:40	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.6E+00	1.3E-01	00:40
00:45	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.6E+00	1.3E-01	00:45
00:50	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.6E+00	1.3E-01	00:50
00:55	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.6E+00	1.3E-01	00:55
01:00	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.6E+00	1.3E-01	01:00
01:05	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.6E+00	1.3E-01	01:05
01:10	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.6E+00	1.3E-01	01:10
01:15	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.6E+00	1.3E-01	01:15
01:20	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.6E+00	1.3E-01	01:20
01:25	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.5E+00	1.3E-01	01:25
01:30	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.5E+00	1.3E-01	01:30
01:35	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.5E+00	1.3E-01	01:35
01:40	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.5E+00	1.3E-01	01:40
01:45	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.5E+00	1.3E-01	01:45
01:50	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.5E+00	1.3E-01	01:50
01:55	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.5E+00	1.3E-01	01:55
02:00	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.5E+00	1.3E-01	02:00
02:05	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.5E+00	1.3E-01	02:05
02:10	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.5E+00	1.3E-01	02:10

06-01-2016 19:03:27 SQN 9-14-2016
 Radmonitor Report Number 1 Page 2
 * - Hi Alarm
 # - HiHi Alarm
 @ - HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	1RM-001	2RM-001	ORM-102	ORM-103	ORM-005	1RM-006	2RM-006	1RM-280	2RM-280	1RM-007	2RM-007	
	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	
	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	
	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	
02:15	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.5E+00	1.3E-01	02:15
02:20	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.5E+00	1.3E-01	02:20
02:25	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.5E+00	1.3E-01	02:25
02:30	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	02:30
02:35	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	02:35
02:36	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	02:36
02:37	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	02:37
02:38	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	02:38
02:39	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	02:39
02:40	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	02:40
02:45	1.1E-01	1.1E-01	1.4E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	02:45
02:50	1.3E-01	1.3E-01	1.6E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	02:50
02:55	1.6E-01	1.6E-01	2.0E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	02:55
03:00	2.2E-01	2.2E-01	2.9E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	03:00
03:05	3.0E-01	3.0E-01	4.0E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	03:05
03:10	4.0E-01	4.0E-01	5.2E-01	3.1E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	03:10
03:15	5.0E-01	5.0E-01	6.5E-01	3.2E-01	1.2E-01	1.2E-01	1.2E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	03:15
03:20	6.1E-01	6.1E-01	7.8E-01	3.3E-01	1.2E-01	1.2E-01	1.2E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	03:20
03:25	7.2E-01	7.2E-01	9.1E-01	3.4E-01	1.3E-01	1.4E-01	1.4E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	03:25
03:30	8.2E-01	8.3E-01	1.0E+00	3.6E-01	1.4E-01	1.5E-01	1.5E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	03:30
03:35	9.3E-01	9.3E-01	1.1E+00	3.9E-01	1.6E-01	1.7E-01	1.7E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	03:35
03:40	1.1E+00	1.1E+00	1.3E+00	4.1E-01	1.8E-01	1.9E-01	2.0E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	03:40
03:45	1.2E+00	1.2E+00	1.4E+00	4.4E-01	2.0E-01	2.2E-01	2.2E-01	1.1E-01	1.3E-01	1.4E+00	1.3E-01	03:45
03:50	1.3E+00	1.3E+00	1.5E+00	4.8E-01	2.2E-01	2.5E-01	2.5E-01	1.2E-01	1.4E-01	1.4E+00	1.3E-01	03:50
03:55	1.4E+00	1.4E+00	1.6E+00	5.1E-01	2.5E-01	2.8E-01	2.8E-01	1.2E-01	1.4E-01	1.4E+00	1.4E-01	03:55
04:00	1.5E+00	1.5E+00	1.7E+00	5.5E-01	2.7E-01	3.1E-01	3.1E-01	1.2E-01	1.4E-01	1.4E+00	1.4E-01	04:00
04:05	1.6E+00	1.6E+00	1.7E+00	5.9E-01	3.0E-01	3.4E-01	3.5E-01	1.2E-01	1.5E-01	1.4E+00	1.4E-01	04:05
04:10	1.7E+00	1.7E+00	1.8E+00	6.4E-01	3.3E-01	3.8E-01	3.9E-01	1.3E-01	1.5E-01	1.4E+00	1.4E-01	04:10
04:15	1.7E+00	1.8E+00	1.8E+00	6.8E-01	3.6E-01	4.2E-01	4.2E-01	1.3E-01	1.5E-01	1.4E+00	1.5E-01	04:15
04:20	1.8E+00	1.8E+00	1.8E+00	7.2E-01	3.9E-01	4.5E-01	4.6E-01	1.3E-01	1.6E-01	1.4E+00	1.5E-01	04:20
04:25	1.8E+00	1.9E+00	1.8E+00	7.6E-01	4.2E-01	4.9E-01	5.0E-01	1.4E-01	1.6E-01	1.3E+00	1.6E-01	04:25
04:30	1.9E+00	1.9E+00	1.9E+00	7.9E-01	4.5E-01	5.2E-01	5.3E-01	1.4E-01	1.7E-01	1.3E+00	1.6E-01	04:30
04:35	1.9E+00	2.0E+00	1.9E+00	8.3E-01	4.7E-01	5.5E-01	5.6E-01	1.4E-01	1.7E-01	1.3E+00	1.7E-01	04:35
04:40	2.0E+00	2.0E+00	1.9E+00	8.6E-01	5.0E-01	5.8E-01	5.9E-01	1.5E-01	1.8E-01	1.3E+00	1.8E-01	04:40
04:45	2.0E+00	2.1E+00	1.9E+00	8.9E-01	5.2E-01	6.1E-01	6.2E-01	1.5E-01	1.8E-01	1.3E+00	1.8E-01	04:45

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 * - Hi Alarm
 # - HiHi Alarm
 @ - HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	1RM-001	2RM-001	ORM-102	ORM-103	ORM-005	1RM-006	2RM-006	1RM-280	2RM-280	1RM-007	2RM-007	
	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	
	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	
	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr	
04:50	2.1E+00	2.1E+00	1.9E+00	9.2E-01	5.4E-01	6.4E-01	6.5E-01	1.6E-01	1.9E-01	1.3E+00	1.9E-01	04:50
04:55	2.1E+00	2.2E+00	1.9E+00	9.5E-01	5.6E-01	6.6E-01	6.7E-01	1.6E-01	1.9E-01	1.3E+00	2.0E-01	04:55
05:00	2.1E+00	2.2E+00	2.0E+00	9.7E-01	5.8E-01	6.9E-01	7.0E-01	1.7E-01	2.0E-01	1.3E+00	2.1E-01	05:00
05:05	2.2E+00	2.2E+00	2.0E+00	1.0E+00	6.0E-01	7.1E-01	7.2E-01	1.7E-01	2.0E-01	1.4E+00	2.1E-01	05:05
05:10	2.2E+00	2.3E+00	2.0E+00	1.0E+00	6.2E-01	7.3E-01	7.4E-01	1.7E-01	2.1E-01	1.4E+00	2.2E-01	05:10
05:15	2.2E+00	2.3E+00	2.0E+00	1.0E+00	6.4E-01	7.5E-01	7.6E-01	1.8E-01	2.1E-01	1.4E+00	2.3E-01	05:15
05:20	2.3E+00	2.3E+00	2.0E+00	1.1E+00	6.5E-01	7.7E-01	7.8E-01	1.8E-01	2.2E-01	1.4E+00	2.4E-01	05:20
05:25	2.3E+00	2.3E+00	2.0E+00	1.1E+00	6.7E-01	7.9E-01	8.0E-01	1.9E-01	2.2E-01	1.4E+00	2.5E-01	05:25
05:30	2.3E+00	2.4E+00	2.0E+00	1.1E+00	6.8E-01	8.0E-01	8.2E-01	1.9E-01	2.2E-01	1.4E+00	2.6E-01	05:30
05:35	2.3E+00	2.4E+00	2.0E+00	1.1E+00	6.9E-01	8.2E-01	8.3E-01	1.9E-01	2.3E-01	1.4E+00	2.7E-01	05:35
05:40	2.3E+00	2.4E+00	2.0E+00	1.1E+00	7.0E-01	8.3E-01	8.5E-01	2.0E-01	2.3E-01	1.4E+00	2.8E-01	05:40
05:45	2.3E+00	2.4E+00	2.0E+00	1.1E+00	7.1E-01	8.5E-01	8.6E-01	2.0E-01	2.4E-01	1.4E+00	2.9E-01	05:45
05:50	2.3E+00	2.4E+00	2.0E+00	1.1E+00	7.2E-01	8.6E-01	8.7E-01	2.0E-01	2.4E-01	1.4E+00	3.0E-01	05:50
05:55	2.3E+00	2.4E+00	2.0E+00	1.2E+00	7.3E-01	8.7E-01	8.9E-01	2.0E-01	2.4E-01	1.4E+00	3.1E-01	05:55
06:00	2.4E+00	2.4E+00	2.0E+00	1.2E+00	7.4E-01	8.8E-01	9.0E-01	2.1E-01	2.4E-01	1.4E+00	3.2E-01	06:00

**** END OF REPORT ****

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* - Hi Alarm
- HiHi Alarm
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SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	1RM-008	2RM-008	1RM-010	2RM-010	ORM-011	ORM-135	ORM-125	ORM-126	ORM-205	ORM-206	ORM-09	
	.1	.1	.1	.1	.1	.1	10	10	10	10	.1	
	10000	10000	10000	10000	10000	10000	1E+07	1E+07	1E+07	1E+07	10000	
	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	cpm	cpm	cpm	cpm	mr/hr	
00:00	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:00
00:01	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:01
00:02	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:02
00:03	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:03
00:04	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:04
00:05	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:05
00:10	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:10
00:15	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:15
00:20	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:20
00:21	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:21
00:22	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:22
00:23	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:23
00:24	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:24
00:25	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:25
00:30	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:30
00:35	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:35
00:40	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:40
00:45	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:45
00:50	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:50
00:55	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	00:55
01:00	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	01:00
01:05	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	01:05
01:10	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	01:10
01:15	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	01:15
01:20	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	01:20
01:25	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	01:25
01:30	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	01:30
01:35	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	01:35
01:40	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	01:40
01:45	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	01:45
01:50	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	01:50
01:55	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.2E+01	4.6E+01	3.6E+01	3.7E+01	1.1E-01	01:55
02:00	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	2.0E+03@	2.0E+03@	2.0E+03@	2.0E+03@	1.1E-01	02:00
02:05	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.9E+03@	3.9E+03@	3.9E+03@	3.9E+03@	1.1E-01	02:05
02:10	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	5.3E+03@	5.3E+03@	5.3E+03@	5.3E+03@	1.1E-01	02:10

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Radmonitor Report Number 2 Page 2
* - Hi Alarm
- HiHi Alarm
@ - HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	IRM-008	2RM-008	IRM-010	2RM-010	ORM-011	ORM-135	ORM-125	ORM-126	ORM-205	ORM-206	ORM-09	
	.1	.1	.1	.1	.1	.1	10	10	10	10	.1	
	10000	10000	10000	10000	10000	10000	1E+07	1E+07	1E+07	1E+07	10000	
	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	cpm	cpm	cpm	cpm	mr/hr	
02:15	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	6.6E+03@	6.6E+03@	6.6E+03@	6.6E+03@	1.1E-01	02:15
02:20	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	7.7E+03@	7.7E+03@	7.7E+03@	7.7E+03@	1.1E-01	02:20
02:25	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	8.8E+03@	8.8E+03@	8.8E+03@	8.8E+03@	1.1E-01	02:25
02:30	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	9.8E+03@	9.8E+03@	9.8E+03@	9.8E+03@	1.1E-01	02:30
02:35	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	1.1E+04@	1.1E+04@	1.1E+04@	1.1E+04@	1.1E-01	02:35
02:36	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	2.5E+03@	2.6E+03@	2.5E+03@	2.5E+03@	1.1E-01	02:36
02:37	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.0E+03@	3.0E+03@	3.0E+03@	3.0E+03@	1.1E-01	02:37
02:38	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.4E+03@	3.4E+03@	3.4E+03@	3.4E+03@	1.1E-01	02:38
02:39	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	3.9E+03@	3.9E+03@	3.9E+03@	3.9E+03@	1.1E-01	02:39
02:40	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	4.4E+03@	4.4E+03@	4.4E+03@	4.4E+03@	1.1E-01	02:40
02:45	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	1.7E+04@	1.7E+04@	1.7E+04@	1.7E+04@	1.1E-01	02:45
02:50	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	1.7E+04@	1.7E+04@	1.7E+04@	1.7E+04@	1.1E-01	02:50
02:55	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	1.7E+04@	1.7E+04@	1.7E+04@	1.7E+04@	1.1E-01	02:55
03:00	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	1.6E+04@	1.6E+04@	1.6E+04@	1.6E+04@	1.1E-01	03:00
03:05	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	5.4E+06@	5.4E+06@	5.4E+06@	5.4E+06@	1.1E-01	03:05
03:10	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	1.1E-01	03:10
03:15	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	1.1E-01	03:15
03:20	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	1.1E-01	03:20
03:25	1.1E-01	1.2E-01	1.5E-01	1.1E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	1.2E-01	03:25
03:30	1.2E-01	1.3E-01	1.6E-01	1.2E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	1.2E-01	03:30
03:35	1.2E-01	1.3E-01	1.6E-01	1.2E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	1.2E-01	03:35
03:40	1.3E-01	1.4E-01	1.6E-01	1.2E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	1.3E-01	03:40
03:45	1.3E-01	1.5E-01	1.6E-01	1.2E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	1.4E-01	03:45
03:50	1.4E-01	1.5E-01	1.7E-01	1.3E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	1.4E-01	03:50
03:55	1.5E-01	1.6E-01	1.7E-01	1.3E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	1.5E-01	03:55
04:00	1.6E-01	1.8E-01	1.8E-01	1.4E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	1.6E-01	04:00
04:05	1.7E-01	1.9E-01	1.8E-01	1.4E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	1.7E-01	04:05
04:10	1.9E-01	2.0E-01	1.9E-01	1.5E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	1.8E-01	04:10
04:15	2.0E-01	2.2E-01	1.9E-01	1.6E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	1.9E-01	04:15
04:20	2.2E-01	2.4E-01	2.0E-01	1.6E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	2.0E-01	04:20
04:25	2.4E-01	2.6E-01	2.0E-01	1.7E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	2.1E-01	04:25
04:30	2.6E-01	2.8E-01	2.1E-01	1.8E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	2.2E-01	04:30
04:35	2.7E-01	3.0E-01	2.2E-01	1.8E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	2.3E-01	04:35
04:40	2.9E-01	3.2E-01	2.2E-01	1.9E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	2.4E-01	04:40
04:45	3.1E-01	3.4E-01	2.3E-01	2.0E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	2.6E-01	04:45

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* - Hi Alarm
- HiHi Alarm
@ - HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	1RM-008	2RM-008	1RM-010	2RM-010	ORM-011	ORM-135	ORM-125	ORM-126	ORM-205	ORM-206	ORM-09	
	.1	.1	.1	.1	.1	.1	10	10	10	10	.1	
	10000	10000	10000	10000	10000	10000	1E+07	1E+07	1E+07	1E+07	10000	
	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	mr/hr	cpm	cpm	cpm	cpm	mr/hr	
04:50	3.3E-01	3.6E-01	2.4E-01	2.0E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	2.7E-01	04:50
04:55	3.5E-01	3.8E-01	2.4E-01	2.1E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	2.8E-01	04:55
05:00	3.7E-01	4.0E-01	2.5E-01	2.2E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	2.9E-01	05:00
05:05	3.9E-01	4.2E-01	2.6E-01	2.3E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	3.1E-01	05:05
05:10	4.1E-01	4.4E-01	2.6E-01	2.3E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	3.2E-01	05:10
05:15	4.3E-01	4.7E-01	2.7E-01	2.4E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	3.3E-01	05:15
05:20	4.5E-01	4.9E-01	2.8E-01	2.5E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	3.5E-01	05:20
05:25	4.7E-01	5.1E-01	2.8E-01	2.6E-01	5.0E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	3.6E-01	05:25
05:30	4.9E-01	5.3E-01	2.9E-01	2.6E-01	5.1E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	3.7E-01	05:30
05:35	5.1E-01	5.5E-01	3.0E-01	2.7E-01	5.1E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	3.9E-01	05:35
05:40	5.3E-01	5.7E-01	3.1E-01	2.8E-01	5.1E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	4.0E-01	05:40
05:45	5.4E-01	5.8E-01	3.1E-01	2.9E-01	5.1E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	4.1E-01	05:45
05:50	5.6E-01	6.0E-01	3.2E-01	3.0E-01	5.1E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	4.3E-01	05:50
05:55	5.8E-01	6.2E-01	3.3E-01	3.0E-01	5.1E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	4.4E-01	05:55
06:00	5.9E-01	6.4E-01	3.4E-01	3.1E-01	5.1E-01	1.1E-01	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	4.5E-01	06:00

*** END OF REPORT ***

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 Radmonitor Report Number 3 Page 1
 * - Hi Alarm
 # - HiHi Alarm
 @ - HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	ORM-101B	1RM-260	1RM-261	2RM-260	2RM-261	1RM-400	2RM-400	1RM-130	1RM-131	2RM-130	2RM-131	ORM-118	
	10 1E+07 cpm	.1 10000 mtr/hr	1000 1E+07 mtr/hr	.1 10000 mtr/hr	1000 1E+07 mtr/hr	.01 1.3E+10 uC/sec	.01 1E+10 uC/sec	10 1E+07 cpm	10 1E+07 cpm	10 1E+07 cpm	10 1E+07 cpm	10 1E+07 cpm	
00:00	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:00
00:01	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:01
00:02	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:02
00:03	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:03
00:04	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:04
00:05	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:05
00:10	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:10
00:15	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:15
00:20	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:20
00:21	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:21
00:22	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:22
00:23	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:23
00:24	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:24
00:25	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:25
00:30	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:30
00:35	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:35
00:40	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:40
00:45	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:45
00:50	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:50
00:55	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	100:55
01:00	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	101:00
01:05	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	101:05
01:10	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	101:10
01:15	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	101:15
01:20	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	101:20
01:25	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	101:25
01:30	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	101:30
01:35	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	101:35
01:40	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	101:40
01:45	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	101:45
01:50	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E-01	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	101:50
01:55	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	1.1E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	101:55
02:00	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	2.5E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	102:00
02:05	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	3.3E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	102:05
02:10	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	4.0E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	102:10

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 * - Hi Alarm
 # - HiHi Alarm
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SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	ORM-101B	1RM-260	1RM-261	2RM-260	2RM-261	1RM-400	2RM-400	1RM-130	1RM-131	2RM-130	2RM-131	ORM-118	
	10 1E+07 cpm	.1 10000 mR/hr	1000 1E+07 mR/hr	.1 10000 mR/hr	1000 1E+07 mR/hr	.01 1.3E+10 uCi/sec	.01 1E+10 uCi/sec	10 1E+07 cpm	10 1E+07 cpm	10 1E+07 cpm	10 1E+07 cpm	10 1E+07 cpm	
02:15	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	4.6E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	02:15
02:20	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	5.2E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	02:20
02:25	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	5.7E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	02:25
02:30	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	6.3E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	02:30
02:35	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	6.8E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	02:35
02:36	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	7.3E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	02:36
02:37	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	7.8E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	02:37
02:38	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	8.3E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	02:38
02:39	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	8.8E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	02:39
02:40	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	9.2E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	02:40
02:45	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	9.4E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	02:45
02:50	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	9.4E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	02:50
02:55	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	9.3E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	02:55
03:00	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	9.8E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	03:00
03:05	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	8.1E+00	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	03:05
03:10	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	2.0E+05	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	03:10
03:15	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	3.4E+05	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	03:15
03:20	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	5.0E+05	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	03:20
03:25	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	6.7E+05	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	03:25
03:30	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	8.4E+05	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	03:30
03:35	3.9E+01	1.1E-01	1.0E+03	1.1E-01	1.0E+03	9.8E+05	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	03:35
03:40	3.9E+01	1.2E-01	1.0E+03	1.2E-01	1.0E+03	1.1E+06	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	03:40
03:45	3.9E+01	1.2E-01	1.0E+03	1.2E-01	1.0E+03	1.2E+06	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	03:45
03:50	3.9E+01	1.2E-01	1.0E+03	1.2E-01	1.0E+03	1.3E+06	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	03:50
03:55	3.9E+01	1.2E-01	1.0E+03	1.2E-01	1.0E+03	1.5E+06	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	03:55
04:00	3.9E+01	1.2E-01	1.0E+03	1.2E-01	1.0E+03	1.7E+06	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	04:00
04:05	3.9E+01	1.3E-01	1.0E+03	1.3E-01	1.0E+03	1.8E+06	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	04:05
04:10	3.9E+01	1.3E-01	1.0E+03	1.3E-01	1.0E+03	1.8E+06	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	04:10
04:15	4.0E+01	1.3E-01	1.0E+03	1.3E-01	1.0E+03	1.9E+06	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	04:15
04:20	4.0E+01	1.3E-01	1.0E+03	1.3E-01	1.0E+03	1.9E+06	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	04:20
04:25	4.0E+01	1.4E-01	1.0E+03	1.3E-01	1.0E+03	1.9E+06	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	04:25
04:30	4.0E+01	1.4E-01	1.0E+03	1.4E-01	1.0E+03	1.9E+06	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	04:30
04:35	4.0E+01	1.4E-01	1.0E+03	1.4E-01	1.0E+03	1.9E+06	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	04:35
04:40	4.0E+01	1.4E-01	1.0E+03	1.4E-01	1.0E+03	1.9E+06	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	04:40
04:45	4.0E+01	1.4E-01	1.0E+03	1.4E-01	1.0E+03	1.9E+06	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	04:45

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 * - Hi Alarm
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SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	ORM-101B	IRM-260	IRM-261	2RM-260	2RM-261	1RM-400	2RM-400	1RM-130	1RM-131	2RM-130	2RM-131	ORM-118	
	10	.1	1000	.1	1000	.01	.01	10	10	10	10	10	
	1E+07	10000	1E+07	10000	1E+07	1.3E+10	1E+10	1E+07	1E+07	1E+07	1E+07	1E+07	
	cpm	mc/hr	mc/hr	mc/hr	mc/hr	uCi/sec	uCi/sec	cpm	cpm	cpm	cpm	cpm	
04:50	4.0E+01	1.5E-01	1.0E+03	1.4E-01	1.0E+03	1.9E+06@	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	04:50
04:55	4.0E+01	1.5E-01	1.0E+03	1.4E-01	1.0E+03	1.9E+06@	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	04:55
05:00	4.0E+01	1.5E-01	1.0E+03	1.5E-01	1.0E+03	1.9E+06@	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	05:00
05:05	4.0E+01	1.5E-01	1.0E+03	1.5E-01	1.0E+03	1.8E+06@	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	05:05
05:10	4.0E+01	1.5E-01	1.0E+03	1.5E-01	1.0E+03	1.8E+06@	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	05:10
05:15	4.0E+01	1.5E-01	1.0E+03	1.5E-01	1.0E+03	1.8E+06@	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	05:15
05:20	4.0E+01	1.5E-01	1.0E+03	1.5E-01	1.0E+03	1.8E+06@	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	05:20
05:25	4.0E+01	1.5E-01	1.0E+03	1.5E-01	1.0E+03	1.8E+06@	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	05:25
05:30	4.0E+01	1.5E-01	1.0E+03	1.5E-01	1.0E+03	1.8E+06@	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	05:30
05:35	4.0E+01	1.5E-01	1.0E+03	1.5E-01	1.0E+03	1.8E+06@	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	05:35
05:40	4.0E+01	1.5E-01	1.0E+03	1.5E-01	1.0E+03	1.8E+06@	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	05:40
05:45	4.0E+01	1.5E-01	1.0E+03	1.5E-01	1.0E+03	1.8E+06@	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	05:45
05:50	4.0E+01	1.5E-01	1.0E+03	1.5E-01	1.0E+03	1.8E+06@	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	05:50
05:55	4.0E+01	1.5E-01	1.0E+03	1.5E-01	1.0E+03	1.8E+06@	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	05:55
06:00	4.0E+01	1.5E-01	1.0E+03	1.5E-01	1.0E+03	1.8E+06@	8.0E-02	6.6E+01	1.3E+02	8.5E+01	1.4E+02	3.3E+01	06:00

*** END OF REPORT ***

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SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	1RM-106A	1RM-106B	1RM-112A	1RM-112B	1RM-060	1RM-061	1RM-271	1RM-272	1RM-273	1RM-274	1RM-059	
	10	10	10	10	.1	.1	1	1	1	1	.1	
	1E+07	1E+07	1E+07	1E+07	10000	10000	1E+08	1E+08	1E+08	1E+08	10000	
	cpm	cpm	cpm	cpm	mt/hr	mr/hr	R/hr	R/hr	R/hr	R/hr	mr/hr	
00:00	1.1E+02	8.0E+03	1.1E+02	6.5E+01	2.0E+00	2.0E+00	1.8E+00	1.6E+00	3.5E+00	4.1E+00	2.0E+00	00:00
00:01	1.1E+02	8.0E+03	1.1E+02	6.5E+01	2.0E+00	2.0E+00	1.8E+00	1.6E+00	3.5E+00	4.1E+00	2.0E+00	00:01
00:02	1.1E+02	8.0E+03	1.1E+02	6.5E+01	2.0E+00	2.0E+00	1.8E+00	1.6E+00	3.5E+00	4.1E+00	2.0E+00	00:02
00:03	1.1E+02	6.9E+05@	1.1E+02	6.6E+01	2.0E+00	2.0E+00	1.8E+00	1.6E+00	3.5E+00	4.1E+00	2.0E+00	00:03
00:04	1.2E+02	1.4E+06@	1.1E+02	6.9E+01	2.0E+00	2.0E+00	1.8E+00	1.6E+00	3.5E+00	4.1E+00	2.0E+00	00:04
00:05	1.2E+02	2.0E+06@	1.1E+02	7.3E+01	2.0E+00	2.0E+00	1.8E+00	1.6E+00	3.5E+00	4.1E+00	2.0E+00	00:05
00:10	2.5E+02	1.0E+07@	1.1E+02	3.2E+02	2.0E+00	2.0E+00	1.8E+00	1.6E+00	3.5E+00	4.1E+00	2.0E+00	00:10
00:15	3.6E+02	1.0E+07@	1.1E+02	6.5E+02	2.0E+00	2.0E+00	1.8E+00	1.6E+00	3.5E+00	4.1E+00	2.0E+00	00:15
00:20	4.8E+02	1.0E+07@	1.1E+02	1.1E+03	2.0E+00	2.0E+00	1.8E+00	1.6E+00	3.5E+00	4.1E+00	2.0E+00	00:20
00:21	2.2E+02	1.0E+07@	1.1E+02	5.4E+02	2.0E+00	2.0E+00	1.8E+00	1.6E+00	3.5E+00	4.1E+00	2.0E+00	00:21
00:22	2.5E+02	1.0E+07@	1.1E+02	9.0E+02	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	00:22
00:23	2.9E+02	1.0E+07@	1.1E+02	1.3E+03	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	00:23
00:24	3.2E+02	1.0E+07@	1.1E+02	1.9E+03	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	00:24
00:25	3.5E+02	1.0E+07@	1.1E+02	2.5E+03	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	00:25
00:30	1.9E+03	1.0E+07@	1.1E+02	3.6E+04	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	00:30
00:35	2.7E+03	1.0E+07@	1.1E+02	6.7E+04	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	00:35
00:40	3.4E+03	1.0E+07@	1.1E+02	1.0E+05	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	00:40
00:45	4.0E+03	1.0E+07@	1.1E+02	1.5E+05@	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	00:45
00:50	4.6E+03	1.0E+07@	1.1E+02	1.9E+05@	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	00:50
00:55	5.1E+03	1.0E+07@	1.1E+02	2.5E+05@	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	00:55
01:00	5.6E+03	1.0E+07@	1.1E+02	3.0E+05@	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	01:00
01:05	5.9E+03	1.0E+07@	1.1E+02	3.5E+05@	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	01:05
01:10	6.2E+03	1.0E+07@	1.1E+02	4.1E+05@	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	01:10
01:15	6.5E+03	1.0E+07@	1.1E+02	4.7E+05@	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	01:15
01:20	6.7E+03	1.0E+07@	1.1E+02	5.3E+05@	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	01:20
01:25	6.8E+03	1.0E+07@	1.2E+02	6.4E+05@	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	01:25
01:30	6.8E+03	1.0E+07@	1.2E+02	7.9E+05@	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	01:30
01:35	5.8E+03	1.0E+07@	1.2E+02	1.1E+06@	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	01:35
01:40	4.2E+03	1.0E+07@	1.6E+02	6.2E+06@	2.0E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.0E+00	01:40
01:45	2.9E+03	1.0E+07@	3.6E+02	1.0E+07@	2.1E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.1E+00	01:45
01:50	2.6E+03	1.0E+07@	3.7E+02	1.0E+07@	2.1E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.1E+00	01:50
01:55	2.4E+03	1.0E+07@	3.9E+02	1.0E+07@	2.1E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.1E+00	01:55
02:00	2.3E+03	1.0E+07@	4.0E+02	1.0E+07@	2.1E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.1E+00	02:00
02:05	2.2E+03	1.0E+07@	4.2E+02	1.0E+07@	2.1E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.1E+00	02:05
02:10	2.1E+03	1.0E+07@	4.4E+02	1.0E+07@	2.1E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.1E+00	02:10

September 14, 2016

[SQN GRADED EXERCISE]

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 Radmonitor Report Number 4 Page 2
 * - Hi Alarm
 # - HiHi Alarm
 @ - HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	1RM-106A	1RM-106B	1RM-112A	1RM-112B	1RM-060	1RM-061	1RM-271	1RM-272	1RM-273	1RM-274	1RM-059	
	10 1E+07 cpm	10 1E+07 cpm	10 1E+07 cpm	10 1E+07 cpm	.1 10000 mR/hr	.1 10000 mR/hr	1 1E+08 R/hr	1 1E+08 R/hr	1 1E+08 R/hr	1 1E+08 R/hr	.1 10000 mR/hr	
02:15	2.1E+03	1.0E+07	4.6E+02	1.0E+07	2.1E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.1E+00	02:15
02:20	2.0E+03	1.0E+07	4.6E+02	1.0E+07	2.1E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.1E+00	02:20
02:25	2.0E+03	1.0E+07	4.6E+02	1.0E+07	2.1E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.1E+00	02:25
02:30	2.0E+03	1.0E+07	4.6E+02	1.0E+07	2.1E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.1E+00	02:30
02:35	1.9E+03	1.0E+07	4.6E+02	1.0E+07	2.1E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.1E+00	02:35
02:36	5.1E+02	1.0E+07	1.8E+02	7.5E+06	2.1E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.1E+00	02:36
02:37	5.1E+02	1.0E+07	1.8E+02	7.5E+06	2.1E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.1E+00	02:37
02:38	5.0E+02	1.0E+07	1.8E+02	7.5E+06	2.1E+00	2.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00	2.1E+00	02:38
02:39	5.0E+02	1.0E+07	1.8E+02	7.5E+06	2.1E+00	2.0E+00	1.0E+00	1.0E+00	5.5E+01	5.5E+01	2.1E+00	02:39
02:40	1.0E+07	1.0E+07	6.1E+03	1.0E+07	2.6E+00	3.6E+00	1.0E+00	1.0E+00	6.2E+01	6.2E+01	2.6E+00	02:40
02:45	1.0E+07	1.0E+07	6.2E+05	1.0E+07	1.5E+01	1.1E+01	1.0E+00	1.0E+00	8.6E+01	8.6E+01	1.5E+01	02:45
02:50	1.0E+07	1.0E+07	1.5E+06	1.0E+07	3.7E+01	2.5E+01	1.0E+00	1.0E+00	1.0E+02	1.0E+02	3.7E+01	02:50
02:55	1.0E+07	1.0E+07	2.6E+06	1.0E+07	7.0E+01	4.8E+01	1.1E+00	1.1E+00	1.1E+02	1.1E+02	7.0E+01	02:55
03:00	1.0E+07	1.0E+07	3.8E+06	1.0E+07	1.1E+02	8.1E+01	1.1E+00	1.1E+00	1.2E+02	1.2E+02	1.1E+02	03:00
03:05	1.0E+07	1.0E+07	5.1E+06	1.0E+07	1.7E+02	1.2E+02	1.2E+00	1.2E+00	1.1E+02	1.1E+02	1.7E+02	03:05
03:10	1.0E+07	1.0E+07	6.2E+06	1.0E+07	2.3E+02	1.8E+02	1.2E+00	1.2E+00	9.6E+01	9.6E+01	2.3E+02	03:10
03:15	1.0E+07	1.0E+07	1.0E+07	1.0E+07	4.4E+02	2.4E+02	1.4E+00	1.4E+00	8.8E+01	8.8E+01	4.4E+02	03:15
03:20	1.0E+07	1.0E+07	1.0E+07	1.0E+07	8.3E+02	3.1E+02	1.8E+00	1.7E+00	8.2E+01	8.2E+01	8.3E+02	03:20
03:25	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.4E+03	3.9E+02	2.3E+00	2.2E+00	7.6E+01	7.6E+01	1.4E+03	03:25
03:30	1.0E+07	1.0E+07	1.0E+07	1.0E+07	2.2E+03	4.7E+02	3.0E+00	2.9E+00	7.2E+01	7.2E+01	2.2E+03	03:30
03:35	1.0E+07	1.0E+07	1.0E+07	1.0E+07	2.8E+03	5.5E+02	3.2E+00	3.1E+00	6.9E+01	6.9E+01	2.8E+03	03:35
03:40	1.0E+07	1.0E+07	1.0E+07	1.0E+07	3.3E+03	6.4E+02	3.5E+00	3.4E+00	6.6E+01	6.6E+01	3.3E+03	03:40
03:45	1.0E+07	1.0E+07	1.0E+07	1.0E+07	3.7E+03	7.2E+02	3.8E+00	3.6E+00	6.3E+01	6.3E+01	3.7E+03	03:45
03:50	1.0E+07	1.0E+07	1.0E+07	1.0E+07	4.2E+03	8.1E+02	4.0E+00	3.8E+00	6.1E+01	6.1E+01	4.2E+03	03:50
03:55	1.0E+07	1.0E+07	1.0E+07	1.0E+07	4.6E+03	9.0E+02	4.2E+00	4.0E+00	5.8E+01	5.8E+01	4.6E+03	03:55
04:00	1.0E+07	1.0E+07	1.0E+07	1.0E+07	5.0E+03	9.9E+02	4.4E+00	4.2E+00	5.6E+01	5.6E+01	5.0E+03	04:00
04:05	1.0E+07	1.0E+07	1.0E+07	1.0E+07	5.3E+03	1.1E+03	4.6E+00	4.4E+00	5.3E+01	5.3E+01	5.3E+03	04:05
04:10	1.0E+07	1.0E+07	1.0E+07	1.0E+07	5.6E+03	1.2E+03	4.7E+00	4.5E+00	5.1E+01	5.1E+01	5.6E+03	04:10
04:15	1.0E+07	1.0E+07	1.0E+07	1.0E+07	5.9E+03	1.3E+03	4.9E+00	4.7E+00	4.9E+01	4.9E+01	5.9E+03	04:15
04:20	1.0E+07	1.0E+07	1.0E+07	1.0E+07	6.2E+03	1.3E+03	5.0E+00	4.8E+00	4.7E+01	4.7E+01	6.2E+03	04:20
04:25	1.0E+07	1.0E+07	1.0E+07	1.0E+07	6.5E+03	1.4E+03	5.1E+00	4.9E+00	4.5E+01	4.5E+01	6.5E+03	04:25
04:30	1.0E+07	1.0E+07	1.0E+07	1.0E+07	6.7E+03	1.5E+03	5.2E+00	5.0E+00	4.3E+01	4.3E+01	6.7E+03	04:30
04:35	1.0E+07	1.0E+07	1.0E+07	1.0E+07	6.9E+03	1.6E+03	5.3E+00	5.1E+00	4.2E+01	4.2E+01	6.9E+03	04:35
04:40	1.0E+07	1.0E+07	1.0E+07	1.0E+07	7.1E+03	1.7E+03	5.4E+00	5.2E+00	4.0E+01	4.0E+01	7.1E+03	04:40
04:45	1.0E+07	1.0E+07	1.0E+07	1.0E+07	7.3E+03	1.7E+03	5.5E+00	5.3E+00	3.8E+01	3.8E+01	7.3E+03	04:45

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 Radmonitor Report Number 4 Page 3
 * - Hi Alarm
 # - HiHi Alarm
 @ - HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	1RM-106A	1RM-106B	1RM-112A	1RM-112B	1RM-060	1RM-061	1RM-271	1RM-272	1RM-273	1RM-274	1RM-059	
	10	10	10	10	.1	.1	1	1	1	1	.1	
	1E+07	1E+07	1E+07	1E+07	10000	10000	1E+08	1E+08	1E+08	1E+08	10000	
	cpm	cpm	cpm	cpm	mt/hr	mt/hr	R/hr	R/hr	R/hr	R/hr	mt/hr	
04:50	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	7.5E+03@	1.8E+03@	5.6E+00	5.4E+00	3.7E+01	3.7E+01	7.5E+03@	04:50
04:55	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	7.6E+03@	1.9E+03@	5.7E+00	5.5E+00	3.5E+01	3.5E+01	7.6E+03@	04:55
05:00	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	7.8E+03@	2.0E+03@	5.8E+00	5.5E+00	3.4E+01	3.4E+01	7.8E+03@	05:00
05:05	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	8.0E+03@	2.0E+03@	5.8E+00	5.6E+00	3.3E+01	3.3E+01	8.0E+03@	05:05
05:10	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	8.1E+03@	2.1E+03@	5.9E+00	5.7E+00	3.2E+01	3.2E+01	8.1E+03@	05:10
05:15	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	8.2E+03@	2.2E+03@	5.9E+00	5.7E+00	3.0E+01	3.0E+01	8.2E+03@	05:15
05:20	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	8.4E+03@	2.3E+03@	6.0E+00	5.8E+00	2.9E+01	2.9E+01	8.4E+03@	05:20
05:25	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	8.5E+03@	2.3E+03@	6.1E+00	5.8E+00	2.8E+01	2.8E+01	8.5E+03@	05:25
05:30	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	8.6E+03@	2.4E+03@	6.1E+00	5.9E+00	2.7E+01	2.7E+01	8.6E+03@	05:30
05:35	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	8.7E+03@	2.5E+03@	6.2E+00	5.9E+00	2.6E+01	2.6E+01	8.7E+03@	05:35
05:40	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	8.8E+03@	2.5E+03@	6.2E+00	6.0E+00	2.5E+01	2.5E+01	8.8E+03@	05:40
05:45	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	9.0E+03@	2.6E+03@	6.3E+00	6.0E+00	2.4E+01	2.4E+01	9.0E+03@	05:45
05:50	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	9.1E+03@	2.7E+03@	6.3E+00	6.1E+00	2.3E+01	2.3E+01	9.1E+03@	05:50
05:55	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	9.2E+03@	2.7E+03@	6.4E+00	6.1E+00	2.3E+01	2.3E+01	9.2E+03@	05:55
06:00	1.0E+07@	1.0E+07@	1.0E+07@	1.0E+07@	9.3E+03@	2.8E+03@	6.4E+00	6.2E+00	2.2E+01	2.2E+01	9.3E+03@	06:00

*** END OF REPORT ***

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Radmonitor Report Number 5 Page 1
* - Hi Alarm
- HiHi Alarm
@ - HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	2RM-106A	2RM-106B	2RM-112A	2RM-112B	2RM-060	2RM-061	2RM-271	2RM-272	2RM-273	2RM-274		
	10	10	10	10	.1	.1	1	1	1	1		
	1E+07	1E+07	1E+07	1E+07	10000	10000	1E+08	1E+08	1E+08	1E+08		
	cpm	cpm	cpm	cpm	mt/hr	mt/hr	R/hr	R/hr	R/hr	R/hr		
00:00	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:00
00:01	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:01
00:02	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:02
00:03	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:03
00:04	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:04
00:05	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:05
00:10	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:10
00:15	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:15
00:20	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:20
00:21	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:21
00:22	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:22
00:23	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:23
00:24	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:24
00:25	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:25
00:30	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:30
00:35	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:35
00:40	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:40
00:45	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:45
00:50	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:50
00:55	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		00:55
01:00	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		01:00
01:05	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		01:05
01:10	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		01:10
01:15	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		01:15
01:20	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		01:20
01:25	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		01:25
01:30	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		01:30
01:35	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		01:35
01:40	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		01:40
01:45	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		01:45
01:50	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		01:50
01:55	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		01:55
02:00	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		02:00
02:05	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		02:05
02:10	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		02:10

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* - Hi Alarm
- HiHi Alarm
@ - HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	2RM-106A	2RM-106B	2RM-112A	2RM-112B	2RM-060	2RM-061	2RM-271	2RM-272	2RM-273	2RM-274		
	10	10	10	10	.1	.1	1	1	1	1		
	1E+07	1E+07	1E+07	1E+07	10000	10000	1E+08	1E+08	1E+08	1E+08		
	cpm	cpm	cpm	cpm	mc/hr	mc/hr	R/hr	R/hr	R/hr	R/hr		
02:15	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		02:15
02:20	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		02:20
02:25	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		02:25
02:30	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		02:30
02:35	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		02:35
02:36	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		02:36
02:37	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		02:37
02:38	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		02:38
02:39	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		02:39
02:40	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		02:40
02:45	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		02:45
02:50	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		02:50
02:55	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		02:55
03:00	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		03:00
03:05	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		03:05
03:10	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		03:10
03:15	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		03:15
03:20	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		03:20
03:25	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		03:25
03:30	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		03:30
03:35	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		03:35
03:40	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		03:40
03:45	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		03:45
03:50	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		03:50
03:55	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		03:55
04:00	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		04:00
04:05	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		04:05
04:10	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		04:10
04:15	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		04:15
04:20	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		04:20
04:25	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		04:25
04:30	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		04:30
04:35	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		04:35
04:40	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		04:40
04:45	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		04:45

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 Radmonitor Report Number 5 Page 3
 * - Hi Alarm
 # - HiHi Alarm
 @ - HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	2RM-106A	2RM-106B	2RM-112A	2RM-112B	2RM-060	2RM-061	2RM-271	2RM-272	2RM-273	2RM-274		
	10	10	10	10	.1	.1	1	1	1	1		
	1E+07	1E+07	1E+07	1E+07	10000	10000	1E+08	1E+08	1E+08	1E+08		
	cpm	cpm	cpm	cpm	mr/hr	mr/hr	R/hr	R/hr	R/hr	R/hr		
04:50	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		04:50
04:55	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		04:55
05:00	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		05:00
05:05	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		05:05
05:10	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		05:10
05:15	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		05:15
05:20	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		05:20
05:25	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		05:25
05:30	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		05:30
05:35	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		05:35
05:40	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		05:40
05:45	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		05:45
05:50	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		05:50
05:55	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		05:55
06:00	1.1E+02	1.1E+02	1.1E+02	1.0E+01	3.0E+00	4.0E+00	1.0E+00	1.0E+00	1.0E+00	1.0E+00		06:00

*** END OF REPORT ***

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Radmonitor Report Number 6 Page 1
* = Hi Alarm
= HiHi Alarm
@ = HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	1RM-123	ORM-123	2RM-123	ORM-122	ORM-133	ORM-134	ORM-140	ORM-141	ORM-132B	ORM-225	ORM-212	
	10	10	10	10	10	10	10	10	10	10	10	
	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	
	cpm	cpm	cpm	cpm	cpm	cpm	cpm	cpm	cpm	cpm	cpm	
00:00	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:00
00:01	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:01
00:02	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:02
00:03	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:03
00:04	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:04
00:05	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:05
00:10	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:10
00:15	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:15
00:20	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:20
00:21	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:21
00:22	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:22
00:23	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:23
00:24	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:24
00:25	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:25
00:30	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:30
00:35	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:35
00:40	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:40
00:45	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:45
00:50	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:50
00:55	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	00:55
01:00	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	01:00
01:05	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	01:05
01:10	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	01:10
01:15	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	01:15
01:20	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	01:20
01:25	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	01:25
01:30	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	01:30
01:35	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	01:35
01:40	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	01:40
01:45	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	01:45
01:50	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	01:50
01:55	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	01:55
02:00	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	02:00
02:05	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	02:05
02:10	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	02:10

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 Radmonitor Report Number 6 Page 2
 * - Hi Alarm
 # - HiHi Alarm
 @ - HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	1RM-123	ORM-123	2RM-123	ORM-122	ORM-133	ORM-134	ORM-140	ORM-141	ORM-132B	ORM-225	ORM-212	
	10	10	10	10	10	10	10	10	10	10	10	
	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	
	cpm	cpm	cpm	cpm	cpm	cpm	cpm	cpm	cpm	cpm	cpm	
02:15	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	02:15
02:20	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	02:20
02:25	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	02:25
02:30	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	02:30
02:35	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	02:35
02:36	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	02:36
02:37	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	02:37
02:38	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	02:38
02:39	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	02:39
02:40	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	02:40
02:45	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	02:45
02:50	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	02:50
02:55	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	02:55
03:00	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	03:00
03:05	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	03:05
03:10	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	03:10
03:15	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	03:15
03:20	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	03:20
03:25	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	03:25
03:30	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	03:30
03:35	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	03:35
03:40	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	03:40
03:45	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	03:45
03:50	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	03:50
03:55	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	03:55
04:00	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	04:00
04:05	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	04:05
04:10	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	04:10
04:15	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	04:15
04:20	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	04:20
04:25	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	04:25
04:30	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	04:30
04:35	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	04:35
04:40	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	04:40
04:45	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	04:45

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Radmonitor Report Number 6 Page 3
* - Hi Alarm
- HiHi Alarm
@ - HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	1RM-123	ORM-123	2RM-123	ORM-122	ORM-133	ORM-134	ORM-140	ORM-141	ORM-132B	ORM-225	ORM-212	
	10	10	10	10	10	10	10	10	10	10	10	
	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	
	cpm	cpm	cpm	cpm	cpm	cpm	cpm	cpm	cpm	cpm	cpm	
04:50	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	04:50
04:55	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	04:55
05:00	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	05:00
05:05	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	05:05
05:10	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	05:10
05:15	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	05:15
05:20	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	05:20
05:25	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	05:25
05:30	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	05:30
05:35	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	05:35
05:40	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	05:40
05:45	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	05:45
05:50	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	05:50
05:55	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	05:55
06:00	1.6E+03	1.8E+03	1.6E+03	2.6E+03	1.5E+02	2.8E+02	1.4E+02	4.9E+02	1.0E+01	1.3E+02	1.5E+02	06:00

*** END OF REPORT ***

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Radmonitor Report Number 7 Page 1
* = Hi Alarm
= HiHi Alarm
@ = HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	1RM-120	1RM-121	2RM-120	2RM-121	1RM-099	1RM-119	1RM-255	1RM-256	2RM-119	2RM-099	2RM-255	2RM-256	
	10	10	10	10	10	10	.1	1000	10	10	.1	1000	
	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	10000	1E+07	1E+07	1E+07	10000	1E+07	
	cpm	cpm	cpm	cpm	cpm	cpm	mr/hr	mr/hr	cpm	cpm	mr/hr	mr/hr	
00:00	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:00
00:01	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:01
00:02	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:02
00:03	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:03
00:04	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:04
00:05	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:05
00:10	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:10
00:15	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:15
00:20	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:20
00:21	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:21
00:22	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:22
00:23	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:23
00:24	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:24
00:25	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:25
00:30	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:30
00:35	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:35
00:40	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:40
00:45	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:45
00:50	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:50
00:55	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	00:55
01:00	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	01:00
01:05	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	01:05
01:10	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	01:10
01:15	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	01:15
01:20	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	01:20
01:25	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	01:25
01:30	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	01:30
01:35	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	01:35
01:40	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	01:40
01:45	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	01:45
01:50	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	01:50
01:55	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	01:55
02:00	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	02:00
02:05	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	02:05
02:10	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	02:10

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* ~ Hi Alarm
~ HiHi Alarm
@ ~ HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	1RM-120	1RM-121	2RM-120	2RM-121	1RM-099	1RM-119	1RM-255	1RM-256	2RM-119	2RM-099	2RM-255	2RM-256	
	10	10	10	10	10	10	.1	1000	10	10	.1	1000	
	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	10000	1E+07	1E+07	1E+07	10000	1E+07	
	cpm	cpm	cpm	cpm	cpm	cpm	mr/hr	mr/hr	cpm	cpm	mr/hr	mr/hr	
02:15	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	02:15
02:20	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	02:20
02:25	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	02:25
02:30	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	02:30
02:35	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	02:35
02:36	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	02:36
02:37	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	02:37
02:38	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	02:38
02:39	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	02:39
02:40	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	02:40
02:45	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	02:45
02:50	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	02:50
02:55	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	02:55
03:00	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	03:00
03:05	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	03:05
03:10	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	03:10
03:15	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	03:15
03:20	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	03:20
03:25	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	03:25
03:30	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	03:30
03:35	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	03:35
03:40	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	03:40
03:45	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	03:45
03:50	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	03:50
03:55	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	03:55
04:00	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	04:00
04:05	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	04:05
04:10	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.3E-01	1.0E+03	3.0E+01	5.0E+01	1.5E-01	1.0E+03	04:10
04:15	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	04:15
04:20	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	04:20
04:25	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	04:25
04:30	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	04:30
04:35	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	04:35
04:40	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	04:40
04:45	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	04:45

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 * - Hi Alarm
 ‡ - HiHi Alarm
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SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	1RM-120	1RM-121	2RM-120	2RM-121	1RM-099	1RM-119	1RM-255	1RM-256	2RM-119	2RM-099	2RM-255	2RM-256	
	10	10	10	10	10	10	.1	1000	10	10	.1	1000	
	1E+07	1E+07	1E+07	1E+07	1E+07	1E+07	10000	1E+07	1E+07	1E+07	10000	1E+07	
	cpm	cpm	cpm	cpm	cpm	cpm	mr/hr	mr/hr	cpm	cpm	mr/hr	mr/hr	
04:50	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	04:50
04:55	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	04:55
05:00	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	05:00
05:05	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	05:05
05:10	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	05:10
05:15	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	05:15
05:20	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	05:20
05:25	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	05:25
05:30	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	05:30
05:35	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	05:35
05:40	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	05:40
05:45	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	05:45
05:50	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.4E-01	1.0E+03	3.0E+01	5.0E+01	1.6E-01	1.0E+03	05:50
05:55	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.5E-01	1.0E+03	3.0E+01	5.0E+01	1.7E-01	1.0E+03	05:55
06:00	2.0E+02	1.4E+02	2.0E+01	2.0E+01	3.0E+01	2.7E+01	2.5E-01	1.0E+03	3.0E+01	5.0E+01	1.7E-01	1.0E+03	06:00

**** END OF REPORT ****

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 * - Hi Alarm
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SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	1RM-421	1RM-422	1RM-423	1RM-424	2RM-421	2RM-422	2RM-423	2RM-424				
	.001	.001	.001	.001	.001	.001	.001	.001				
	1000	1000	1000	1000	1000	1000	1000	1000				
	uC/cm3	uC/cm3	uC/cm3	uC/cm3	uC/cm3	uC/cm3	uC/cm3	uC/cm3				
00:00	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:00
00:01	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:01
00:02	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:02
00:03	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:03
00:04	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:04
00:05	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:05
00:10	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:10
00:15	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:15
00:20	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:20
00:21	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:21
00:22	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:22
00:23	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:23
00:24	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:24
00:25	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:25
00:30	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:30
00:35	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:35
00:40	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:40
00:45	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:45
00:50	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:50
00:55	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				00:55
01:00	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				01:00
01:05	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				01:05
01:10	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				01:10
01:15	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				01:15
01:20	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				01:20
01:25	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				01:25
01:30	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				01:30
01:35	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				01:35
01:40	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				01:40
01:45	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				01:45
01:50	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				01:50
01:55	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				01:55
02:00	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				02:00
02:05	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				02:05
02:10	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				02:10

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 Radmonitor Report Number 8 Page 2
 * = Hi Alarm
 # = HiHi Alarm
 @ = HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	1RM-421	1RM-422	1RM-423	1RM-424	2RM-421	2RM-422	2RM-423	2RM-424				
	.001	.001	.001	.001	.001	.001	.001	.001				
	1000	1000	1000	1000	1000	1000	1000	1000				
	uCi/cm3	uCi/cm3	uCi/cm3	uCi/cm3	uCi/cm3	uCi/cm3	uCi/cm3	uCi/cm3				
02:15	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				02:15
02:20	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				02:20
02:25	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				02:25
02:30	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				02:30
02:35	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				02:35
02:36	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				02:36
02:37	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				02:37
02:38	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				02:38
02:39	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				02:39
02:40	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				02:40
02:45	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				02:45
02:50	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				02:50
02:55	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				02:55
03:00	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				03:00
03:05	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				03:05
03:10	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				03:10
03:15	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				03:15
03:20	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				03:20
03:25	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				03:25
03:30	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				03:30
03:35	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				03:35
03:40	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				03:40
03:45	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				03:45
03:50	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				03:50
03:55	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				03:55
04:00	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				04:00
04:05	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				04:05
04:10	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				04:10
04:15	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				04:15
04:20	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				04:20
04:25	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				04:25
04:30	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				04:30
04:35	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				04:35
04:40	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				04:40
04:45	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				04:45

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 Radmonitor Report Number 8 Page 3
 * - Hi Alarm
 # - HiHi Alarm
 @ - HiHiHi Alarm

SEQUOYAH NUCLEAR PLANT

OVERALL RADIATION MONITOR LEVELS

	1RM-421	1RM-422	1RM-423	1RM-424	2RM-421	2RM-422	2RM-423	2RM-424				
	.001	.001	.001	.001	.001	.001	.001	.001				
	1000	1000	1000	1000	1000	1000	1000	1000				
	uCi/cm3	uCi/cm3	uCi/cm3	uCi/cm3	uCi/cm3	uCi/cm3	uCi/cm3	uCi/cm3				
04:50	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				04:50
04:55	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				04:55
05:00	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				05:00
05:05	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				05:05
05:10	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				05:10
05:15	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				05:15
05:20	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				05:20
05:25	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				05:25
05:30	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				05:30
05:35	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				05:35
05:40	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				05:40
05:45	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				05:45
05:50	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				05:50
05:55	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				05:55
06:00	1.0E-03	1.3E-03	1.3E-03	1.7E-03	1.1E-03	1.2E-03	1.1E-03	1.3E-03				06:00

**** END OF REPORT ****

16 In-Plant Radiation Survey Data

06-01-2016 19:03:27 SQN 9-14-2016 PASF Data -- Readings at the Unit 1 Sampling Station

Time	Degassed RCS Diluted 1:1000 (24 ml)												Dissolv RCS Gas Dilute 1:15000 14cc												Lower Containment Air													
	PASSF		Top of Cask		Unshielded		Shielded		Unshielded		Shielded		Unshielded		Shielded		Unshielded		Shielded		Unshielded		Shielded		Unshielded		Shielded		Unshielded		Shielded							
	Room	Unshld	Shld	Cntct	1foot	1metr	Cntct	1foot	1metr	Cntct	1foot	1metr	Cntct	1foot	1metr	Cntct	1foot	1metr	Cntct	1foot	1metr	Cntct	1foot	1metr	Cntct	1foot	1metr	Cntct	1foot	1metr	Cntct	1foot	1metr					
00:00																																						00:00
00:10																																						00:10
00:20																																						00:20
00:30																																						00:30
00:40																																						00:40
00:50																																						00:50
01:00																																						01:00
01:10																																						01:10
01:20																																						01:20
01:30																																						01:30
01:40																																						01:40
01:50																																						01:50
02:00																																						02:00
02:10																																						02:10
02:20																																						02:20
02:30																																						02:30
02:40																																						02:40
02:50																																						02:50
03:00																																						03:00
03:10																																						03:10
03:20																																						03:20
03:30																																						03:30
03:40																																						03:40
03:50																																						03:50
04:00																																						04:00
04:10																																						04:10
04:20																																						04:20
04:30																																						04:30
04:40																																						04:40
04:50																																						04:50
05:00																																						05:00
05:10																																						05:10
05:20																																						05:20
05:30																																						05:30
05:40																																						05:40
05:50																																						05:50
06:00																																						06:00

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	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Point 7	Point 8	Point 9	Point 10	Point 11	Point 12	Point 13	Point 14	Point 15	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
00:00	100:00
00:05	100:05
00:10	100:10
00:15	100:15
00:20	100:20
00:25	100:25
00:30	100:30
00:35	100:35
00:40	100:40
00:45	100:45
00:50	100:50
00:55	100:55
01:00	101:00
01:05	101:05
01:10	101:10
01:15	101:15
01:20	101:20
01:25	101:25
01:30	101:30
01:35	101:35
01:40	101:40
01:45	101:45
01:50	101:50
01:55	101:55
02:00	102:00
02:05	102:05
02:10	102:10
02:15	102:15

	Point 16	Point 17	Point 18	Point 19	Point 20	Point 21	Point 22	Point 23	Point 24	Point 25	Point 26	Point 27	Point 28	Point 29	Point 30	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
00:00	100:00
00:05	100:05
00:10	100:10
00:15	100:15
00:20	100:20
00:25	100:25
00:30	100:30
00:35	100:35
00:40	100:40
00:45	100:45
00:50	100:50
00:55	100:55
01:00	101:00
01:05	101:05
01:10	101:10
01:15	101:15
01:20	101:20
01:25	101:25
01:30	101:30
01:35	101:35
01:40	101:40
01:45	101:45
01:50	101:50
01:55	101:55
02:00	102:00
02:05	102:05
02:10	102:10
02:15	102:15

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--- Rad Monitor ALARMS ---

* - HL Alarm

1 = HiHi Alarm
0 = HiHiHi or Only Alarm

--- CONTAMINATION Units ---

 $\epsilon = 0.01$

KC = 1000's of cpm
assumes 10% efficiency

--- DOSE RATE Units ---

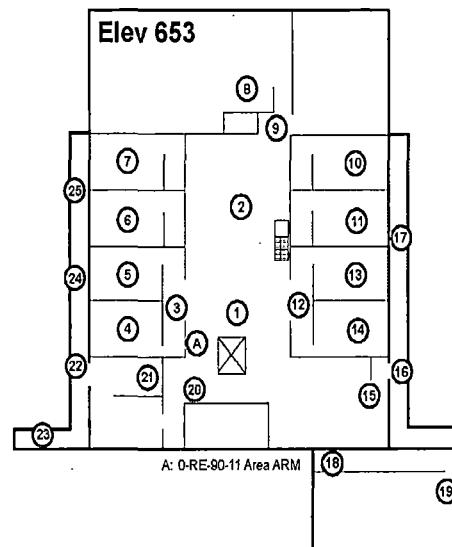
$$\text{mR} = \text{mrem/hr}$$

R = Rem/hr
KR = 1000's of Rem/hr

--- Air Sample Data ---

Air Samples based on

1000000 cc
air sample

[illegible][illegible]

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	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Point 7	Point 8	Point 9	Point 10	Point 11	Point 12	Point 13	Point 14	Point 15	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
02:20							2.5mR 2.5mR	1.6mR 1.6mR								102:20
02:25							2.5mR 2.5mR	1.5mR 1.5mR								102:25
02:30							2.5mR 2.5mR	1.5mR 1.5mR								102:30
02:35							2.5mR 2.5mR	1.5mR 1.5mR								102:35
02:40							2.5mR 2.5mR	1.5mR 1.5mR								102:40
02:45							2.5mR 2.5mR	1.5mR 1.5mR								102:45
02:50							2.5mR 2.5mR	1.5mR 1.5mR								102:50
02:55							2.4mR 2.4mR	1.5mR 1.5mR								102:55
03:00							2.4mR 2.4mR	1.4mR 1.4mR								103:00
03:05							360R 360R	3.7R 3.7R								103:05
03:10							330R 330R	3.0R 3.0R								103:10
03:15							300R 300R	2.9R 2.9R								103:15
03:20							250R 250R	2.8R 2.8R								103:20
03:25							280R 280R	2.6R 2.6R								103:25
03:30							270R 270R	2.5R 2.5R								103:30
03:35							260R 260R	2.4R 2.4R								103:35
03:40							250R 250R	2.3R 2.3R								103:40
03:45							240R 240R	2.3R 2.3R								103:45
03:50							230R 230R	2.2R 2.2R								103:50
03:55							220R 220R	2.1R 2.1R								103:55
04:00							210R 210R	2.0R 2.0R								104:00
04:05							200R 200R	1.9R 1.9R								104:05
04:10							200R 200R	1.8R 1.8R								104:10
04:15			.01mR				190R 190R	1.8R 1.8R								104:15
04:20			.01mR				180R 180R	1.7R 1.7R								104:20
04:25			.01mR				170R 170R	1.6R 1.6R								104:25
04:30			.01mR				170R 170R	1.6R 1.6R								104:30
04:35		.01mR	.02mR				160R 160R	1.5R 1.5R								104:35

	Point 16	Point 17	Point 18	Point 19	Point 20	Point 21	Point 22	Point 23	Point 24	Point 25	Point 26	Point 27	Point 28	Point 29	Point 30	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
02:20							1.7mR 1.7mR		6.2mR 6.2mR	.86mR .86mR						102:20
02:25							1.6mR 1.6mR		6.2mR 6.2mR	.84mR .84mR						102:25
02:30							1.6mR 1.6mR		6.2mR 6.2mR	.83mR .83mR						102:30
02:35							1.6mR 1.6mR		6.2mR 6.2mR	.81mR .81mR						102:35
02:40							1.6mR 1.6mR		6.2mR 6.2mR	.79mR .79mR						102:40
02:45							1.6mR 1.6mR		6.2mR 6.2mR	.79mR .79mR						102:45
02:50							1.5mR 1.5mR		6.1mR 6.1mR	.77mR .77mR						102:50
02:55							1.5mR 1.5mR		6.1mR 6.1mR	.76mR .76mR						102:55
03:00							1.5mR 1.5mR		6.1mR 6.1mR	.75mR .75mR						103:00
03:05							41R 41R		210R 210R	260R 260R						103:05
03:10							35R 35R		180R 180R	220R 220R						103:10
03:15							32R 32R		160R 160R	200R 200R						103:15
03:20							31R 31R		160R 160R	190R 190R						103:20
03:25							30R 30R		150R 150R	190R 190R						103:25
03:30							29R 29R		150R 150R	180R 180R						103:30
03:35							28R 28R		140R 140R	170R 170R						103:35
03:40							27R 27R		130R 130R	170R 170R						103:40
03:45							26R 26R		130R 130R	160R 160R						103:45
03:50							25R 25R		120R 120R	150R 150R						103:50
03:55							24R 24R		120R 120R	150R 150R						103:55
04:00							23R 23R		110R 110R	140R 140R						104:00
04:05							22R 22R		110R 110R	130R 130R						104:05
04:10							21R 21R		110R 110R	130R 130R						104:10
04:15			.01mR				20R 20R		100R 100R	120R 120R						104:15
04:20			.01mR				19R 19R	.01mR	100R 100R	120R 120R						104:20
04:25		.01mR	.01mR				19R 19R	.01mR	98R 98R	110R 110R						104:25
04:30		.01mR	.01mR				18R 18R	.01mR	94R 94R	110R 110R						104:30
04:35		.01mR	.02mR				17R 17R	.02mR	90R 90R	110R 110R						104:35

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```

--- Rad Monitor ALARMS ---
* = HI Alarm
! = H1H1 Alarm
@ = H1H1H1 or Only Alarm

```

--- CONTAMINATION Units ---
C = cpm
KC = 1000's of cpm
assumes 10% efficiency

```

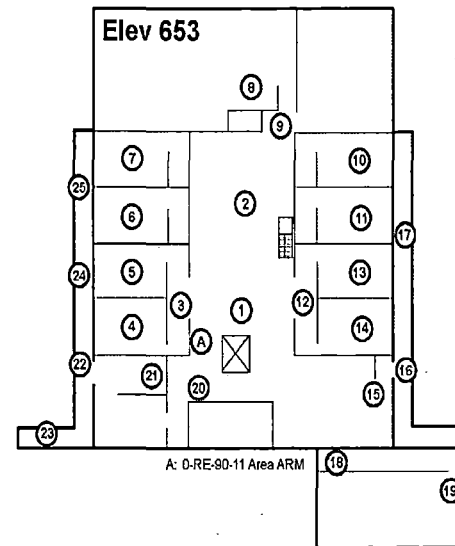
--- DOSE RATE Units ---
mR = mrem/hr
R = Rem/hr
KR = 1000's of Rem/hr

```

```

--- Air Sample Data ---
Air Samples based on
1000000 cc
air sample

```

[illegible]

	U0 FLEV 653 MAIN			U1 RHR. A ROOM			U1 RHR. B ROOM			U1 CS. A ROOM			U1 CS. B ROOM			U1 PIPE CHASE			U2 RHR. A ROOM			U2 RHR. B ROOM			U2 CS. A ROOM			U2 CS. B ROOM			U2 PIPE CHASE		
	HEPA	T131	Surf	HEPA	T131	Surf	HEPA	T131	Surf	HEPA	T131	Surf	HEPA	T131	Surf	HEPA	T131	Surf	HEPA	T131	Surf	HEPA	T131	Surf	HEPA	T131	Surf	HEPA	T131	Surf			
02:20																															102:20		
02:25																															102:25		
02:30																															102:30		
02:35																															102:35		
02:40																															102:40		
02:45																															102:45		
02:50																															102:50		
02:55																															102:55		
03:00																															103:00		
03:05																															103:05		
03:10																															103:10		
03:15																															103:15		
03:20	1.4C														1.6C															1.6C	103:20		
03:25	3.3C														4.4C															4.5C	103:25		
03:30	6.4C	1.5C													10C	2.2C													10C	2.2C	103:30		
03:35	11C	2.9C													20C	1.6C	4.8C												20C	1.6C	4.8C	103:35	
03:40	18C	1.5C	5.1C												35C	2.9C	9.2C												36C	2.9C	9.3C	103:40	
03:45	27C	2.7C	8.3C												58C	4.7C	16C												59C	4.8C	1.5C	103:45	
03:50	39C	3.2C	12C												91C	7.3C	26C												92C	7.4C	27C	103:50	
03:55	55C	4.4C	18C	1.0C			1.0C			1.0C			1.0C		130C	10C	42C	1.0C		1.0C					1.0C		1.0C			130C	10C	42C	103:55
04:00	73C	5.9C	26C	1.4C			1.4C			1.4C			1.4C		180C	15C	62C	1.4C		1.4C				1.4C					190C	15C	63C	104:00	
04:05	96C	7.7C	35C	2.0C			2.0C			2.0C			2.0C		250C	20C	89C	2.0C		2.0C				2.0C					260C	20C	91C	104:05	
04:10	120C	9.8C	47C	2.7C			2.7C			2.7C			2.7C		340C	27C	120C	2.7C		2.7C				2.7C					350C	27C	120C	104:10	
04:15	150C	12C	61C	3.6C		1.3C	3.6C		1.3C	3.6C		1.3C	3.6C		440C	35C	160C	3.6C		1.3C	3.6C		1.3C	3.6C		1.3C	3.6C		1.3C	450C	35C	170C	104:15
04:20	180C	15C	78C	4.7C		1.8C	4.7C		1.8C	4.7C		1.8C	4.7C		560C	44C	220C	4.7C		1.8C	4.7C		1.8C	4.7C		1.8C	4.7C		1.8C	570C	45C	220C	104:20
04:25	220C	18C	98C	6.1C		2.4C	6.1C		2.4C	6.1C		2.4C	6.1C		700C	55C	280C	6.1C		2.4C	6.1C		2.4C	6.1C		2.4C	6.1C		2.4C	710C	56C	290C	104:25
04:30	270C	21C	120C	7.6C		3.1C	7.6C		3.1C	7.6C		3.1C	7.6C		860C	67C	360C	7.6C		3.1C	7.6C		3.1C	7.6C		3.1C	7.6C		3.1C	880C	68C	370C	104:30
04:35	320C	25C	140C	9.4C		3.9C	9.4C		3.9C	9.4C		3.9C	9.4C		1.08C	81C	450C	9.4C		3.9C	9.4C		3.9C	9.4C		3.9C	9.4C		3.9C	1.08C	83C	460C	104:35

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	Point 1		Point 2		Point 3		Point 4		Point 5		Point 6		Point 7		Point 8		Point 9		Point 10		Point 11		Point 12		Point 13		Point 14		Point 15			
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open		
04:40		.01mR		.02mR							150R	150R	1.4R	1.4R																	104:40	
04:45		.01mR		.02mR							150R	150R	1.4R	1.4R																	104:45	
04:50		.01mR	.01mR	.03mR							140R	140R	1.3R	1.3R																	104:50	
04:55		.01mR	.01mR	.03mR							140R	140R	1.3R	1.3R																.01mR	104:55	
05:00		.01mR	.01mR	.03mR							130R	130R	1.2R	1.2R			.01mR													.01mR	105:00	
05:05		.02mR	.01mR	.04mR							130R	130R	1.2R	1.2R			.01mR														.01mR	105:05
05:10		.02mR	.01mR	.04mR							120R	120R	1.1R	1.1R			.01mR														.01mR	105:10
05:15		.02mR	.01mR	.05mR		.01mR					120R	120R	1.1R	1.1R			.01mR				.01mR										.01mR	105:15
05:20		.02mR	.01mR	.05mR		.01mR					110R	110R	1.1R	1.1R			.01mR				.01mR										.01mR	105:20
05:25	.01mR	.03mR	.02mR	.06mR		.01mR					110R	110R	1.0R	1.0R			.01mR				.01mR										.01mR	105:25
05:30	.01mR	.03mR	.02mR	.06mR		.01mR					100R	100R	1.0R	1.0R			.01mR				.01mR										.02mR	105:30
05:35	.01mR	.03mR	.02mR	.07mR		.01mR					100R	100R	980mR	980mR			.01mR				.01mR										.02mR	105:35
05:40	.01mR	.03mR	.02mR	.07mR		.01mR					100R	100R	940mR	940mR			.02mR				.01mR										.02mR	105:40
05:45	.01mR	.04mR	.02mR	.08mR		.01mR					96R	96R	910mR	910mR			.02mR				.01mR										.02mR	105:45
05:50	.01mR	.04mR	.03mR	.09mR		.01mR					92R	92R	870mR	870mR			.02mR				.01mR									.01mR	.02mR	105:50
05:55	.01mR	.04mR	.02mR	.09mR		.02mR					89R	89R	840mR	840mR			.02mR				.02mR									.01mR	.03mR	105:55
06:00	.01mR	.05mR	.03mR	.10mR		.02mR					86R	86R	810mR	810mR			.02mR				.02mR									.01mR	.03mR	106:00

	Point 16		Point 17		Point 18		Point 19		Point 20		Point 21		Point 22		Point 23		Point 24		Point 25		Point 26		Point 27		Point 28		Point 29		Point 30		
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	
04:40		.02mR		.02mR			1.0mR	1.0mR					16R	16R		.02mR	87R	87R	100R	100R											104:40
04:45		.02mR		.01mR	.03mR			1.0mR	1.0mR				16R	16R		.01mR	.03mR	84R	84R	100R	100R										104:45
04:50		.02mR		.01mR	.03mR			1.0mR	1.0mR			.01mR	15R	15R		.01mR	.03mR	80R	80R		98R	98R									104:50
04:55		.01mR	.03mR	.01mR	.04mR			1.0mR	1.0mR			.01mR	15R	15R		.01mR	.04mR	77R	77R		94R	94R									104:55
05:00		.01mR	.03mR	.01mR	.04mR			1.0mR	1.0mR			.01mR	14R	14R		.01mR	.04mR	74R	74R		91R	91R									105:00
05:05		.01mR	.03mR	.01mR	.05mR			1.0mR	1.0mR				13R	13R		.01mR	.05mR	72R	72R		87R	87R									105:05
05:10		.01mR	.04mR	.02mR	.06mR			1.0mR	1.0mR			.01mR	13R	13R		.02mR	.05mR	69R	69R		84R	84R									105:10
05:15		.01mR	.04mR	.02mR	.06mR			1.0mR	1.0mR			.01mR	12R	12R		.02mR	.06mR	66R	66R		81R	81R									105:15
05:20		.02mR	.05mR	.02mR	.07mR			1.0mR	1.0mR			.01mR	12R	12R		.02mR	.07mR	64R	64R		78R	78R									105:20
05:25		.02mR	.05mR	.02mR	.06mR			1.0mR	1.0mR		.01mR		.02mR	11R	11R		.02mR	.07mR	61R	61R		75R	75R								105:25
05:30		.02mR	.06mR	.03mR	.09mR			1.0mR	1.0mR		.01mR		.02mR	11R	11R		.02mR	.08mR	59R	59R		72R	72R								105:30
05:35		.02mR	.07mR	.03mR	.09mR			1.0mR	1.0mR		.01mR		.02mR	11R	11R		.03mR	.09mR	57R	57R		69R	69R								105:35
05:40		.02mR	.07mR	.03mR	.10mR			1.0mR	1.0mR		.01mR		.02mR	10R	10R		.03mR	.10mR	55R	55R		67R	67R								105:40
05:45		.02mR	.08mR	.04mR	.11mR			1.0mR	1.0mR		.01mR	.01mR	.02mR	10R	10R		.03mR	.10mR	53R	53R		64R	64R								105:45
05:50		.03mR	.08mR	.04mR	.12mR			1.0mR	1.0mR		.01mR	.01mR	.03mR	9.8R	9.8R		.04mR	.11mR	51R	51R		62R	62R								105:50
05:55		.03mR	.09mR	.04mR	.13mR			1.0mR	1.0mR		.01mR	.01mR	.03mR	9.5R	9.5R		.04mR	.12mR	49R	49R		59R	59R								105:55
06:00		.03mR	.10mR	.05mR	.14mR			1.0mR	1.0mR		.02mR	.01mR	.03mR	9.1R	9.1R		.04mR	.13mR	47R	47R		57R	57R								106:00

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--- Rad Monitor ALARMS ---

* = Hi Alarm

1 = HiHi Alarm

--- CONTAMINATION Units ---

C = grain

KC = 1000's of cps

assumes 10% efficiency

--- DOSE RATE Units ---

$$10R = \text{mm/hr}$$
$$R = \text{Rem/hr}$$

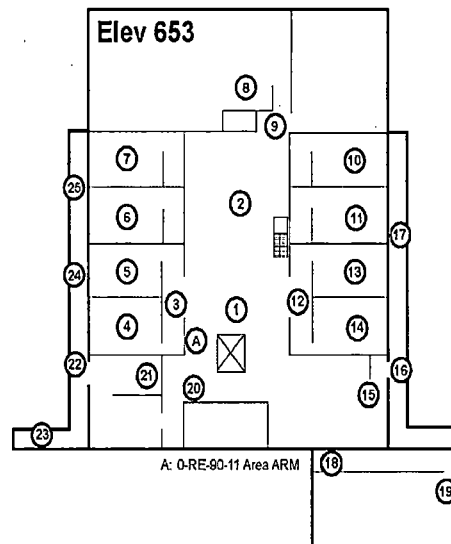
KR = 1000's of Rcm/hr

--- Air Sample Data ---

Air Samples based on

1000000 cc

air sample



	U0_ELEV_653 MAIN			U1_RHR_A_ROOM			U1_RHR_B_ROOM			U1_CS_A_ROOM			U1_CS_B_ROOM			U1_PTPE_CHASE			U2_RHR_A_ROOM			U2_RHR_B_ROOM			U2_CS_A_ROOM			U2_CS_B_ROOM			U2_PTPE_CHASE			
	HEFA	T131	Surf	HEFA	T131	Surf	HEFA	T131	Surf	HEFA	T131	Surf	HEFA	T131	Surf	HEFA	T131	Surf	HEFA	T131	Surf	HEFA	T131	Surf	HEFA	T131	Surf	HEFA	T131	Surf				
04:40:01	370C	29C	170C	11C	4.9C		11C	4.9C	11C	4.9C		11C	4.9C	1.2KC	97C	550C	11C	4.9C	11C	4.9C	11C	4.9C	11C	4.9C	11C	4.9C	11C	4.9C	1.2KC	98C	560C	10:40:40		
04:41:01	430C	34C	200C	13C	1.0C	6.1C	13C	1.0C	6.1C	13C	1.0C	6.1C	13C	1.0C	1.4KC	110C	670C	13C	1.0C	6.1C	13C	1.0C	6.1C	13C	1.0C	6.1C	1.4KC	110C	680C	10:41:45				
04:45:01	490C	38C	240C	16C	1.2C	7.5C	16C	1.2C	7.5C	16C	1.2C	7.5C	16C	1.2C	1.6KC	130C	800C	16C	1.2C	7.5C	16C	1.2C	7.5C	16C	1.2C	7.5C	1.6KC	130C	820C	10:45:50				
04:46:01	510C	40C	260C	18C	1.3C	8.1C	18C	1.3C	8.1C	18C	1.3C	8.1C	18C	1.3C	1.7KC	140C	850C	18C	1.3C	8.1C	18C	1.3C	8.1C	18C	1.3C	8.1C	1.7KC	140C	870C	10:46:55				
05:00:01	620C	49C	350C	23C	1.8C	10C	23C	1.8C	10C	23C	1.8C	10C	23C	1.8C	2.2KC	170C	1.1KC	23C	1.8C	10C	23C	1.8C	10C	23C	1.8C	10C	2.2KC	170C	1.1KC	10:55:00				
05:05:01	690C	55C	420C	26C	2.0C	12C	26C	2.0C	12C	26C	2.0C	12C	26C	2.0C	2.4KC	190C	1.2KC	26C	2.0C	12C	26C	2.0C	12C	26C	2.0C	12C	2.4KC	200C	1.3KC	10:55:05				
05:10:01	770C	61C	470C	30C	2.4C	15C	30C	2.4C	15C	30C	2.4C	15C	30C	2.4C	2.7KC	220C	1.4KC	30C	2.4C	15C	30C	2.4C	15C	30C	2.4C	15C	2.8KC	220C	1.4KC	10:55:10				
05:15:01	850C	68C	470C	35C	2.7C	17C	35C	2.7C	17C	35C	2.7C	17C	35C	2.7C	3.0KC	240C	1.6KC	35C	2.7C	17C	35C	2.7C	17C	35C	2.7C	17C	3.1KC	250C	1.6KC	10:55:15				
05:20:01	930C	74C	520C	39C	3.1C	20C	39C	3.1C	20C	39C	3.1C	20C	39C	3.1C	3.4KC	270C	1.8KC	39C	3.1C	20C	39C	3.1C	20C	39C	3.1C	20C	3.4KC	270C	1.9KC	10:55:20				
05:25:01	1.0MC	82C	580C	45C	3.5C	23C	45C	3.5C	23C	45C	3.5C	23C	45C	3.5C	3.7KC	280C	2.0KC	45C	3.5C	23C	45C	3.5C	23C	45C	3.5C	23C	3.9KC	300C	2.1KC	10:55:25				
05:30:01	1.15C	89C	640C	50C	4.0C	26C	50C	4.0C	26C	50C	4.0C	26C	50C	4.0C	4.0KC	320C	2.3KC	50C	4.0C	26C	50C	4.0C	26C	50C	4.0C	26C	4.1KC	330C	2.3KC	10:55:30				
05:35:01	1.28C	97C	710C	56C	4.5C	30C	56C	4.5C	30C	56C	4.5C	30C	56C	4.5C	4.3KC	350C	2.5KC	56C	4.5C	30C	56C	4.5C	30C	56C	4.5C	30C	4.5KC	360C	2.6KC	10:55:35				
05:40:01	1.36C	100C	770C	63C	5.0C	34C	63C	5.0C	34C	63C	5.0C	34C	63C	5.0C	4.4KC	380C	2.8KC	63C	5.0C	34C	63C	5.0C	34C	63C	5.0C	34C	4.8KC	390C	2.8KC	10:55:40				
05:45:01	1.43C	110C	840C	69C	5.6C	38C	69C	5.6C	38C	69C	5.6C	38C	69C	5.6C	4.5KC	410C	3.0KC	69C	5.6C	38C	69C	5.6C	38C	69C	5.6C	38C	5.2KC	420C	3.1KC	10:55:45				
05:50:01	1.53C	120C	910C	76C	6.2C	43C	76C	6.2C	43C	76C	6.2C	43C	76C	6.2C	4.5KC	440C	3.3KC	76C	6.2C	43C	76C	6.2C	43C	76C	6.2C	43C	5.6KC	450C	3.4KC	10:55:50				
05:55:01	1.63C	130C	990C	84C	6.8C	47C	84C	6.8C	47C	84C	6.8C	47C	84C	6.8C	4.7KC	470C	3.6KC	84C	6.8C	47C	84C	6.8C	47C	84C	6.8C	47C	6.0KC	480C	3.7KC	10:55:55				
06:00:01	1.75C	140C	1080C	92C	7.5C	53C	92C	7.5C	53C	92C	7.5C	53C	92C	7.5C	5.2KC	510C	3.9KC	92C	7.5C	53C	92C	7.5C	53C	92C	7.5C	53C	6.3KC	520C	3.9KC	10:56:00				

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	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Point 7	Point 8	Point 9	Point 10	Point 11	Point 12	Point 13	Point 14	Point 15	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
00:00	100:00
00:05	100:05
00:10	100:10
00:15	100:15
00:20	100:20
00:25	100:25
00:30	100:30
00:35	100:35
00:40	100:40
00:45	100:45
00:50	100:50
00:55	100:55
01:00	101:00
01:05	101:05
01:10	101:10
01:15	101:15
01:20	101:20
01:25	101:25
01:30	101:30
01:35	101:35
01:40	101:40
01:45	101:45
01:50	101:50
01:55	101:55
02:00	102:00
02:05	102:05
02:10	102:10
02:15	102:15

	Point 16	Point 17	Point 18	Point 19	Point 20	Point 21	Point 22	Point 23	Point 24	Point 25	Point 26	Point 27	Point 28	Point 29	Point 30	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
00:00	100:00
00:05	100:05
00:10	100:10
00:15	100:15
00:20	100:20
00:25	100:25
00:30	100:30
00:35	100:35
00:40	100:40
00:45	100:45
00:50	100:50
00:55	100:55
01:00	101:00
01:05	101:05
01:10	101:10
01:15	101:15
01:20	101:20
01:25	101:25
01:30	101:30
01:35	101:35
01:40	101:40
01:45	101:45
01:50	101:50
01:55	101:55
02:00	102:00
02:05	102:05
02:10	102:10
02:15	102:15

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-- Rad Monitor ALARMS --

* = HI Alarm

1 - HiHi Alarm

--- CONTAMINATION Units ---

C = 500

KC = 1000's of cpm

--- DOSE RATE Units ---

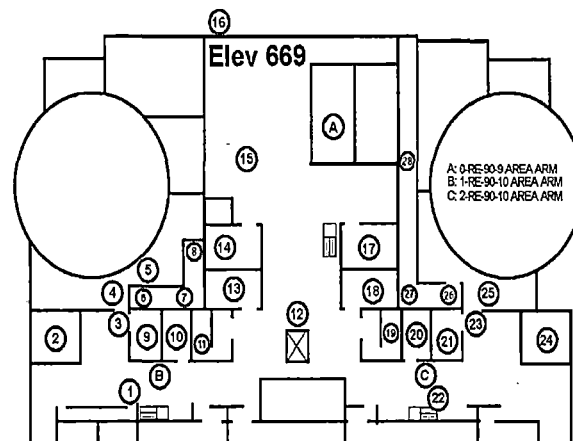
$$mR = \text{mgm}^2/\text{hr}$$
$$R = \text{Rem/hr}$$

--- Air Sample Data ---

Air Samples based on

1000000 co

	1RM-010	2RM-010	GRM-118	GRM-09					
	.1	.1	.10	.1					
	10000	10000	1E+07	10000					
	mr/hr	mr/hr	cpm	mr/hr					
00:00	1.5E-01	1.1E-01	3.3E+01	1.1E-01					00:00
00:05	1.5E-01	1.1E-01	3.3E+01	1.1E-01					00:05
00:10	1.5E-01	1.1E-01	3.3E+01	1.1E-01					00:10
00:15	1.5E-01	1.1E-01	3.3E+01	1.1E-01					00:15
00:20	1.5E-01	1.1E-01	3.3E+01	1.1E-01					00:20
00:25	1.5E-01	1.1E-01	3.3E+01	1.1E-01					00:25
00:30	1.5E-01	1.1E-01	3.3E+01	1.1E-01					00:30
00:35	1.5E-01	1.1E-01	3.3E+01	1.1E-01					00:35
00:40	1.5E-01	1.1E-01	3.3E+01	1.1E-01					00:40
00:45	1.5E-01	1.1E-01	3.3E+01	1.1E-01					00:45
00:50	1.5E-01	1.1E-01	3.3E+01	1.1E-01					00:50
00:55	1.5E-01	1.1E-01	3.3E+01	1.1E-01					00:55
01:00	1.5E-01	1.1E-01	3.3E+01	1.1E-01					01:00
01:05	1.5E-01	1.1E-01	3.3E+01	1.1E-01					01:05
01:10	1.5E-01	1.1E-01	3.3E+01	1.1E-01					01:10
01:15	1.5E-01	1.1E-01	3.3E+01	1.1E-01					01:15
01:20	1.5E-01	1.1E-01	3.3E+01	1.1E-01					01:20
01:25	1.5E-01	1.1E-01	3.3E+01	1.1E-01					01:25
01:30	1.5E-01	1.1E-01	3.3E+01	1.1E-01					01:30
01:35	1.5E-01	1.1E-01	3.3E+01	1.1E-01					01:35
01:40	1.5E-01	1.1E-01	3.3E+01	1.1E-01					01:40
01:45	1.5E-01	1.1E-01	3.3E+01	1.1E-01					01:45
01:50	1.5E-01	1.1E-01	3.3E+01	1.1E-01					01:50
01:55	1.5E-01	1.1E-01	3.3E+01	1.1E-01					01:55
02:00	1.5E-01	1.1E-01	3.3E+01	1.1E-01					02:00
02:05	1.5E-01	1.1E-01	3.3E+01	1.1E-01					02:05
02:10	1.5E-01	1.1E-01	3.3E+01	1.1E-01					02:10
02:15	1.5E-01	1.1E-01	3.3E+01	1.1E-01					02:15

[illegible]

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	Point 1		Point 2		Point 3		Point 4		Point 5		Point 6		Point 7		Point 8		Point 9		Point 10		Point 11		Point 12		Point 13		Point 14		Point 15			
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open		
02:20											.01mR	.01mR																			102:20	
02:25													2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR													102:25	
02:30													2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR													102:30	
02:35													2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR													102:35	
02:40													2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR													102:40	
02:45													2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR													102:45	
02:50													2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR													102:50	
02:55													2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR													102:55	
03:00													2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR													103:00	
03:05													2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR													103:05	
03:10													2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR													103:10	
03:15													2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR													103:15	
03:20													2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR													103:20	
03:25													2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR						.01mR						.01mR	103:25	
03:30		.01mR				.01mR							2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR						.02mR						.02mR	103:30	
03:35		.01mR				.01mR							2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR						.01mR	.03mR				.01mR	.04mR	103:35	
03:40		.02mR				.02mR							2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR						.01mR	.04mR				.01mR	.05mR	103:40	
03:45		.01mR	.03mR			.01mR	.03mR						2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR						.01mR	.05mR				.02mR	.07mR	103:45	
03:50		.01mR	.03mR			.01mR	.03mR						2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR						.02mR	.06mR				.03mR	.09mR	103:50	
03:55		.01mR	.04mR			.01mR	.04mR						2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR						.02mR	.08mR				.03mR	.11mR	103:55	
04:00		.01mR	.05mR			.01mR	.05mR						2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR						.03mR	.10mR				.04mR	.14mR	104:00	
04:05		.02mR	.07mR			.02mR	.07mR						2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR						.04mR	.12mR				.05mR	.17mR	104:05	
04:10		.02mR	.08mR			.01mR	.08mR						2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR						.04mR	.14mR				.06mR	.20mR	104:10	
04:15		.03mR	.09mR			.01mR	.09mR						2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR						.05mR	.16mR				.07mR	.23mR	104:15	
04:20		.03mR	.10mR			.01mR	.10mR						2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR						.06mR	.19mR				.08mR	.26mR	104:20	
04:25		.04mR	.12mR			.02mR	.12mR						2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR						.07mR	.21mR				.10mR	.29mR	104:25	
04:30		.04mR	.13mR			.02mR	.13mR						2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR						.08mR	.24mR				.11mR	.32mR	104:30	
04:35		.05mR	.14mR			.02mR	.14mR						2.0mR	2.0mR	4.9mR	4.9mR	1.0mR	1.0mR						.08mR	.26mR				.12mR	.36mR	104:35	

	Point 16	Point 17	Point 18	Point 19	Point 20	Point 21	Point 22	Point 23	Point 24	Point 25	Point 26	Point 27	Point 28	Point 29	Point 30	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
02:20																102:20
02:25																102:25
02:30																102:30
02:35																102:35
02:40																102:40
02:45																102:45
02:50																102:50
02:55																102:55
03:00																103:00
03:05																103:05
03:10																103:10
03:15																103:15
03:20																103:20
03:25		.01mR					.01mR									103:25
03:30		.01mR					.01mR	.01mR								103:30
03:35		.02mR					.02mR	.01mR	.01mR							103:35
03:40	.01mR	.03mR					.01mR	.03mR	.02mR	.01mR						103:40
03:45	.01mR	.05mR					.01mR	.04mR	.01mR	.03mR	.02mR					103:45
03:50	.02mR	.06mR					.01mR	.05mR	.01mR	.03mR	.01mR	.03mR				103:50
03:55	.02mR	.07mR					.02mR	.06mR	.01mR	.04mR	.01mR	.03mR				103:55
04:00	.03mR	.09mR					.02mR	.08mR	.01mR	.05mR	.01mR	.04mR				104:00
04:05	.03mR	.11mR					.03mR	.10mR	.02mR	.07mR	.01mR	.05mR				104:05
04:10	.04mR	.13mR					.03mR	.11mR	.02mR	.08mR	.02mR	.06mR				104:10
04:15	.05mR	.15mR					.04mR	.13mR	.03mR	.09mR	.02mR	.07mR				104:15
04:20	.05mR	.17mR					.05mR	.15mR	.03mR	.10mR	.02mR	.08mR				104:20
04:25	.06mR	.19mR					.05mR	.17mR	.04mR	.12mR	.03mR	.09mR				104:25
04:30	.07mR	.21mR					.06mR	.19mR	.04mR	.13mR	.03mR	.10mR		.01mR		104:30
04:35	.08mR	.24mR					.07mR	.21mR	.05mR	.14mR	.04mR	.11mR	.01mR			104:35

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-- Rad Monitor ALARMS --

* - Hi Alana

1 - HiHi Alarm

0 - HiHiHi or Only Alarm

--- CONTAMINATION Units ---

C = CPTM

KC = 1000's of cpm

assumes 10% efficiency

--- DOSE RATE Units ---

$$mR = mcm/hr$$

R = Rem/hr

KR = 1000's of Rem/hr

--- Air Sample Data ---

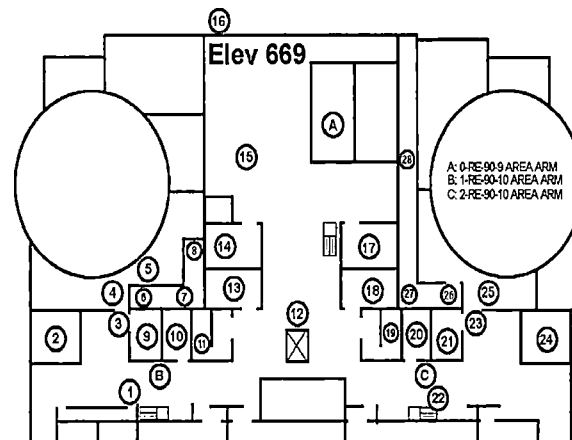
Air Samples based on

1000000 cc

air sample

	1RM-010	2RM-010	0RM-118	0RM-09						
	.1	.1	10	.1						
	10000	10000	1E+07	10000						
	nr/hr	nr/hr	cpm	nr/hr						
02:201	1.5E-01	1.1E-01	3.3E+01	1.1E-01						02:20
02:351	1.5E-01	1.1E-01	3.3E+01	1.1E-01						02:25
02:301	1.5E-01	1.1E-01	3.3E+01	1.1E-01						02:30
02:351	1.5E-01	1.1E-01	3.3E+01	1.1E-01						02:35
02:401	1.5E-01	1.1E-01	3.3E+01	1.1E-01						02:40
02:451	1.5E-01	1.1E-01	3.3E+01	1.1E-01						02:45
02:501	1.5E-01	1.1E-01	3.3E+01	1.1E-01						02:50
02:551	1.5E-01	1.1E-01	3.3E+01	1.1E-01						02:55
03:001	1.5E-01	1.1E-01	3.3E+01	1.1E-01						03:00
03:051	1.5E-01	1.1E-01	3.3E+01	1.1E-01						03:05
03:101	1.5E-01	1.1E-01	3.3E+01	1.1E-01						03:10
03:151	1.5E-01	1.1E-01	3.3E+01	1.1E-01						03:15
03:201	1.5E-01	1.1E-01	3.3E+01	1.1E-01						03:20
03:251	1.5E-01	1.1E-01	3.3E+01	1.2E-01						03:25
03:301	1.5E-01	1.2E-01	3.3E+01	1.2E-01						03:30
03:351	1.6E-01	1.2E-01	3.3E+01	1.2E-01						03:35
03:401	1.6E-01	1.2E-01	3.3E+01	1.3E-01						03:40
03:451	1.6E-01	1.2E-01	3.3E+01	1.4E-01						03:45
03:501	1.7E-01	1.3E-01	3.3E+01	1.4E-01						03:50
03:551	1.7E-01	1.3E-01	3.3E+01	1.5E-01						03:55
04:001	1.8E-01	1.4E-01	3.3E+01	1.6E-01						04:00
04:051	1.8E-01	1.4E-01	3.3E+01	1.7E-01						04:05
04:101	1.9E-01	1.5E-01	3.3E+01	1.8E-01						04:10
04:151	1.9E-01	1.6E-01	3.3E+01	1.9E-01						04:15
04:201	2.0E-01	1.6E-01	3.3E+01	2.0E-01						04:20
04:251	2.0E-01	1.7E-01	3.3E+01	2.1E-01						04:25
04:301	2.1E-01	1.8E-01	3.3E+01	2.2E-01						04:30
04:351	2.2E-01	1.8E-01	3.3E+01	2.3E-01						04:35

[U0] ELEV 669 MATH			[U1] ELEV 669 PERH			[U2] ELEV 669 PERH			[U1] ST A ROOM			[U1] ST B ROOM			[U2] ST A ROOM			[U2] ST B ROOM			[U1] CCP A ROOM			[U1] CCP B ROOM			[U2] CCP A ROOM			[U2] CCP B ROOM					
HEPA	T131	Surf	HEPA	T131	Surf	HEPA	T131	Surf	HEPA	T131	Surf	HEPA	T131	Surf	HEPA	T131	Surf	HEPA	T131	Surf	HEPA	T131	Surf	HEPA	T131	Surf	HEPA	T131	Surf	HEPA	T131	Surf			
02:20																															102:20				
02:25																															102:25				
02:30																															102:30				
02:35																															102:35				
02:40																															102:40				
02:45																															102:45				
02:50																															102:50				
02:55																															102:55				
03:00																															103:00				
03:05																															103:05				
03:10	8.6C	1.3C																													103:10				
03:15	31C	5.7C																													103:15				
03:20	75C	15C																													103:20				
03:25	140C	31C	34C					1.6C		1.6C		1.6C		1.6C		1.6C		1.6C		1.6C		1.6C		1.6C		1.6C		1.6C		1.6C	103:25				
03:30	240C	21C	64C	1.1C		1.1C		3.1C		3.1C		3.1C		3.1C		3.1C		3.1C		3.1C		3.1C		3.1C		3.1C		3.1C		3.1C	103:30				
03:35	370C	32C	100C	2.0C		2.0C		5.6C	1.4C	5.6C	1.4C	5.6C	1.4C	5.6C	1.4C	5.6C	1.4C	5.6C	1.4C	5.6C	1.4C	5.6C	1.4C	5.6C	1.4C	5.6C	1.4C	5.6C	1.4C	5.6C	1.4C	103:35			
03:40	520C	46C	160C	3.3C		3.3C		9.0C	2.5C	9.0C	2.5C	9.0C	2.5C	9.0C	2.5C	9.0C	2.5C	9.0C	2.5C	9.0C	2.5C	9.0C	2.5C	9.0C	2.5C	9.0C	2.5C	9.0C	2.5C	9.0C	2.5C	103:40			
03:45	710C	61C	240C	5.0C		1.5C	5.0C	1.3C	1.1C	4.1C	1.3C	1.1C	4.1C	1.3C	1.1C	4.1C	1.3C	1.1C	4.1C	1.3C	1.1C	4.1C	1.3C	1.1C	4.1C	1.3C	1.1C	4.1C	1.3C	1.1C	4.1C	103:45			
03:50	920C	79C	330C	7.3C		2.3C	7.3C	1.6C	6.3C	1.9C	1.6C	6.3C	1.9C	1.6C	6.3C	1.9C	1.6C	6.3C	1.9C	1.6C	6.3C	1.9C	1.6C	6.3C	1.9C	1.6C	6.3C	1.9C	1.6C	6.3C	1.9C	1.6C	6.3C	103:50	
03:55	1.13C	95C	440C	10C		3.4C	10C	27C	2.2C	9.2C	27C	2.2C	9.2C	27C	2.2C	9.2C	27C	2.2C	9.2C	27C	2.2C	9.2C	27C	2.2C	9.2C	27C	2.2C	9.2C	27C	2.2C	9.2C	27C	2.2C	9.2C	103:55
04:00	1.48C	120C	580C	13C	1.0C	4.8C	13C	1.0C	4.8C	36C	2.9C	13C	36C	2.9C	13C	36C	2.9C	13C	36C	2.9C	13C	36C	2.9C	13C	36C	2.9C	13C	36C	2.9C	13C	36C	2.9C	13C	104:00	
04:05	1.78C	140C	740C	17C	1.4C	6.6C	17C	1.4C	6.6C	47C	3.8C	17C	47C	3.8C	17C	47C	3.8C	17C	47C	3.8C	17C	47C	3.8C	17C	47C	3.8C	17C	47C	3.8C	17C	47C	3.8C	17C	104:05	
04:10	2.13C	170C	920C	22C	1.8C	8.8C	22C	1.8C	8.7C	61C	4.9C	23C	61C	4.9C	23C	61C	4.9C	23C	61C	4.9C	23C	61C	4.9C	23C	61C	4.9C	23C	61C	4.9C	23C	61C	4.9C	23C	104:10	
04:15	2.48C	200C	1.18C	28C	2.2C	11C	28C	2.2C	11C	76C	6.1C	30C	76C	6.1C	30C	76C	6.1C	30C	76C	6.1C	30C	76C	6.1C	30C	76C	6.1C	30C	76C	6.1C	30C	76C	6.1C	30C	104:15	
04:20	2.83C	230C	1.38C	35C	2.7C	14C	35C	2.7C	14C	94C	7.5C	39C	94C	7.5C	39C	94C	7.5C	39C	94C	7.5C	39C	94C	7.5C	39C	94C	7.5C	39C	94C	7.5C	39C	94C	7.5C	39C	104:20	
04:25	3.23C	260C	1.58C	42C	3.3C	18C	42C	3.3C	18C	110C	9.0C	49C	110C	9.0C	49C	110C	9.0C	49C	110C	9.0C	49C	110C	9.0C	49C	110C	9.0C	49C	110C	9.0C	49C	110C	9.0C	49C	104:25	
04:30	3.63C	300C	1.88C	51C	4.0C	22C	50C	4.0C	22C	130C	10C	60C	130C	10C	60C	130C	10C	60C	130C	10C	60C	130C	10C	60C	130C	10C	60C	130C	10C	60C	130C	10C	60C	104:30	
04:35	4.18C	330C	2.18C	60C	4.2C	27C	60C	4.2C	27C	160C	12C	74C	160C	12C	74C	160C	12C	74C	160C	12C	74C	160C	12C	74C	160C	12C	74C	160C	12C	74C	160C	12C	74C	104:35	



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	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Point 7	Point 8	Point 9	Point 10	Point 11	Point 12	Point 13	Point 14	Point 15	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
04:40	.05mR	.16mR	.01mR	.03mR	.05mR	.16mR	.01mR	.03mR	.05mR	.16mR	.01mR	.03mR	.05mR	.16mR	.01mR	.03mR
04:45	.06mR	.17mR	.01mR	.03mR	.06mR	.17mR	.01mR	.03mR	.06mR	.17mR	.01mR	.03mR	.06mR	.17mR	.01mR	.03mR
04:50	.06mR	.19mR	.01mR	.04mR	.06mR	.19mR	.01mR	.04mR	.06mR	.19mR	.01mR	.04mR	.06mR	.19mR	.01mR	.04mR
04:55	.07mR	.20mR	.01mR	.04mR	.07mR	.20mR	.01mR	.04mR	.07mR	.20mR	.01mR	.04mR	.07mR	.20mR	.01mR	.04mR
05:00	.07mR	.22mR	.01mR	.05mR	.07mR	.22mR	.01mR	.05mR	.07mR	.22mR	.01mR	.05mR	.07mR	.22mR	.01mR	.05mR
05:05	.08mR	.23mR	.01mR	.05mR	.08mR	.23mR	.01mR	.05mR	.08mR	.23mR	.01mR	.05mR	.08mR	.23mR	.01mR	.05mR
05:10	.08mR	.25mR	.02mR	.06mR	.08mR	.25mR	.02mR	.06mR	.08mR	.25mR	.02mR	.06mR	.08mR	.25mR	.02mR	.06mR
05:15	.09mR	.26mR	.02mR	.06mR	.09mR	.26mR	.02mR	.06mR	.09mR	.26mR	.02mR	.06mR	.09mR	.26mR	.02mR	.06mR
05:20	.09mR	.28mR	.02mR	.07mR	.09mR	.28mR	.02mR	.07mR	.09mR	.28mR	.02mR	.07mR	.09mR	.28mR	.02mR	.07mR
05:25	.10mR	.30mR	.02mR	.08mR	.10mR	.29mR	.01mR	.08mR	.10mR	.29mR	.01mR	.08mR	.10mR	.29mR	.01mR	.08mR
05:30	.10mR	.31mR	.02mR	.08mR	.10mR	.31mR	.01mR	.08mR	.10mR	.31mR	.01mR	.08mR	.10mR	.31mR	.01mR	.08mR
05:35	.11mR	.32mR	.02mR	.09mR	.11mR	.32mR	.01mR	.09mR	.11mR	.32mR	.01mR	.09mR	.11mR	.32mR	.01mR	.09mR
05:40	.11mR	.34mR	.03mR	.10mR	.11mR	.34mR	.01mR	.10mR	.11mR	.34mR	.01mR	.10mR	.11mR	.34mR	.01mR	.10mR
05:45	.12mR	.36mR	.03mR	.10mR	.12mR	.36mR	.01mR	.10mR	.12mR	.36mR	.01mR	.10mR	.12mR	.36mR	.01mR	.10mR
05:50	.13mR	.38mR	.03mR	.11mR	.12mR	.38mR	.01mR	.11mR	.12mR	.38mR	.01mR	.11mR	.12mR	.38mR	.01mR	.11mR
05:55	.13mR	.39mR	.04mR	.12mR	.13mR	.39mR	.02mR	.12mR	.13mR	.39mR	.02mR	.12mR	.13mR	.39mR	.02mR	.12mR
06:00	.14mR	.41mR	.04mR	.12mR	.14mR	.41mR	.02mR	.12mR	.14mR	.41mR	.02mR	.12mR	.14mR	.41mR	.02mR	.12mR

	Point 16	Point 17	Point 18	Point 19	Point 20	Point 21	Point 22	Point 23	Point 24	Point 25	Point 26	Point 27	Point 28	Point 29	Point 30	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
04:40	.08mR	.26mR	.01mR	.03mR	.05mR	.16mR	.01mR	.03mR	.05mR	.16mR	.01mR	.03mR	.05mR	.16mR	.01mR	.03mR
04:45	.09mR	.28mR	.01mR	.03mR	.06mR	.17mR	.01mR	.03mR	.06mR	.17mR	.01mR	.03mR	.06mR	.17mR	.01mR	.03mR
04:50	.10mR	.31mR	.01mR	.04mR	.06mR	.19mR	.01mR	.04mR	.06mR	.19mR	.01mR	.04mR	.06mR	.19mR	.01mR	.04mR
04:55	.11mR	.33mR	.01mR	.04mR	.07mR	.20mR	.01mR	.04mR	.07mR	.20mR	.01mR	.04mR	.07mR	.20mR	.01mR	.04mR
05:00	.12mR	.35mR	.01mR	.05mR	.08mR	.21mR	.01mR	.05mR	.08mR	.21mR	.01mR	.05mR	.08mR	.21mR	.01mR	.05mR
05:05	.13mR	.38mR	.01mR	.05mR	.09mR	.23mR	.01mR	.05mR	.09mR	.23mR	.01mR	.05mR	.09mR	.23mR	.01mR	.05mR
05:10	.13mR	.40mR	.01mR	.06mR	.10mR	.25mR	.01mR	.06mR	.10mR	.25mR	.01mR	.06mR	.10mR	.25mR	.01mR	.06mR
05:15	.14mR	.43mR	.01mR	.06mR	.11mR	.26mR	.01mR	.06mR	.11mR	.26mR	.01mR	.06mR	.11mR	.26mR	.01mR	.06mR
05:20	.15mR	.46mR	.01mR	.07mR	.12mR	.28mR	.01mR	.07mR	.12mR	.28mR	.01mR	.07mR	.12mR	.28mR	.01mR	.07mR
05:25	.16mR	.48mR	.01mR	.07mR	.13mR	.29mR	.01mR	.07mR	.13mR	.29mR	.01mR	.07mR	.13mR	.29mR	.01mR	.07mR
05:30	.17mR	.51mR	.01mR	.08mR	.14mR	.31mR	.01mR	.08mR	.14mR	.31mR	.01mR	.08mR	.14mR	.31mR	.01mR	.08mR
05:35	.18mR	.53mR	.01mR	.08mR	.15mR	.33mR	.01mR	.08mR	.15mR	.33mR	.01mR	.08mR	.15mR	.33mR	.01mR	.08mR
05:40	.19mR	.56mR	.01mR	.09mR	.16mR	.34mR	.01mR	.09mR	.16mR	.34mR	.01mR	.09mR	.16mR	.34mR	.01mR	.09mR
05:45	.20mR	.59mR	.01mR	.09mR	.17mR	.36mR	.01mR	.09mR	.17mR	.36mR	.01mR	.09mR	.17mR	.36mR	.01mR	.09mR
05:50	.21mR	.61mR	.01mR	.10mR	.18mR	.38mR	.01mR	.10mR	.18mR	.38mR	.01mR	.10mR	.18mR	.38mR	.01mR	.10mR
05:55	.22mR	.64mR	.01mR	.10mR	.19mR	.40mR	.01mR	.10mR	.19mR	.40mR	.01mR	.10mR	.19mR	.40mR	.01mR	.10mR
06:00	.22mR	.66mR	.01mR	.10mR	.20mR	.41mR	.01mR	.10mR	.20mR	.41mR	.01mR	.10mR	.20mR	.41mR	.01mR	.10mR

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--- Rad Monitor ALARMS ---

* = HI Alarm

4 = HiHi Alarm

--- CONTAMINATION Units ---

C - CONTINUED

KC = 1000's of cpm

--- DOSE RATE Units ---

$$IR = 15 \text{ cm/hr}$$

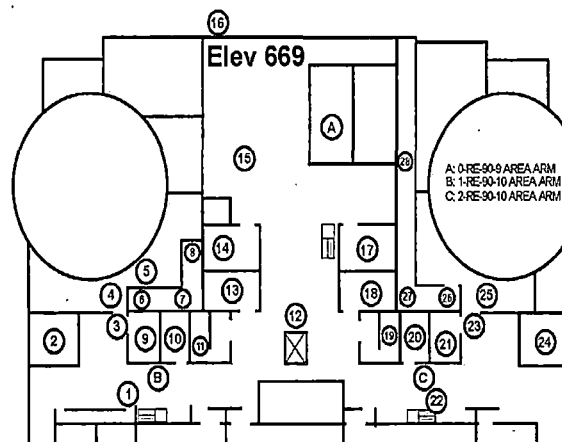
R = Rem/hr

--- Air Sample Data ---

Air Samples based on

1000000 CC

	1RM-010	2RM-010	0RM-118	0RM-09						
	.1	.1	10	.1						
	10000	10000	1k+07	10000						
	mt/hr	mt/hr	cpm	mt/hr						
04:401	2.2E-01	1.9E-01	3.3E+01	2.4E-01						04:40
04:451	2.3E-01	2.0E-01	3.3E+01	2.6E-01						04:45
04:501	2.4E-01	2.0E-01	3.3E+01	2.7E-01						04:50
04:551	2.4E-01	2.1E-01	3.3E+01	2.8E-01						04:55
05:001	2.5E-01	2.2E-01	3.3E+01	2.9E-01						05:00
05:051	2.6E-01	2.3E-01	3.3E+01	3.1E-01						05:05
05:101	2.6E-01	2.3E-01	3.3E+01	3.2E-01						05:10
05:151	2.7E-01	2.4E-01	3.3E+01	3.3E-01						05:15
05:201	2.8E-01	2.5E-01	3.3E+01	3.5E-01						05:20
05:251	2.8E-01	2.6E-01	3.3E+01	3.6E-01						05:25
05:301	2.9E-01	2.6E-01	3.3E+01	3.7E-01						05:30
05:351	3.0E-01	2.7E-01	3.3E+01	3.9E-01						05:35
05:401	3.1E-01	2.8E-01	3.3E+01	4.0E-01						05:40
05:451	3.1E-01	2.9E-01	3.3E+01	4.1E-01						05:45
05:501	3.2E-01	3.0E-01	3.3E+01	4.3E-01						05:50
05:551	3.3E-01	3.0E-01	3.3E+01	4.4E-01						05:55
06:001	3.4E-01	3.1E-01	3.3E+01	4.5E-01						06:00

[illegible]

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	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Point 7	Point 8	Point 9	Point 10	Point 11	Point 12	Point 13	Point 14	Point 15	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
00:00																100:00
00:05																100:05
00:10																100:10
00:15																100:15
00:20																100:20
00:25																100:25
00:30																100:30
00:35																100:35
00:40																100:40
00:45																100:45
00:50																100:50
00:55																100:55
01:00																101:00
01:05																101:05
01:10																101:10
01:15																101:15
01:20																101:20
01:25																101:25
01:30																101:30
01:35																101:35
01:40																101:40
01:45																101:45
01:50																101:50
01:55																101:55
02:00																102:00
02:05																102:05
02:10																102:10
02:15																102:15

	Point 16	Point 17	Point 18	Point 19	Point 20	Point 21	Point 22	Point 23	Point 24	Point 25	Point 26	Point 27	Point 28	Point 29	Point 30	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
00:00																100:00
00:05																100:05
00:10																100:10
00:15																100:15
00:20																100:20
00:25																100:25
00:30																100:30
00:35																100:35
00:40																100:40
00:45																100:45
00:50																100:50
00:55																100:55
01:00																101:00
01:05																101:05
01:10																101:10
01:15																101:15
01:20																101:20
01:25																101:25
01:30																101:30
01:35																101:35
01:40																101:40
01:45																101:45
01:50																101:50
01:55																101:55
02:00																102:00
02:05																102:05
02:10																102:10
02:15																102:15

00:00 Pt. 29 is the contact reading with the normal RCS sample volume.
 00:05 Pt. 30 is the 30 cm reading of the normal RCS sample volume.

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=== Rad Monitor ALARMS ===

* = Hi Alarm

= HiHi Alarm

@ = HiHiHi or Only Alarm

=== CONTAMINATION Units ===

C = cpm

KC = 1000's of cpm

assumes 10% efficiency

=== DOSE RATE Units ===

mR = mrem/hr

R = Rem/hr

KR = 1000's of Rem/hr

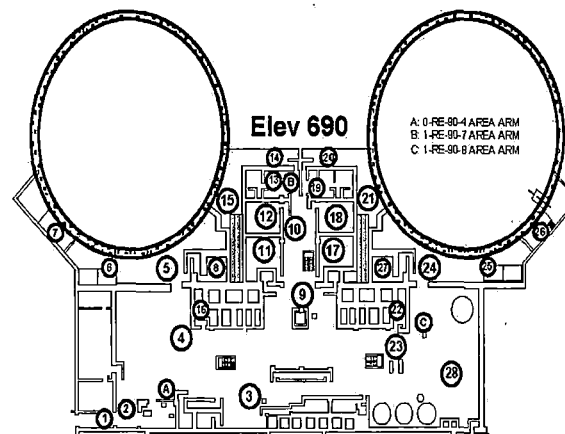
=== Air Sample Data ===

Air Samples based on

1000000 cc

air sample

	1RM-008	2RM-008	1RM-130	1RM-131	1RM-007	2RM-007	2RM-130	2RM-131		
	.1	.1	10	10	.1	.1	10	10		
	10000	10000	1E+07	1E+07	10000	10000	1E+07	1E+07		
	nt/hr	nt/hr	cpa	cpa	nt/hr	nt/hr	cpa	cpa		
00:00	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.2E+00	1.3E-01	8.5E+01	1.4E+02		00:00
00:05	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02		00:05
00:10	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.5E+00	1.3E-01	8.5E+01	1.4E+02		00:10
00:15	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.6E+00	1.3E-01	8.5E+01	1.4E+02		00:15
00:20	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.7E+00	1.3E-01	8.5E+01	1.4E+02		00:20
00:25	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.7E+00	1.3E-01	8.5E+01	1.4E+02		00:25
00:30	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.7E+00	1.3E-01	8.5E+01	1.4E+02		00:30
00:35	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.6E+00	1.3E-01	8.5E+01	1.4E+02		00:35
00:40	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.6E+00	1.3E-01	8.5E+01	1.4E+02		00:40
00:45	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.6E+00	1.3E-01	8.5E+01	1.4E+02		00:45
00:50	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.6E+00	1.3E-01	8.5E+01	1.4E+02		00:50
00:55	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.6E+00	1.3E-01	8.5E+01	1.4E+02		00:55
01:00	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.6E+00	1.3E-01	8.5E+01	1.4E+02		01:00
01:05	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.6E+00	1.3E-01	8.5E+01	1.4E+02		01:05
01:10	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.6E+00	1.3E-01	8.5E+01	1.4E+02		01:10
01:15	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.6E+00	1.3E-01	8.5E+01	1.4E+02		01:15
01:20	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.6E+00	1.3E-01	8.5E+01	1.4E+02		01:20
01:25	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.5E+00	1.3E-01	8.5E+01	1.4E+02		01:25
01:30	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.5E+00	1.3E-01	8.5E+01	1.4E+02		01:30
01:35	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.5E+00	1.3E-01	8.5E+01	1.4E+02		01:35
01:40	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.5E+00	1.3E-01	8.5E+01	1.4E+02		01:40
01:45	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.5E+00	1.3E-01	8.5E+01	1.4E+02		01:45
01:50	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.5E+00	1.3E-01	8.5E+01	1.4E+02		01:50
01:55	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.5E+00	1.3E-01	8.5E+01	1.4E+02		01:55
02:00	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.5E+00	1.3E-01	8.5E+01	1.4E+02		02:00
02:05	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.5E+00	1.3E-01	8.5E+01	1.4E+02		02:05
02:10	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.5E+00	1.3E-01	8.5E+01	1.4E+02		02:10
02:15	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.5E+00	1.3E-01	8.5E+01	1.4E+02		02:15



	U01 ELEV 690 MAIN HEPA 1131 Surf	U1 ELEV 690 PENE HEPA 1131 Surf	U1 HOT SAMPLE ROOM HEPA 1131 Surf	U1 ELEV 690 VCT RM HEPA 1131 Surf	U1 SEAL RX ROOM HEPA 1131 Surf	U1 RHR A RX ROOM HEPA 1131 Surf	U1 RHR B RX ROOM HEPA 1131 Surf	U1 CIVILTY HATCH 690 HEPA 1131 Surf	U2 ELEV 690 PENE HEPA 1131 Surf	U2 SEAL RX ROOM HEPA 1131 Surf	U2 HOT SAMPLE RM HEPA 1131 Surf	
00:00	00:00
00:05	00:05
00:10	00:10
00:15	00:15
00:20	00:20
00:25	00:25
00:30	00:30
00:35	00:35
00:40	00:40
00:45	00:45
00:50	00:50
00:55	00:55
01:00	01:00
01:05	01:05
01:10	01:10
01:15	01:15
01:20	01:20
01:25	01:25
01:30	01:30
01:35	01:35
01:40	01:40
01:45	01:45
01:50	01:50
01:55	01:55
02:00	02:00
02:05	02:05
02:10	02:10
02:15	02:15

06-01-2016 19:03:27 SQN 9-14-2016 AB 690 Dose Points - Page 2

	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Point 7	Point 8	Point 9	Point 10	Point 11	Point 12	Point 13	Point 14	Point 15	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
02:20																102:20
02:25																102:25
02:30																102:30
02:35																102:35
02:40																102:40
02:45																102:45
02:50																102:50
02:55																102:55
03:00																103:00
03:05																103:05
03:10																103:10
03:15																103:15
03:20																103:20
03:25																103:25
03:30																103:30
03:35																103:35
03:40																103:40
03:45																103:45
03:50																103:50
03:55																103:55
04:00																104:00
04:05																104:05
04:10																104:10
04:15																104:15
04:20																104:20
04:25																104:25
04:30																104:30
04:35																104:35

	Point 16	Point 17	Point 18	Point 19	Point 20	Point 21	Point 22	Point 23	Point 24	Point 25	Point 26	Point 27	Point 28	Point 29	Point 30	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
02:20																102:20
02:25																102:25
02:30																102:30
02:35																102:35
02:40																102:40
02:45																102:45
02:50																102:50
02:55																102:55
03:00																103:00
03:05																103:05
03:10																103:10
03:15																103:15
03:20																103:20
03:25																103:25
03:30																103:30
03:35																103:35
03:40																103:40
03:45																103:45
03:50																103:50
03:55																103:55
04:00																104:00
04:05																104:05
04:10																104:10
04:15																104:15
04:20																104:20
04:25																104:25
04:30																104:30
04:35																104:35

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=== Rad Monitor ALARMS ===

* = Hi Alarm

= HiHi Alarm

@ = HiHiHi or Only Alarm

=== CONTAMINATION Units ===

C = cpm

MC = 1000's of cpm

assumes 10% efficiency

=== DOSE RATE Units ===

MR = mrem/hr

R = Rem/hr

RR = 1000's of Rem/hr

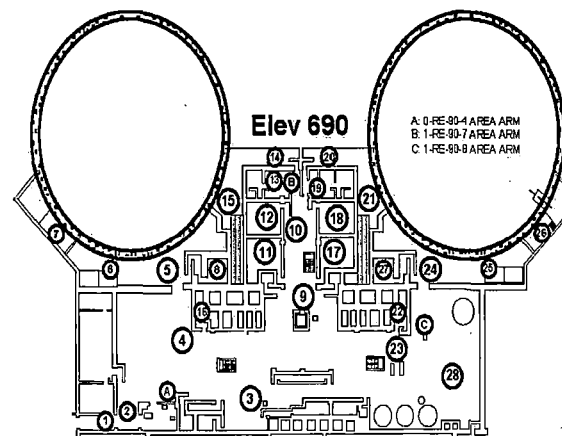
=== Air Sample Data ===

Air Samples based on

1000000 cc

air sample

	1RM-008	2RM-008	1RM-130	1RM-131	1RM-007	2RM-007	2RM-130	2RM-131			
	.1	.1	10	10	.1	.1	10	10			
	10000	10000	1E+07	1E+07	10000	10000	1E+07	1E+07			
	nt/hr	nt/hr	cpm	cpm	nt/hr	nt/hr	cpm	cpm			
02:20	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.5E+00	1.3E-01	8.5E+01	1.4E+02			02:20
02:25	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.5E+00	1.3E-01	8.5E+01	1.4E+02			02:25
02:30	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02			02:30
02:35	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02			02:35
02:40	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02			02:40
02:45	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02			02:45
02:50	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02			02:50
02:55	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02			02:55
03:00	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02			03:00
03:05	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02			03:05
03:10	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02			03:10
03:15	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02			03:15
03:20	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02			03:20
03:25	1.1E-01	1.2E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02			03:25
03:30	1.2E-01	1.3E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02			03:30
03:35	1.2E-01	1.3E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02			03:35
03:40	1.3E-01	1.4E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02			03:40
03:45	1.3E-01	1.5E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02			03:45
03:50	1.4E-01	1.5E-01	6.6E+01	1.3E+02	1.4E+00	1.3E-01	8.5E+01	1.4E+02			03:50
03:55	1.5E-01	1.6E-01	6.6E+01	1.3E+02	1.4E+00	1.4E-01	8.5E+01	1.4E+02			03:55
04:00	1.6E-01	1.8E-01	6.6E+01	1.3E+02	1.4E+00	1.4E-01	8.5E+01	1.4E+02			04:00
04:05	1.7E-01	1.9E-01	6.6E+01	1.3E+02	1.4E+00	1.4E-01	8.5E+01	1.4E+02			04:05
04:10	1.9E-01	2.0E-01	6.6E+01	1.3E+02	1.4E+00	1.4E-01	8.5E+01	1.4E+02			04:10
04:15	2.0E-01	2.2E-01	6.6E+01	1.3E+02	1.4E+00	1.5E-01	8.5E+01	1.4E+02			04:15
04:20	2.2E-01	2.4E-01	6.6E+01	1.3E+02	1.4E+00	1.5E-01	8.5E+01	1.4E+02			04:20
04:25	2.4E-01	2.6E-01	6.6E+01	1.3E+02	1.3E+00	1.6E-01	8.5E+01	1.4E+02			04:25
04:30	2.6E-01	2.8E-01	6.6E+01	1.3E+02	1.3E+00	1.6E-01	8.5E+01	1.4E+02			04:30
04:35	2.7E-01	3.0E-01	6.6E+01	1.3E+02	1.3E+00	1.7E-01	8.5E+01	1.4E+02			04:35



	UD ELEV 690 MAIN	U1 ELEV 690 PENE	U1 HOT SAMPLE ROOM	U1 ELEV 690 VCT_RM	U1 SEAL HK ROOM	U1 RHR A HK ROOM	U1 RHR B HK ROOM	U1 CNTMT HATCH 690	U2 ELEV 690 PENE	U2 SEAL HK ROOM	U2 HOT SAMPLE_RM	
	HEPA T131 Surf	HEPA T131 Surf	HEPA T131 Surf	HEPA T131 Surf	HEPA T131 Surf	HEPA T131 Surf	HEPA T131 Surf	HEPA T131 Surf	HEPA T131 Surf	HEPA T131 Surf	HEPA T131 Surf	
02:20	.	.	.	.	.	.	.	.	.	.	.	02:20
02:25	.	.	.	.	.	.	.	.	.	.	.	02:25
02:30	.	.	.	.	.	.	.	.	.	.	.	02:30
02:35	.	.	.	.	.	.	.	.	.	.	.	02:35
02:40	.	.	.	.	.	.	.	.	.	.	.	02:40
02:45	.	.	.	.	.	.	.	.	.	.	.	02:45
02:50	.	.	.	.	.	.	.	.	.	.	.	02:50
02:55	.	.	.	.	.	.	.	.	.	.	.	02:55
03:00	.	.	.	.	.	.	.	.	.	.	.	03:00
03:05	.	.	.	.	.	.	.	.	.	.	.	03:05
03:10	5.6C	.	.	.	.	.	.	.	.	.	.	03:10
03:15	2.2C 2.2C 4.2C	.	.	.	.	.	.	.	.	.	.	03:15
03:20	6.4C 5.8C 12C	2.9C	.	2.6C	.	.	.	.	2.9C	.	2.5C	03:20
03:25	130C 12C 30C	7.2C	1.5C	6.6C	1.3C	.	.	.	7.2C	1.5C	19C 1.7C 4.1C	03:25
03:30	250C 21C 62C	15C 1.3C 3.5C	13C 1.1C 3.2C	.	.	.	.	.	15C 1.3C 3.5C	.	40C 3.4C 9.3C	03:30
03:35	410C 35C 110C	28C 2.4C 7.1C	26C 2.1C 6.4C	.	.	1.1C	1.1C	.	28C 2.4C 7.1C	.	74C 6.2C 18C	03:35
03:40	640C 54C 180C	48C 4.0C 13C	44C 3.6C 11C	.	.	1.9C	1.9C	.	48C 4.0C 13C	.	128C 10C 34C	03:40
03:45	920C 77C 290C	78C 6.3C 22C	71C 5.8C 20C	.	.	3.1C	3.1C	.	78C 6.3C 22C	.	200C 16C 57C	03:45
03:50	1.2K 100C 420C	110C 9.5C 35C	100C 8.7C 32C	.	.	4.7C	4.7C	.	110C 9.5C 35C	.	290C 24C 91C	03:50
03:55	1.7K 140C 600C	170C 13C 54C	150C 12C 49C	.	.	6.9C	6.9C	2.2C	170C 13C 54C	.	420C 34C 130C	03:55
04:00	2.2K 180C 820C	230C 18C 80C	210C 17C 73C	.	.	9.7C	9.7C	3.2C	230C 18C 80C	.	590C 47C 200C	04:00
04:05	2.7K 220C 1.0K	320C 25C 110C	290C 23C 100C	.	.	13C 1.0C 4.6C	13C 1.0C 4.6C	.	320C 25C 110C	.	780C 62C 280C	04:05
04:10	3.4K 270C 1.4K	420C 33C 150C	380C 30C 140C	.	.	17C 1.3C 6.4C	17C 1.3C 6.4C	.	420C 33C 150C	.	1.0K 81C 380C	04:10
04:15	4.1K 330C 1.7K	540C 42C 200C	490C 39C 190C	.	.	22C 1.7C 8.6C	22C 1.7C 8.6C	.	540C 42C 200C	.	1.3K 100C 510C	04:15
04:20	4.9K 390C 2.1K	680C 53C 270C	620C 49C 240C	.	.	28C 2.2C 11C	28C 2.2C 11C	.	680C 53C 270C	.	1.6K 120C 660C	04:20
04:25	5.8K 460C 2.6K	840C 66C 350C	770C 60C 320C	.	.	35C 2.8C 14C	35C 2.8C 14C	.	840C 66C 350C	.	2.0K 150C 840C	04:25
04:30	6.7K 530C 3.1K	1.0K 80C 440C	940C 74C 400C	.	.	43C 3.4C 18C	43C 3.4C 18C	.	1.0K 80C 440C	.	2.4K 180C 1.0K	04:30
04:35	7.6K 610C 3.7K	1.2K 96C 540C	1.1K 88C 490C	.	.	52C 4.1C 23C	52C 4.1C 23C	.	1.2K 96C 540C	.	2.8K 220C 1.2K	04:35

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	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Point 7	Point 8	Point 9	Point 10	Point 11	Point 12	Point 13	Point 14	Point 15	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
04:40	.	.	.11mR .53mR	.25mR .59mR	.15mR .37mR	.02mR .07mR	.02mR .04mR	.01mR .04mR	.99mR .99mR	.19mR .65mR	.15mR .44mR	130R 130R	.8.3mR 8.3mR	2.0mR 2.1mR	.01mR .03mR	57R 57R
04:45	.	.	.12mR .37mR	.22mR .66mR	.21mR .63mR	.03mR .09mR	.01mR .05mR	.01mR .05mR	.99mR .99mR	.21mR .62mR	.17mR .51mR	150R 150R	.8.3mR 8.3mR	2.0mR 2.1mR	.01mR .03mR	57R 57R
04:50	.	.	.13mR .40mR	.24mR .72mR	.23mR .70mR	.03mR .10mR	.02mR .05mR	.02mR .05mR	.99mR .99mR	.23mR .62mR	.15mR .56mR	150R 150R	.8.3mR 8.3mR	2.0mR 2.1mR	.01mR .04mR	55R 55R
04:55	.	.	.15mR .44mR	.26mR .78mR	.25mR .76mR	.04mR .11mR	.02mR .06mR	.02mR .06mR	.99mR .99mR	.25mR .74mR	.20mR .61mR	140R 140R	.8.3mR 8.3mR	2.0mR 2.1mR	.01mR .05mR	53R 53R
05:00	.	.	.16mR .48mR	.28mR .85mR	.26mR .82mR	.04mR .13mR	.02mR .07mR	.02mR .07mR	.99mR .99mR	.27mR .81mR	.22mR .65mR	140R 140R	.8.3mR 8.3mR	2.0mR 2.1mR	.02mR .05mR	51R 51R
05:05	.	.	.17mR .51mR	.31mR .91mR	.30mR .88mR	.05mR .14mR	.02mR .08mR	.02mR .08mR	.99mR .99mR	.29mR .87mR	.24mR .70mR	130R 130R	.8.3mR 8.3mR	2.0mR 2.1mR	.02mR .05mR	49R 49R
05:10	.	.	.18mR .55mR	.33mR .99mR	.32mR .95mR	.05mR .16mR	.03mR .09mR	.03mR .09mR	.99mR .99mR	.31mR .93mR	.25mR .75mR	130R 130R	.8.3mR 8.3mR	2.0mR 2.1mR	.02mR .06mR	47R 47R
05:15	.	.	.20mR .58mR	.35mR 1.0mR	.34mR 1.0mR	.06mR .18mR	.03mR .10mR	.03mR .10mR	.99mR .99mR	.33mR .99mR	.27mR .80mR	120R 120R	.8.3mR 8.3mR	2.0mR 2.1mR	.02mR .06mR	45R 45R
05:20	.	.	.21mR .62mR	.37mR 1.1mR	.36mR 1.0mR	.06mR .20mR	.03mR .11mR	.03mR .11mR	.99mR .99mR	.35mR 1.0mR	.29mR .85mR	120R 120R	.8.3mR 8.3mR	2.0mR 2.1mR	.03mR .09mR	43R 43R
05:25	.	.	.22mR .65mR	.39mR 1.1mR	.38mR 1.1mR	.07mR .22mR	.04mR .12mR	.04mR .12mR	.99mR .99mR	.37mR 1.1mR	.30mR .90mR	110R 110R	.8.2mR 8.2mR	2.0mR 2.1mR	.03mR .10mR	42R 42R
05:30	.	.	.23mR .68mR	.41mR 1.2mR	.40mR 1.1mR	.08mR .24mR	.04mR .13mR	.04mR .13mR	.99mR .99mR	.39mR 1.1mR	.32mR .94mR	110R 110R	.8.2mR 8.2mR	2.0mR 2.1mR	.03mR .10mR	40R 40R
05:35	.	.	.24mR .72mR	.43mR 1.2mR	.42mR 1.2mR	.08mR .26mR	.05mR .15mR	.05mR .15mR	.99mR .99mR	.41mR 1.2mR	.33mR .95mR	100R 100R	.8.2mR 8.2mR	2.0mR 2.1mR	.04mR .11mR	39R 39R
05:40	.	.	.26mR .75mR	.45mR 1.3mR	.44mR 1.3mR	.09mR .28mR	.05mR .16mR	.05mR .16mR	.99mR .99mR	.43mR 1.2mR	.35mR 1.0mR	100R 100R	.8.2mR 8.2mR	2.0mR 2.1mR	.04mR .12mR	37R 37R
05:45	.	.	.27mR .78mR	.47mR 1.4mR	.46mR 1.3mR	.10mR .30mR	.05mR .17mR	.05mR .17mR	.99mR .99mR	.45mR 1.3mR	.36mR 1.0mR	100R 100R	.8.2mR 8.2mR	2.0mR 2.1mR	.04mR .13mR	36R 36R
05:50	.	.	.28mR .82mR	.49mR 1.4mR	.48mR 1.4mR	.11mR .32mR	.06mR .18mR	.06mR .18mR	.99mR .99mR	.47mR 1.3mR	.38mR 1.1mR	96R 96R	.8.2mR 8.2mR	2.0mR 2.2mR	.05mR .14mR	35R 35R
05:55	.	.	.29mR .84mR	.51mR 1.5mR	.49mR 1.4mR	.11mR .34mR	.06mR .20mR	.06mR .20mR	.99mR .99mR	.49mR 1.4mR	.39mR 1.1mR	93R 93R	.8.2mR 8.2mR	2.0mR 2.2mR	.05mR .15mR	33R 33R
06:00	.	.	.30mR .87mR	.53mR 1.5mR	.51mR 1.5mR	.12mR .36mR	.07mR .21mR	.07mR .21mR	.99mR .99mR	.50mR 1.4mR	.41mR 1.2mR	89R 89R	.8.2mR 8.2mR	2.0mR 2.2mR	.05mR .16mR	32R 32R

	Point 16	Point 17	Point 18	Point 19	Point 20	Point 21	Point 22	Point 23	Point 24	Point 25	Point 26	Point 27	Point 28	Point 29	Point 30	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
04:40	48mR	48mR	.	.	.04mR .13mR	.01mR .03mR	.01mR .05mR	.	.21mR .62mR	.02mR .07mR	.01mR .04mR	.01mR .04mR	.27mR .82mR	470R 470R	290mR 290mR	104:40
04:45	48mR	48mR	.	.	.05mR .15mR	.01mR .04mR	.02mR .06mR	.	.23mR .69mR	.03mR .09mR	.01mR .06mR	.01mR .05mR	.30mR .90mR	450R 450R	280mR 280mR	104:45
04:50	48mR	49mR	.	.	.06mR .17mR	.01mR .05mR	.02mR .07mR	.	.25mR .75mR	.03mR .10mR	.02mR .06mR	.02mR .05mR	.32mR .98mR	440R 440R	270mR 270mR	104:50
04:55	48mR	49mR	.	.	.06mR .15mR	.02mR .05mR	.02mR .08mR	.	.28mR .82mR	.04mR .11mR	.02mR .06mR	.02mR .06mR	.36mR 1.0mR	420R 420R	260mR 260mR	104:55
05:00	48mR	49mR	.	.	.07mR .22mR	.02mR .06mR	.03mR .09mR	.	.30mR .89mR	.04mR .13mR	.02mR .07mR	.02mR .07mR	.39mR 1.1mR	400R 400R	250mR 250mR	105:00
05:05	48mR	49mR	.	.	.08mR .24mR	.02mR .06mR	.03mR .10mR	.	.32mR .95mR	.05mR .14mR	.02mR .08mR	.02mR .08mR	.42mR 1.2mR	390R 390R	240mR 240mR	105:05
05:10	48mR	49mR	.	.	.09mR .27mR	.02mR .07mR	.04mR .12mR	.	.34mR 1.0mR	.05mR .16mR	.03mR .09mR	.03mR .09mR	.45mR 1.3mR	370R 370R	230mR 230mR	105:10
05:15	49mR	49mR	.	.	.10mR .29mR	.02mR .08mR	.04mR .13mR	.	.37mR 1.0mR	.06mR .18mR	.03mR .10mR	.03mR .10mR	.48mR 1.4mR	360R 360R	220mR 220mR	105:15
05:20	49mR	49mR	.	.	.11mR .32mR	.03mR .08mR	.05mR .14mR	.	.39mR 1.1mR	.06mR .20mR	.03mR .11mR	.03mR .11mR	.51mR 1.5mR	340R 340R	210mR 210mR	105:20
05:25	49mR	49mR	.	.	.12mR .35mR	.03mR .10mR	.05mR .16mR	.	.41mR 1.2mR	.07mR .22mR	.04mR .12mR	.04mR .12mR	.54mR 1.6mR	330R 330R	200mR 200mR	105:25
05:30	49mR	49mR	.	.	.13mR .38mR	.03mR .11mR	.06mR .17mR	.	.43mR 1.2mR	.08mR .24mR	.04mR .13mR	.04mR .13mR	.57mR 1.6mR	320R 320R	200mR 200mR	105:30
05:35	49mR	49mR	.	.	.14mR .40mR	.04mR .12mR	.06mR .19mR	.	.45mR 1.3mR	.08mR .26mR	.05mR .15mR	.05mR .15mR	.60mR 1.7mR	310R 310R	190mR 190mR	105:35
05:40	49mR	49mR	.	.	.14mR .43mR	.04mR .13mR	.07mR .20mR	.	.47mR 1.4mR	.09mR .28mR	.05mR .16mR	.05mR .16mR	.62mR 1.8mR	300R 300R	180mR 180mR	105:40
05:45	49mR	49mR	.	.	.15mR .46mR	.04mR .14mR	.07mR .22mR	.	.49mR 1.4mR	.10mR .30mR	.05mR .17mR	.05mR .17mR	.65mR 1.9mR	280R 280R	170mR 170mR	105:45
05:50	49mR	49mR	.	.	.16mR .49mR	.05mR .15mR	.08mR .23mR	.	.51mR 1.5mR	.11mR .32mR	.06mR .18mR	.06mR .18mR	.68mR 1.9mR	270R 270R	170mR 170mR	105:50
05:55	49mR	49mR	.	.	.17mR .52mR	.05mR .16mR	.08mR .25mR	.	.53mR 1.5mR	.11mR .34mR	.06mR .20mR	.06mR .20mR	.70mR 2.0mR	260R 260R	160mR 160mR	105:55
06:00	49mR	49mR	.	.	.18mR .54mR	.05mR .17mR	.09mR .27mR	.	.55mR 1.6mR	.12mR .36mR	.07mR .21mR	.07mR .21mR	.73mR 2.1mR	250R 250R	150mR 150mR	106:00

06-01-2016 19:03:27 SQN 9-14-2016 AB_690 Air / Raons - Page 3

=== Rad Monitor ALARMS ===

* = Hi Alarm

= HiHi Alarm

@ = HiHiHi or only Alarm

=== CONTAMINATION Units ===

C = cpm

KC = 1000's of cpm

assumes 10% efficiency

=== DOSE RATE Units ===

mR = mrem/hr

R = Rem/hr

KR = 1000's of Rem/hr

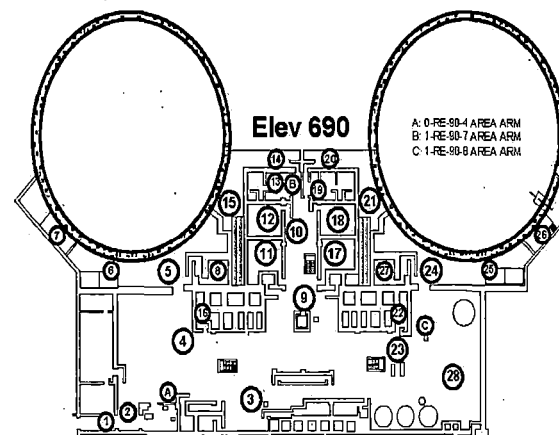
=== Air Sample Data ===

Air Samples based on

1000000 cc

air sample

	1RM-008	2RM-008	1RM-130	1RM-131	1RM-007	2RM-007	2RM-130	2RM-131		
	.1	.1	10	10	.1	.1	10	10		
	10000	10000	1E+07	1E+07	10000	10000	1E+07	1E+07		
	nt/hr	nt/hr	cpa	cpa	nt/hr	nt/hr	cpa	cpa		
04:40	2.9E-01	3.2E-01	6.6E+01	1.3E+02	1.3E+00	1.8E-01	8.5E+01	1.4E+02	04:40	
04:45	3.1E-01	3.4E-01	6.6E+01	1.3E+02	1.3E+00	1.8E-01	8.5E+01	1.4E+02	04:45	
04:50	3.3E-01	3.6E-01	6.6E+01	1.3E+02	1.3E+00	1.9E-01	8.5E+01	1.4E+02	04:50	
04:55	3.5E-01	3.8E-01	6.6E+01	1.3E+02	1.3E+00	2.0E-01	8.5E+01	1.4E+02	04:55	
05:00	3.7E-01	4.0E-01	6.6E+01	1.3E+02	1.3E+00	2.1E-01	8.5E+01	1.4E+02	05:00	
05:05	3.9E-01	4.2E-01	6.6E+01	1.3E+02	1.4E+00	2.1E-01	8.5E+01	1.4E+02	05:05	
05:10	4.1E-01	4.4E-01	6.6E+01	1.3E+02	1.4E+00	2.2E-01	8.5E+01	1.4E+02	05:10	
05:15	4.3E-01	4.7E-01	6.6E+01	1.3E+02	1.4E+00	2.3E-01	8.5E+01	1.4E+02	05:15	
05:20	4.5E-01	4.9E-01	6.6E+01	1.3E+02	1.4E+00	2.4E-01	8.5E+01	1.4E+02	05:20	
05:25	4.7E-01	5.1E-01	6.6E+01	1.3E+02	1.4E+00	2.5E-01	8.5E+01	1.4E+02	05:25	
05:30	4.9E-01	5.3E-01	6.6E+01	1.3E+02	1.4E+00	2.6E-01	8.5E+01	1.4E+02	05:30	
05:35	5.1E-01	5.5E-01	6.6E+01	1.3E+02	1.4E+00	2.7E-01	8.5E+01	1.4E+02	05:35	
05:40	5.3E-01	5.7E-01	6.6E+01	1.3E+02	1.4E+00	2.8E-01	8.5E+01	1.4E+02	05:40	
05:45	5.5E-01	5.9E-01	6.6E+01	1.3E+02	1.4E+00	2.9E-01	8.5E+01	1.4E+02	05:45	
05:50	5.7E-01	6.0E-01	6.6E+01	1.3E+02	1.4E+00	3.0E-01	8.5E+01	1.4E+02	05:50	
05:55	5.9E-01	6.2E-01	6.6E+01	1.3E+02	1.4E+00	3.1E-01	8.5E+01	1.4E+02	05:55	
06:00	5.9E-01	6.4E-01	6.6E+01	1.3E+02	1.4E+00	3.2E-01	8.5E+01	1.4E+02	06:00	



	U01 ELEV 690 MAIN	U01 ELEV 690 PENE	U01 HOT SAMPLE ROOM	U01 ELEV 690 VCT RM	U01 SEAL RX ROOM	U01 RHR A RX ROOM	U01 RHR B RX ROOM	U01 CNVINT HATCH 690	U02 ELEV 690 PENE	U02 SEAL RX ROOM	U02 HOT SAMPLE RM	
	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	
04:40	8.6KC 680C 4.3KC	1.4KC 110C 660C	1.3KC 100C 610C	.	.	62C 4.9C 28C	62C 4.9C 28C	.	1.4KC 110C 660C	.	3.3KC 260C 1.5KC	04:40
04:45	9.5KC 760C 5.0KC	1.7KC 130C 800C	1.5KC 120C 730C	.	.	74C 5.7C 34C	74C 5.7C 34C	.	1.7KC 130C 800C	.	3.8KC 300C 1.8KC	04:45
04:50	10KC 840C 5.6KC	1.9KC 150C 950C	1.8KC 140C 870C	.	.	86C 6.7C 40C	86C 6.7C 40C	.	1.9KC 150C 950C	.	4.4KC 340C 2.1KC	04:50
04:55	11KC 920C 6.3KC	2.2KC 170C 1.1KC	2.0KC 160C 1.0KC	.	.	99C 7.7C 48C	99C 7.7C 48C	.	2.2KC 170C 1.1KC	.	5.0KC 390C 2.5KC	04:55
05:00	12KC 1.0KC 7.1KC	2.5KC 200C 1.3KC	2.3KC 180C 1.1KC	.	.	110C 8.9C 56C	110C 8.9C 56C	.	2.5KC 200C 1.3KC	.	5.6KC 440C 2.9KC	05:00
05:05	13KC 1.0KC 7.8KC	2.8KC 220C 1.4KC	2.6KC 200C 1.3KC	.	.	120C 10C 65C	120C 10C 65C	.	2.8KC 220C 1.4KC	.	6.2KC 490C 3.3KC	05:05
05:10	14KC 1.1KC 8.6KC	3.2KC 250C 1.7KC	2.9KC 230C 1.5KC	.	.	140C 11C 75C	140C 11C 75C	.	3.2KC 250C 1.7KC	.	6.9KC 550C 3.7KC	05:10
05:15	15KC 1.2KC 9.4KC	3.5KC 280C 1.9KC	3.2KC 260C 1.7KC	.	.	160C 12C 85C	160C 12C 85C	.	3.5KC 280C 1.9KC	.	7.6KC 600C 4.2KC	05:15
05:20	16KC 1.3KC 10KC	3.9KC 310C 2.1KC	3.6KC 280C 2.0KC	.	.	178C 14C 96C	178C 14C 96C	.	3.9KC 310C 2.1KC	.	8.3KC 660C 4.7KC	05:20
05:25	17KC 1.4KC 10KC	4.3KC 340C 2.4KC	3.9KC 310C 2.2KC	.	.	190C 15C 100C	190C 15C 100C	.	4.3KC 340C 2.4KC	.	9.0KC 720C 5.2KC	05:25
05:30	18KC 1.4KC 11KC	4.6KC 370C 2.6KC	4.3KC 340C 2.4KC	.	.	210C 17C 120C	210C 17C 120C	.	4.6KC 370C 2.6KC	.	9.7KC 780C 5.7KC	05:30
05:35	19KC 1.5KC 12KC	5.0KC 400C 2.9KC	4.6KC 370C 2.7KC	.	.	230C 18C 130C	230C 18C 130C	.	5.0KC 400C 2.9KC	1.0C	10KC 830C 6.2KC	05:35
05:40	20KC 1.6KC 13KC	5.4KC 440C 3.2KC	5.0KC 400C 2.9KC	.	1.1C	250C 20C 140C	250C 20C 140C	.	5.4KC 440C 3.2KC	1.1C	11KC 890C 6.7KC	05:40
05:45	20KC 1.7KC 14KC	5.8KC 470C 3.5KC	5.4KC 430C 3.2KC	.	1.2C	270C 22C 160C	270C 22C 160C	.	5.8KC 470C 3.5KC	1.2C	11KC 960C 7.3KC	05:45
05:50	21KC 1.7KC 14KC	6.2KC 510C 3.8KC	5.8KC 470C 3.5KC	.	1.3C	290C 24C 170C	290C 24C 170C	.	6.2KC 510C 3.8KC	1.3C	12KC 1.0KC 7.8KC	05:50
05:55	22KC 1.8KC 15KC	6.6KC 540C 4.1KC	6.1KC 500C 3.8KC	.	1.4C	310C 25C 190C	310C 25C 190C	.	6.6KC 540C 4.1KC	1.4C	13KC 1.0KC 8.4KC	05:55
06:00	23KC 1.9KC 16KC	7.1KC 580C 4.4KC	6.5KC 530C 4.1KC	.	1.4C	340C 27C 200C	340C 27C 200C	.	7.0KC 580C 4.4KC	1.4C	13KC 1.1KC 9.0KC	06:00

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	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Point 7	Point 8	Point 9	Point 10	Point 11	Point 12	Point 13	Point 14	Point 15	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
00:00	100:00
00:05	100:05
00:10	100:10
00:15	100:15
00:20	100:20
00:25	100:25
00:30	100:30
00:35	100:35
00:40	100:40
00:45	100:45
00:50	100:50
00:55	100:55
01:00	101:00
01:05	101:05
01:10	101:10
01:15	101:15
01:20	101:20
01:25	101:25
01:30	101:30
01:35	101:35
01:40	101:40
01:45	101:45
01:50	101:50
01:55	101:55
02:00	102:00
02:05	102:05
02:10	102:10
02:15	102:15

	Point 16	Point 17	Point 18	Point 19	Point 20	Point 21	Point 22	Point 23	Point 24	Point 25	Point 26	Point 27	Point 28	Point 29	Point 30	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
00:00	100:00
00:05	100:05
00:10	100:10
00:15	100:15
00:20	100:20
00:25	100:25
00:30	100:30
00:35	100:35
00:40	100:40
00:45	100:45
00:50	100:50
00:55	100:55
01:00	101:00
01:05	101:05
01:10	101:10
01:15	101:15
01:20	101:20
01:25	101:25
01:30	101:30
01:35	101:35
01:40	101:40
01:45	101:45
01:50	101:50
01:55	101:55
02:00	102:00
02:05	102:05
02:10	102:10
02:15	102:15

06-01-2016 19:03:27 SQN 9-14-2016 AB 714 Air / Rmns - Page 1

=== Rad Monitor ALARMS ===

* = HI Alarm

= HI/Hi Alarm

@ = HI/Hi or Only Alarm

=== CONTAMINATION Units ===

C = cpm

KC = 1000's of cpm

assumes 10% efficiency

=== DOSE RATE Units ===

mR = mrem/hr

R = Rem/hr

KR = 1000's of Rem/hr

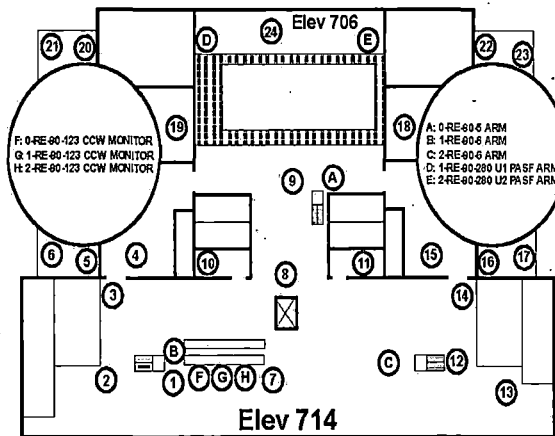
=== Air Sample Data ===

Air Samples based on

100000 cc

air sample

	IRM-005	IRM-006	2RM-006	IRM-106A	IRM-106B	IRM-112A	IRM-112B	IRM-280	2RM-280		
	1	1	1	10	10	10	10	1	1		
	10000	10000	10000	1E+07	1E+07	1E+07	1E+07	10000	10000		
	m/hr	m/hr	m/hr	cpm	cpm	cpm	cpm	mR/hr	mR/hr		
00:00	1.1E-01	1.1E-01	1.1E-01	1.1E+02	8.0E+03	1.1E+02	6.5E+01	1.1E-01	1.3E-01		00:00
00:05	1.1E-01	1.1E-01	1.1E-01	1.2E+02	2.0E+06	1.1E+02	7.3E+01	1.1E-01	1.3E-01		00:05
00:10	1.1E-01	1.1E-01	1.1E-01	2.5E+02	1.0E+07	1.1E+02	3.2E+02	1.1E-01	1.3E-01		00:10
00:15	1.1E-01	1.1E-01	1.1E-01	3.6E+02	1.0E+07	1.1E+02	6.5E+02	1.1E-01	1.3E-01		00:15
00:20	1.1E-01	1.1E-01	1.1E-01	4.8E+02	1.0E+07	1.1E+02	1.1E+03	1.1E-01	1.3E-01		00:20
00:25	1.1E-01	1.1E-01	1.1E-01	3.5E+02	1.0E+07	1.1E+02	2.5E+03	1.1E-01	1.3E-01		00:25
00:30	1.1E-01	1.1E-01	1.1E-01	1.9E+03	1.0E+07	1.1E+02	3.6E+04	1.1E-01	1.3E-01		00:30
00:35	1.1E-01	1.1E-01	1.1E-01	2.7E+03	1.0E+07	1.1E+02	6.7E+04	1.1E-01	1.3E-01		00:35
00:40	1.1E-01	1.1E-01	1.1E-01	3.4E+03	1.0E+07	1.1E+02	1.0E+05	1.1E-01	1.3E-01		00:40
00:45	1.1E-01	1.1E-01	1.1E-01	4.0E+03	1.0E+07	1.1E+02	1.5E+05	1.1E-01	1.3E-01		00:45
00:50	1.1E-01	1.1E-01	1.1E-01	4.6E+03	1.0E+07	1.1E+02	1.9E+05	1.1E-01	1.3E-01		00:50
00:55	1.1E-01	1.1E-01	1.1E-01	5.1E+03	1.0E+07	1.1E+02	2.5E+05	1.1E-01	1.3E-01		00:55
01:00	1.1E-01	1.1E-01	1.1E-01	5.6E+03	1.0E+07	1.1E+02	3.0E+05	1.1E-01	1.3E-01		01:00
01:05	1.1E-01	1.1E-01	1.1E-01	5.9E+03	1.0E+07	1.1E+02	3.5E+05	1.1E-01	1.3E-01		01:05
01:10	1.1E-01	1.1E-01	1.1E-01	6.2E+03	1.0E+07	1.1E+02	4.1E+05	1.1E-01	1.3E-01		01:10
01:15	1.1E-01	1.1E-01	1.1E-01	6.5E+03	1.0E+07	1.1E+02	4.7E+05	1.1E-01	1.3E-01		01:15
01:20	1.1E-01	1.1E-01	1.1E-01	6.7E+03	1.0E+07	1.1E+02	5.3E+05	1.1E-01	1.3E-01		01:20
01:25	1.1E-01	1.1E-01	1.1E-01	6.8E+03	1.0E+07	1.1E+02	6.4E+05	1.1E-01	1.3E-01		01:25
01:30	1.1E-01	1.1E-01	1.1E-01	6.8E+03	1.0E+07	1.1E+02	7.9E+05	1.1E-01	1.3E-01		01:30
01:35	1.1E-01	1.1E-01	1.1E-01	5.8E+03	1.0E+07	1.1E+02	1.1E+06	1.1E-01	1.3E-01		01:35
01:40	1.1E-01	1.1E-01	1.1E-01	4.2E+03	1.0E+07	1.1E+02	6.2E+06	1.1E-01	1.3E-01		01:40
01:45	1.1E-01	1.1E-01	1.1E-01	2.9E+03	1.0E+07	1.1E+02	1.0E+07	1.1E-01	1.3E-01		01:45
01:50	1.1E-01	1.1E-01	1.1E-01	2.6E+03	1.0E+07	1.1E+02	1.0E+07	1.1E-01	1.3E-01		01:50
01:55	1.1E-01	1.1E-01	1.1E-01	2.4E+03	1.0E+07	1.1E+02	1.0E+07	1.1E-01	1.3E-01		01:55
02:00	1.1E-01	1.1E-01	1.1E-01	2.3E+03	1.0E+07	1.1E+02	1.0E+07	1.1E-01	1.3E-01		02:00
02:05	1.1E-01	1.1E-01	1.1E-01	2.2E+03	1.0E+07	1.1E+02	1.0E+07	1.1E-01	1.3E-01		02:05
02:10	1.1E-01	1.1E-01	1.1E-01	2.1E+03	1.0E+07	1.1E+02	1.0E+07	1.1E-01	1.3E-01		02:10
02:15	1.1E-01	1.1E-01	1.1E-01	2.1E+03	1.0E+07	1.1E+02	1.0E+07	1.1E-01	1.3E-01		02:15



	U0 ELEV 714 MAIN HEPA I131 Surf	U1 ELEV 714 PENE HEPA I131 Surf	U2 ELEV 714 PENE HEPA I131 Surf	U1 CVCS LETDM RX RM HEPA I131 Surf	U2 CVCS LETDM RX RM HEPA I131 Surf	U0 HOT INSTRU SHOP HEPA I131 Surf	U1 STEAMVAULT EAST HEPA I131 Surf	U1 STEAMVAULT WEST HEPA I131 Surf	U2 STEAMVAULT WEST HEPA I131 Surf	U1 VENT EQPT ROOM HEPA I131 Surf	U2 VENT EQPT ROOM HEPA I131 Surf	
00:00												00:00
00:05												00:05
00:10												00:10
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01:55												01:55
02:00												02:00
02:05												02:05
02:10												02:10
02:15												02:15

06-01-2016 19:03:27 SQW 9-14-2016 AB 714 Dose Points - Page 2																																		
	Point 1		Point 2		Point 3		Point 4		Point 5		Point 6		Point 7		Point 8		Point 9		Point 10		Point 11		Point 12		Point 13		Point 14		Point 15					
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open		
02:20	99mR	99mR	07mR	07mR	102:20	
02:25	99mR	99mR	08mR	08mR	102:25	
02:30	99mR	99mR	10mR	10mR	102:30	
02:35	99mR	99mR	11mR	11mR	102:35	
02:40	99mR	99mR	12mR	12mR	102:40	
02:45	99mR	99mR	14mR	14mR	102:45	
02:50	99mR	99mR	20mR	20mR	102:50	
02:55	99mR	99mR	640mR	640mR	102:55	
03:00	99mR	99mR	2.1R	2.1R	103:00	
03:05	99mR	99mR	01mR	01mR	01mR	01mR	.	02mR	02mR	4.6R	4.6R	103:05
03:10	.	01mR	01mR	99mR	99mR	03mR	03mR	02mR	03mR	03mR	05mR	05mR	8.4R	8.4R	103:10
03:15	01mR	04mR	.	01mR	.	01mR	.	.	.	.	.	.	01mR	03mR	.	01mR	03mR	99mR	99mR	.	.	.	.	05mR	08mR	04mR	06mR	15mR	16mR	13R	13R	103:15
03:20	02mR	09mR	01mR	02mR	03mR	01mR	03mR	02mR	08mR	01mR	05mR	02mR	06mR	99mR	99mR	09mR	14mR	07mR	11mR	22mR	26mR	19R	19R	103:20	
03:25	05mR	17mR	02mR	04mR	02mR	06mR	05mR	15mR	02mR	09mR	04mR	12mR	99mR	99mR	13mR	22mR	10mR	18mR	32mR	39mR	26R	26R	103:25	
03:30	09mR	28mR	02mR	10mR	03mR	09mR	06mR	25mR	05mR	15mR	06mR	20mR	99mR	99mR	19mR	33mR	15mR	27mR	42mR	54mR	34R	34R	103:30	
03:35	14mR	41mR	04mR	14mR	04mR	14mR	.	01mR	12mR	37mR	07mR	23mR	09mR	29mR	99mR	99mR	25mR	46mR	20mR	37mR	55mR	72mR	43R	43R	103:35	
03:40	19mR	57mR	06mR	20mR	06mR	19mR	.	01mR	17mR	50mR	10mR	31mR	13mR	40mR	99mR	99mR	33mR	61mR	26mR	49mR	68mR	91mR	52R	52R	103:40	
03:45	24mR	74mR	08mR	26mR	08mR	25mR	.	02mR	22mR	66mR	13mR	41mR	17mR	51mR	99mR	99mR	41mR	78mR	32mR	63mR	83mR	11mR	64R	64R	103:45	
03:50	31mR	92mR	10mR	32mR	10mR	31mR	.	01mR	03mR	.	.	.	27mR	82mR	17mR	51mR	21mR	64mR	99mR	99mR	50mR	96mR	39mR	78mR	10mR	1.3mR	76R	76R	103:50	
03:55	37mR	11mR	12mR	39mR	13mR	38mR	.	01mR	05mR	.	.	.	33mR	99mR	21mR	62mR	26mR	78mR	99mR	99mR	59mR	111mR	47mR	94mR	1.1mR	1.6mR	89R	89R	103:55	
04:00	45mR	13mR	15mR	47mR	15mR	46mR	.	02mR	06mR	.	.	.	40mR	11mR	25mR	74mR	31mR	93mR	99mR	99mR	70mR	13mR	55mR	1.1mR	1.3mR	1.9mR	100R	100R	104:00	
04:05	53mR	15mR	18mR	55mR	18mR	54mR	.	03mR	08mR	.	.	.	47mR	14mR	29mR	88mR	37mR	11mR	99mR	99mR	80mR	15mR	62mR	1.2mR	1.5mR	2.1mR	110R	110R	104:05	
04:10	61mR	18mR	21mR	64mR	21mR	62mR	.	03mR	11mR	.	.	.	54mR	16mR	34mR	1.0mR	43mR	12mR	99mR	99mR	91mR	18mR	72mR	1.4mR	1.7mR	2.4mR	120R	120R	104:10	
04:15	69mR	20mR	24mR	72mR	24mR	71mR	.	04mR	13mR	.	.	.	62mR	18mR	39mR	1.1mR	48mR	14mR	99mR	99mR	10mR	2.0mR	81mR	1.6mR	1.9mR	2.7mR	140R	140R	104:15	
04:20	77mR	23mR	27mR	80mR	26mR	79mR	.	05mR	16mR	.	.	.	69mR	20mR	43mR	1.2mR	54mR	16mR	99mR	99mR	11mR	2.2mR	89mR	1.8mR	2.1mR	3.0mR	150R	150R	104:20	
04:25	85mR	25mR	30mR	88mR	29mR	87mR	.	07mR	19mR	.	.	.	76mR	22mR	48mR	1.4mR	60mR	17mR	99mR	99mR	12mR	2.4mR	97mR	2.0mR	2.3mR	3.3mR	160R	160R	104:25	
04:30	92mR	27mR	32mR	96mR	32mR	94mR	.	08mR	23mR	.	.	.	82mR	24mR	52mR	1.5mR	65mR	19mR	99mR	99mR	13mR	2.6mR	10mR	2.2mR	2.4mR	3.5mR	170R	170R	104:30	
04:35	1.0mR	2.9mR	35mR	1.0mR	34mR	1.0mR	.	09mR	27mR	.	.	.	89mR	26mR	56mR	1.6mR	70mR	20mR	99mR	99mR	14mR	2.8mR	11mR	2.3mR	2.6mR	3.8mR	190R	190R	104:35	
	Point 16		Point 17		Point 18		Point 19		Point 20		Point 21		Point 22		Point 23		Point 24		Point 25		Point 26		Point 27		Point 28		Point 29		Point 30					
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open		
02:20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	102:20
02:25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	102:25
02:30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	102:30
02:35	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	102:35
02:40	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	102:40
02:45	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	102:45
02:50	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	102:50
02:55	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	102:55
03:00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	103:00
03:05	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	103:05
03:10	01mR	01mR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	02mR	08mR	.	02mR	08mR	.	.	.	.	.	.	.	.	103:10
03:15	01mR	01mR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	09mR	28mR	09mR	28mR	.	.	.	.	.	.	.	.	.	103:15
03:20	02mR	02mR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20mR	60mR	20mR	60mR	.	.	.	.	.	.	.	.	.	103:20
03:25	03mR	03mR	.	01mR	01mR	.	.	.	.	.	.	.	.	.	.	.	.	.	34mR	10mR	34mR	10mR	.	.	.	.	.	.	.	.	.	103:25
03:30	04mR	04mR	01mR	01mR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	52mR	3.5mR	52mR	3.5mR	.	.	.	.	.	.	.	.	.	103:30
03:35	05mR	05mR	01mR	01mR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	02mR	71mR	2.1mR	71mR	2.1mR	.	.	.	.	.	.	.	.	103:35
03:40	06mR	06mR	02mR	02mR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	01mR	03mR	92mR	2.7mR	92mR	2.7mR	.	.	.	.	.	.	.	103:40
03:45	07mR	07mR	02mR	02mR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	01mR	05mR	1.1mR	3.3mR	1.1mR	3.3mR	.	.	.	.	.	.	.	103:45
03:50	09mR	09mR	03mR	03mR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	02mR	07mR	1.3mR	3.9mR	1.3mR	3.9mR	.	.	.	.	.	.	.	103:50
03:55	10mR	10mR	03mR	03mR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	03mR	10mR	1.5mR	4.4mR	1.5mR	4.4mR	.	.	.	.	.	.	.	103:55
04:00	12mR	12mR	04mR	04mR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	04mR	13mR	1.7mR	5.1mR	1.7mR	5.1mR	.	.	.	.	.	.	.	104:00
04:05	14mR	14mR	05mR	05mR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	05mR	16mR	1.9mR	5.7mR	1.9mR	5.7mR	.	.	.	.	.	.	.	104:05
04:10	15mR	15mR	05mR	05mR	01mR	02mR	.	.	.	.	.	.	.	.	.	.	.	.	07mR	20mR	2.1mR	6.3mR	2.1mR	6.3mR	.	.	.	.	.	.	.	104:10
04:15	17mR	17mR	06mR	06mR	01mR	03mR	.	.	.	.	.	.	.	.	.	.	.	.	08mR	25mR	2.2mR	6.7mR	2.2mR	6.7mR	.	.	.	.	.	.	.	104:15
04:20	18mR	18mR	06mR	06mR	01mR	04mR	.	.	.	.	.	.	.	.	.	.	.	.	10mR	30mR	2.4mR	7.1mR	2.4mR	7.1mR	.	.	.	.	.	.	.	104:20
04:25	20mR	20mR	07mR	07mR	01mR	05mR	.	.	.	.	.	.	.	.	.	.	.	.	11mR	35mR	2.5mR	7.3mR	2.5mR	7.3mR	.	.	.	.	.	.	.	104:25
04:30	21mR	22mR	08mR	08mR	02mR	06mR	13mR	40mR	2.5mR	7.5mR	2.5mR	7.5mR	104:30		
04:35	23mR	23mR	08mR	08mR	02mR	07mR																												

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=== Rad Monitor ALARMS ===

* = HI Alarm

= MHI Alarm

@ = MHIHI or Only Alarm

=== CONTAMINATION Units ===

C = cpm

KC = 1000's of cpm

assumes 10% efficiency

=== DOSE RATE Units ===

MR = mrem/hr

R = Rem/hr

RR = 1000's of Rem/hr

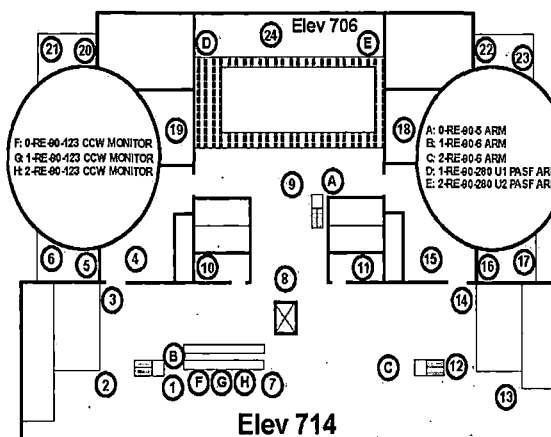
=== Air Sample Data ===

Air Samples based on

1000000 cc

air sample

	ORM-005	IRM-006	2RM-006	1RM-106A	1RM-106B	1RM-112A	1RM-112B	1RM-280		
	1	1	1	1	1	1	1	1		
	10000	10000	10000	1E+07	1E+07	1E+07	1E+07	10000	10000	
	nr/hr	nr/hr	nr/hr	cpm	cpm	cpm	cpm	nr/hr	nr/hr	
02:20	1.1E-01	1.1E-01	1.1E-01	2.0E+03	1.0E+07	4.6E+02	1.0E+07	1.1E-01	1.3E-01	02:20
02:25	1.1E-01	1.1E-01	1.1E-01	2.0E+03	1.0E+07	4.6E+02	1.0E+07	1.1E-01	1.3E-01	02:25
02:30	1.1E-01	1.1E-01	1.1E-01	2.0E+03	1.0E+07	4.6E+02	1.0E+07	1.1E-01	1.3E-01	02:30
02:35	1.1E-01	1.1E-01	1.1E-01	1.9E+03	1.0E+07	4.6E+02	1.0E+07	1.1E-01	1.3E-01	02:35
02:40	1.1E-01	1.1E-01	1.1E-01	1.0E+07	1.0E+07	5.1E+03	1.0E+07	1.1E-01	1.3E-01	02:40
02:45	1.1E-01	1.1E-01	1.1E-01	1.0E+07	1.0E+07	6.2E+05	1.0E+07	1.1E-01	1.3E-01	02:45
02:50	1.1E-01	1.1E-01	1.1E-01	1.0E+07	1.0E+07	1.5E+06	1.0E+07	1.1E-01	1.3E-01	02:50
02:55	1.1E-01	1.1E-01	1.1E-01	1.0E+07	1.0E+07	2.6E+06	1.0E+07	1.1E-01	1.3E-01	02:55
03:00	1.1E-01	1.1E-01	1.1E-01	1.0E+07	1.0E+07	3.8E+06	1.0E+07	1.1E-01	1.3E-01	03:00
03:05	1.1E-01	1.1E-01	1.1E-01	1.0E+07	1.0E+07	5.1E+06	1.0E+07	1.1E-01	1.3E-01	03:05
03:10	1.1E-01	1.1E-01	1.1E-01	1.0E+07	1.0E+07	6.2E+06	1.0E+07	1.1E-01	1.3E-01	03:10
03:15	1.2E-01	1.2E-01	1.2E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.1E-01	1.3E-01	03:15
03:20	1.2E-01	1.2E-01	1.2E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.1E-01	1.3E-01	03:20
03:25	1.3E-01	1.4E-01	1.4E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.1E-01	1.3E-01	03:25
03:30	1.4E-01	1.5E-01	1.5E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.1E-01	1.3E-01	03:30
03:35	1.6E-01	1.7E-01	1.7E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.1E-01	1.3E-01	03:35
03:40	1.8E-01	1.9E-01	2.0E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.1E-01	1.3E-01	03:40
03:45	2.0E-01	2.2E-01	2.2E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.1E-01	1.3E-01	03:45
03:50	2.2E-01	2.5E-01	2.5E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.2E-01	1.4E-01	03:50
03:55	2.5E-01	2.8E-01	2.8E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.2E-01	1.4E-01	03:55
04:00	2.7E-01	3.1E-01	3.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.2E-01	1.4E-01	04:00
04:05	3.0E-01	3.4E-01	3.5E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.2E-01	1.5E-01	04:05
04:10	3.3E-01	3.8E-01	3.9E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.3E-01	1.5E-01	04:10
04:15	3.6E-01	4.2E-01	4.2E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.3E-01	1.5E-01	04:15
04:20	3.9E-01	4.5E-01	4.6E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.3E-01	1.5E-01	04:20
04:25	4.2E-01	4.9E-01	5.0E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.4E-01	1.6E-01	04:25
04:30	4.5E-01	5.2E-01	5.3E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.4E-01	1.7E-01	04:30
04:35	4.7E-01	5.5E-01	5.6E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.4E-01	1.7E-01	04:35



	U0 ELEV 714 MAIN	U1 ELEV 714 PENE	U2 ELEV 714 PENS	U1 CVCS LETDN HK RM	U2 CVCS LETDN HK RM	U0 HOT INSTRU SHOP	U1 STEAMVAULT EAST	U1 STEAMVAULT WEST	U2 STEAMVAULT WEST	U1 VENT EQPT ROOM	U2 VENT EQPT ROOM	
	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	
02:20	.	.	.	.	.	.	.	.	.	.	.	02:20
02:25	.	.	.	.	.	.	.	.	.	.	.	02:25
02:30	.	.	.	.	.	.	.	.	.	.	.	02:30
02:35	.	.	.	.	.	.	.	.	.	.	.	02:35
02:40	.	.	.	.	.	.	.	.	.	.	.	02:40
02:45	.	.	.	.	.	.	.	.	.	.	.	02:45
02:50	.	.	.	.	.	.	.	.	.	.	.	02:50
02:55	.	.	.	.	.	.	.	.	.	.	.	02:55
03:00	.	.	.	.	.	.	.	.	.	.	.	03:00
03:05	2.5C	.	.	.	.	.	.	.	.	.	.	03:05
03:10	57C 5.6C 8.7C	.	.	.	.	.	.	.	.	.	.	03:10
03:15	219C 20C 38C	1.9C	.	1.8C	.	.	.	.	.	.	.	03:15
03:20	500C 46C 100C	8.3C	1.4C	8.3C	1.4C	1.8C	.	.	1.0C	.	.	03:20
03:25	950C 87C 220C	23C 2.0C 4.6C	23C 2.0C 4.6C	5.4C	1.0C	5.4C	1.0C	21C 1.8C 4.3C	1.9C	.	.	03:25
03:30	1.5KC 140C 420C	52C 4.4C 11C	52C 4.4C 11C	12C 1.0C 2.6C	12C 1.0C 2.6C	12C 1.0C 2.6C	.	48C 4.1C 10C	3.2C	.	.	03:30
03:35	2.3KC 210C 700C	100C 8.3C 24C	100C 8.3C 24C	23C 1.9C 5.6C	23C 1.9C 5.6C	93C 7.7C 22C	.	4.9C	.	.	.	03:35
03:40	3.3KC 290C 1.0KC	170C 14C 45C	170C 14C 45C	39C 3.2C 10C	39C 3.2C 10C	150C 13C 42C	.	7.0C	1.6C	.	.	03:40
03:45	4.5KC 390C 1.5KC	270C 22C 77C	270C 22C 77C	63C 5.1C 17C	63C 5.1C 17C	250C 20C 71C	.	9.4C	2.4C	.	.	03:45
03:50	5.7KC 490C 2.1KC	400C 32C 120C	400C 32C 120C	94C 7.5C 28C	94C 7.5C 28C	370C 30C 110C	.	12C 1.0C 3.5C	.	.	.	03:50
03:55	7.1KC 610C 2.8KC	560C 45C 180C	560C 45C 180C	130C 10C 43C	130C 10C 43C	520C 42C 170C	.	15C 1.2C 4.8C	.	.	.	03:55
04:00	8.6KC 730C 3.5KC	760C 61C 260C	760C 61C 260C	180C 14C 62C	180C 14C 62C	716C 56C 240C	.	18C 1.5C 6.4C	.	.	.	04:00
04:05	10KC 870C 4.4KC	1.0KC 80C 360C	1.0KC 80C 360C	230C 18C 86C	230C 18C 86C	930C 74C 340C	.	22C 1.8C 8.2C	.	.	.	04:05
04:10	12KC 1.0KC 5.4KC	1.2KC 100C 490C	1.2KC 100C 490C	300C 24C 110C	300C 24C 110C	1.1KC 94C 450C	.	26C 2.2C 10C	.	.	.	04:10
04:15	13KC 1.1KC 6.5KC	1.6KC 120C 640C	1.6KC 120C 640C	380C 30C 150C	380C 30C 150C	1.4KC 110C 590C	.	30C 2.5C 12C	.	.	.	04:15
04:20	15KC 1.3KC 7.7KC	1.9KC 150C 820C	1.9KC 150C 820C	470C 37C 190C	470C 37C 190C	1.8KC 140C 760C	.	34C 2.9C 15C	.	.	.	04:20
04:25	17KC 1.4KC 8.9KC	2.3KC 180C 1.0KC	2.3KC 180C 1.0KC	570C 45C 240C	570C 45C 240C	2.2KC 170C 950C	.	39C 3.2C 17C	.	.	.	04:25
04:30	19KC 1.6KC 10KC	2.8KC 220C 1.2KC	2.8KC 220C 1.2KC	680C 54C 300C	680C 54C 300C	2.6KC 200C 1.1KC	.	43C 3.5C 20C	.	.	.	04:30
04:35	21KC 1.7KC 11KC	3.2KC 250C 1.5KC	3.2KC 250C 1.5KC	800C 63C 360C	800C 63C 360C	3.0KC 240C 1.4KC	.	47C 3.9C 23C	.	.	.	04:35

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	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Point 7	Point 8	Point 9	Point 10	Point 11	Point 12	Point 13	Point 14	Point 15	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
04:40	1.0mR	3.1mR	.37mR	1.1mR	.36mR	1.0mR	.10mR	.30mR	.95mR	2.8mR	.60mR	1.7mR	.75mR	2.2mR	.99mR	2.9mR
04:45	1.1mR	3.3mR	.39mR	1.1mR	.39mR	1.1mR	.12mR	.34mR	.1.0mR	2.9mR	.63mR	1.8mR	.79mR	2.3mR	.99mR	2.9mR
04:50	1.1mR	3.5mR	.41mR	1.2mR	.41mR	1.2mR	.13mR	.39mR	.1.0mR	3.1mR	.67mR	1.9mR	.83mR	2.4mR	.99mR	2.9mR
04:55	1.2mR	3.6mR	.43mR	1.2mR	.43mR	1.2mR	.15mR	.43mR	.1.1mR	3.2mR	.70mR	2.0mR	.87mR	2.5mR	.99mR	2.9mR
05:00	1.3mR	3.8mR	.45mR	1.3mR	.45mR	1.3mR	.16mR	.47mR	.1.1mR	3.4mR	.73mR	2.1mR	.91mR	2.6mR	.99mR	2.9mR
05:05	1.3mR	3.9mR	.47mR	1.4mR	.46mR	1.4mR	.18mR	.52mR	.1.2mR	3.5mR	.76mR	2.2mR	.95mR	2.8mR	.99mR	2.9mR
05:10	1.4mR	4.1mR	.49mR	1.4mR	.48mR	1.4mR	.19mR	.56mR	.1.2mR	3.6mR	.78mR	2.3mR	.98mR	2.8mR	.99mR	2.9mR
05:15	1.4mR	4.2mR	.50mR	1.4mR	.50mR	1.4mR	.21mR	.61mR	.1.2mR	3.8mR	.81mR	2.3mR	.1.0mR	2.9mR	.99mR	2.9mR
05:20	1.4mR	4.3mR	.52mR	1.5mR	.51mR	1.5mR	.22mR	.65mR	.1.3mR	3.9mR	.84mR	2.4mR	.1.0mR	3.0mR	.99mR	2.9mR
05:25	1.5mR	4.5mR	.53mR	1.5mR	.53mR	1.5mR	.24mR	.70mR	.1.3mR	4.0mR	.86mR	2.5mR	.1.0mR	3.1mR	.99mR	2.9mR
05:30	1.5mR	4.6mR	.55mR	1.6mR	.54mR	1.5mR	.26mR	.75mR	.1.4mR	4.1mR	.88mR	2.5mR	.1.1mR	3.2mR	.99mR	2.9mR
05:35	1.6mR	4.7mR	.56mR	1.6mR	.55mR	1.6mR	.27mR	.79mR	.1.4mR	4.1mR	.90mR	2.6mR	.1.1mR	3.3mR	.99mR	2.9mR
05:40	1.6mR	4.8mR	.57mR	1.6mR	.56mR	1.6mR	.29mR	.84mR	.1.4mR	4.2mR	.92mR	2.6mR	.1.1mR	3.3mR	.99mR	2.9mR
05:45	1.6mR	4.8mR	.58mR	1.7mR	.57mR	1.6mR	.30mR	.88mR	.1.4mR	4.3mR	.94mR	2.7mR	.1.1mR	3.4mR	.99mR	2.9mR
05:50	1.6mR	4.9mR	.59mR	1.7mR	.58mR	1.7mR	.32mR	.93mR	.1.5mR	4.4mR	.95mR	2.7mR	.1.1mR	3.4mR	.99mR	2.9mR
05:55	1.7mR	5.0mR	.60mR	1.7mR	.59mR	1.7mR	.33mR	.97mR	.1.5mR	4.4mR	.97mR	2.8mR	.1.2mR	3.5mR	.99mR	2.9mR
06:00	1.7mR	5.1mR	.61mR	1.7mR	.60mR	1.7mR	.35mR	1.0mR	.1.5mR	4.5mR	.98mR	2.8mR	.1.2mR	3.5mR	.99mR	2.9mR

	Point 16	Point 17	Point 18	Point 19	Point 20	Point 21	Point 22	Point 23	Point 24	Point 25	Point 26	Point 27	Point 28	Point 29	Point 30	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
04:40	.25mR	.25mR	.09mR	.09mR	.02mR	.08mR	.460mR	.460mR	.17mR	.51mR	.2.6mR	7.6mR	.2.6mR	7.6mR	. . .	104:40
04:45	.26mR	.26mR	.09mR	.09mR	.03mR	.09mR	.530mR	.530mR	.19mR	.56mR	.2.6mR	7.7mR	.2.6mR	7.7mR	. . .	104:45
04:50	.26mR	.26mR	.10mR	.10mR	.03mR	.10mR	.610mR	.610mR	.21mR	.62mR	.2.6mR	7.6mR	.2.6mR	7.6mR	. . .	104:50
04:55	.25mR	.25mR	.10mR	.10mR	.03mR	.11mR	.680mR	.680mR	.23mR	.67mR	.2.6mR	7.6mR	.2.6mR	7.6mR	. . .	104:55
05:00	.31mR	.31mR	.11mR	.11mR	.04mR	.12mR	.760mR	.760mR	.25mR	.73mR	.2.5mR	7.6mR	.2.5mR	7.6mR	. . .	105:00
05:05	.32mR	.32mR	.11mR	.12mR	.04mR	.13mR	.830mR	.840mR	.26mR	.78mR	.2.5mR	7.5mR	.2.5mR	7.5mR	. . .	105:05
05:10	.34mR	.34mR	.12mR	.12mR	.05mR	.14mR	.910mR	.910mR	.28mR	.83mR	.2.5mR	7.4mR	.2.5mR	7.4mR	. . .	105:10
05:15	.35mR	.35mR	.13mR	.13mR	.05mR	.16mR	.990mR	.990mR	.30mR	.88mR	.2.5mR	7.4mR	.2.5mR	7.4mR	. . .	105:15
05:20	.37mR	.37mR	.13mR	.13mR	.06mR	.17mR	1.0R	1.0R	.32mR	.93mR	.2.5mR	7.3mR	.2.5mR	7.3mR	. . .	105:20
05:25	.36mR	.39mR	.14mR	.14mR	.06mR	.18mR	1.1R	1.1R	.33mR	.98mR	.2.4mR	7.2mR	.2.4mR	7.2mR	. . .	105:25
05:30	.40mR	.40mR	.14mR	.14mR	.06mR	.19mR	1.2R	1.2R	.35mR	1.0mR	.2.4mR	7.1mR	.2.4mR	7.1mR	. . .	105:30
05:35	.41mR	.42mR	.15mR	.15mR	.07mR	.21mR	1.3R	1.3R	.36mR	1.0mR	.2.4mR	7.0mR	.2.4mR	7.0mR	. . .	105:35
05:40	.43mR	.43mR	.15mR	.15mR	.07mR	.22mR	1.3R	1.3R	.38mR	1.1mR	.2.3mR	7.0mR	.2.3mR	7.0mR	. . .	105:40
05:45	.44mR	.45mR	.16mR	.16mR	.08mR	.23mR	1.4R	1.4R	.39mR	1.1mR	.2.3mR	6.9mR	.2.3mR	6.9mR	. . .	105:45
05:50	.46mR	.46mR	.16mR	.17mR	.08mR	.24mR	1.5R	1.5R	.40mR	1.1mR	.2.3mR	6.8mR	.2.3mR	6.8mR	. . .	105:50
05:55	.47mR	.48mR	.17mR	.17mR	.09mR	.25mR	1.6R	1.6R	.41mR	1.2mR	.2.3mR	6.7mR	.2.3mR	6.7mR	. . .	105:55
06:00	.49mR	.49mR	.18mR	.18mR	.09mR	.26mR	1.6R	1.6R	.43mR	1.2mR	.2.2mR	6.6mR	.2.2mR	6.6mR	. . .	106:00

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=== Rad Monitor ALARMS ===

* = HI Alarm

= HI/Hi Alarm

@ = HI/Hi or Only Alarm

=== CONTAMINATION Units ===

C = cpm

KC = 1000's of cpm

assumes 10% efficiency

=== DOSE RATE Units ===

mR = mrem/hr

R = Rem/hr

RR = 1000's of Rem/hr

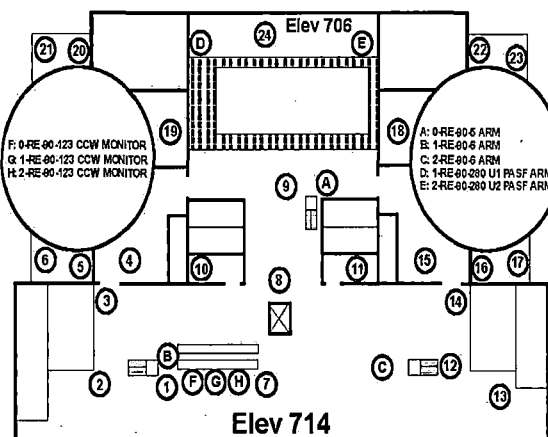
=== Air Sample Data ===

Air Samples based on

1000000 cc

air sample

	0RM-005	1RM-006	2RM-006	1RM-106A	1RM-106B	1RM-112A	1RM-112B	1RM-280	2RM-280		
	.1	.1	.1	10	10	10	10	.1	.1		
	10000	10000	10000	16+07	16+07	16+07	16+07	10000	10000		
	m/hr	m/hr	m/hr	cpm	cpm	cpm	cpm	mR/hr	mR/hr		
04:40	5.0E-01	5.8E-01	5.9E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.5E-01	1.8E-01		04:40
04:45	5.2E-01	6.1E-01	6.2E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.5E-01	1.8E-01		04:45
04:50	5.4E-01	6.4E-01	6.5E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.6E-01	1.9E-01		04:50
04:55	5.6E-01	6.6E-01	6.7E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.6E-01	1.9E-01		04:55
05:00	5.8E-01	6.9E-01	7.0E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.7E-01	2.0E-01		05:00
05:05	6.0E-01	7.1E-01	7.2E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.7E-01	2.0E-01		05:05
05:10	6.2E-01	7.3E-01	7.4E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.7E-01	2.1E-01		05:10
05:15	6.4E-01	7.5E-01	7.6E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.8E-01	2.1E-01		05:15
05:20	6.5E-01	7.7E-01	7.8E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.8E-01	2.2E-01		05:20
05:25	6.7E-01	7.9E-01	8.0E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.9E-01	2.2E-01		05:25
05:30	6.8E-01	8.0E-01	8.2E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.9E-01	2.2E-01		05:30
05:35	6.9E-01	8.2E-01	8.3E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	1.9E-01	2.3E-01		05:35
05:40	7.0E-01	8.3E-01	8.5E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	2.0E-01	2.3E-01		05:40
05:45	7.1E-01	8.5E-01	8.6E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	2.0E-01	2.4E-01		05:45
05:50	7.2E-01	8.6E-01	8.7E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	2.0E-01	2.4E-01		05:50
05:55	7.3E-01	8.7E-01	8.9E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	2.0E-01	2.4E-01		05:55
06:00	7.4E-01	8.8E-01	9.0E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	2.1E-01	2.4E-01		06:00



	U0 ELEV 714 MAIN	U1 ELEV 714 PENE	U2 ELEV 714 PENE	U1 CVCS LETON RX RM	U2 CVCS LETON RX RM	U0 HOT INSTRU SHOP	U1 STEAMVAULT EAST	U1 STEAMVAULT WEST	U2 STEAMVAULT WEST	U1 VENT EQPT ROOM	U2 VENT EQPT ROOM	
	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	
04:40	22KC 1.8KC 12KC	3.7KC 290C 1.8KC	3.7KC 290C 1.8KC	930C 73C 440C	930C 73C 440C	3.5KC 270C 1.6KC	51C 4.2C 26C	51C 4.2C 26C	51C 4.2C 26C	1.0C	1.0C	04:40
04:45	24KC 2.0KC 14KC	4.3KC 340C 2.1KC	4.3KC 340C 2.1KC	1.0KC 84C 520C	1.0KC 84C 520C	4.0KC 310C 1.9KC	55C 4.5C 29C	55C 4.5C 29C	55C 4.5C 29C	1.0C	1.0C	04:45
04:50	25KC 2.1KC 15KC	4.8KC 380C 2.4KC	4.8KC 380C 2.4KC	1.2KC 95C 600C	1.2KC 95C 600C	4.5KC 350C 2.3KC	59C 4.9C 33C	59C 4.9C 33C	59C 4.9C 33C	1.2C	1.2C	04:50
04:55	27KC 2.2KC 16KC	5.4KC 420C 2.8KC	5.4KC 420C 2.8KC	1.3KC 100C 700C	1.3KC 100C 700C	5.0KC 390C 2.6KC	63C 5.2C 36C	63C 5.2C 36C	63C 5.2C 36C	1.3C	1.3C	04:55
05:00	28KC 2.3KC 18KC	5.9KC 470C 3.2KC	5.9KC 470C 3.2KC	1.5KC 110C 790C	1.5KC 110C 790C	5.5KC 440C 3.0KC	67C 5.5C 39C	67C 5.5C 39C	67C 5.5C 39C	1.5C	1.5C	05:00
05:05	29KC 2.4KC 19KC	6.5KC 520C 3.6KC	6.5KC 520C 3.6KC	1.6KC 130C 900C	1.6KC 130C 900C	6.1KC 480C 3.3KC	78C 5.8C 42C	78C 5.8C 42C	78C 5.8C 42C	1.6C	1.6C	05:05
05:10	31KC 2.5KC 20KC	7.1KC 570C 4.0KC	7.1KC 570C 4.0KC	1.8KC 140C 1.0KC	1.8KC 140C 1.0KC	6.7KC 530C 3.7KC	74C 6.1C 45C	74C 6.1C 45C	74C 6.1C 45C	1.8C	1.8C	05:10
05:15	32KC 2.6KC 21KC	7.7KC 610C 4.4KC	7.7KC 610C 4.4KC	1.9KC 150C 1.1KC	1.9KC 150C 1.1KC	7.2KC 570C 4.1KC	77C 6.4C 48C	77C 6.4C 48C	77C 6.4C 48C	1.9C	1.9C	05:15
05:20	33KC 2.7KC 22KC	8.3KC 660C 4.9KC	8.3KC 660C 4.9KC	2.1KC 170C 1.2KC	2.1KC 170C 1.2KC	7.8KC 620C 4.5KC	80C 6.7C 51C	80C 6.7C 51C	80C 6.7C 51C	2.1C	2.1C	05:20
05:25	34KC 2.8KC 23KC	8.9KC 710C 5.3KC	8.9KC 710C 5.3KC	2.3KC 180C 1.3KC	2.3KC 180C 1.3KC	8.3KC 670C 5.0KC	83C 6.9C 54C	83C 6.9C 54C	83C 6.9C 54C	2.2C	2.2C	05:25
05:30	34KC 2.9KC 24KC	9.5KC 760C 5.8KC	9.5KC 760C 5.8KC	2.4KC 190C 1.4KC	2.4KC 190C 1.4KC	8.9KC 710C 5.4KC	86C 7.2C 57C	86C 7.2C 57C	86C 7.2C 57C	2.4C	2.4C	05:30
05:35	35KC 3.0KC 25KC	10KC 810C 6.2KC	10KC 810C 6.2KC	2.6KC 210C 1.6KC	2.6KC 210C 1.6KC	9.4KC 760C 5.8KC	89C 7.5C 60C	89C 7.5C 60C	89C 7.5C 60C	2.6C	2.6C	05:35
05:40	36KC 3.0KC 26KC	10KC 860C 6.7KC	10KC 860C 6.7KC	2.8KC 220C 1.7KC	2.8KC 220C 1.7KC	10KC 810C 6.3KC	92C 7.7C 62C	92C 7.7C 62C	92C 7.7C 62C	2.7C	2.7C	05:40
05:45	37KC 3.1KC 27KC	11KC 910C 7.2KC	11KC 910C 7.2KC	2.9KC 240C 1.8KC	2.9KC 240C 1.8KC	10KC 860C 6.7KC	95C 8.0C 65C	95C 8.0C 65C	95C 8.0C 65C	2.9C	2.9C	05:45
05:50	37KC 3.2KC 28KC	11KC 960C 7.6KC	11KC 960C 7.6KC	3.1KC 250C 2.0KC	3.1KC 250C 2.0KC	11KC 900C 7.2KC	97C 8.2C 68C	97C 8.2C 68C	97C 8.2C 68C	3.0C	3.0C	05:50
05:55	38KC 3.2KC 28KC	12KC 1.0KC 8.1KC	12KC 1.0KC 8.1KC	3.3KC 270C 2.1KC	3.3KC 270C 2.1KC	11KC 950C 7.6KC	99C 8.4C 70C	99C 8.4C 70C	99C 8.4C 70C	3.2C	3.2C	05:55
06:00	38KC 3.3KC 29KC	12KC 1.0KC 8.6KC	12KC 1.0KC 8.6KC	3.4KC 280C 2.2KC	3.4KC 280C 2.2KC	12KC 1.0KC 8.0KC	100C 8.6C 72C	100C 8.6C 72C	100C 8.6C 72C	3.4C	3.4C	06:00

06-01-2016 19:03:27 SQN 9-14-2016 AB_734 Dose Points - Page 1

	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Point 7	Point 8	Point 9	Point 10	Point 11	Point 12	Point 13	Point 14	Point 15	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
00:00	100:00
00:05	100:05
00:10	100:10
00:15	100:15
00:20	100:20
00:25	100:25
00:30	100:30
00:35	100:35
00:40	100:40
00:45	100:45
00:50	100:50
00:55	100:55
01:00	101:00
01:05	101:05
01:10	101:10
01:15	101:15
01:20	101:20
01:25	101:25
01:30	101:30
01:35	101:35
01:40	101:40
01:45	101:45
01:50	101:50
01:55	101:55
02:00	102:00
02:05	102:05
02:10	102:10
02:15	102:15

	Point 16	Point 17	Point 18	Point 19	Point 20	Point 21	Point 22	Point 23	Point 24	Point 25	Point 26	Point 27	Point 28	Point 29	Point 30	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
00:00	100:00
00:05	100:05
00:10	100:10
00:15	100:15
00:20	100:20
00:25	100:25
00:30	100:30
00:35	100:35
00:40	100:40
00:45	100:45
00:50	100:50
00:55	100:55
01:00	101:00
01:05	101:05
01:10	101:10
01:15	101:15
01:20	101:20
01:25	101:25
01:30	101:30
01:35	101:35
01:40	101:40
01:45	.	.	1.6mR	1.8mR	3.6mR	3.6mR	.	.	.	.	.	.	.	.	.	101:45
01:50	.	.	4.9mR	4.9mR	9.8mR	9.8mR	.	.	.	.	.	.	.	.	.	101:50
01:55	.	.	8.8mR	8.8mR	17mR	17mR	.	.	.	.	.	.	.	.	.	101:55
02:00	.	.	13mR	12mR	26mR	26mR	.	.	.	.	.	.	.	.	.	102:00
02:05	.	.	18mR	18mR	36mR	36mR	.	.	.	.	.	.	.	.	.	102:05
02:10	.01mR	.01mR	23mR	23mR	47mR	47mR	.	.	.	.	.	.	.	.	.	102:10
02:15	.01mR	.01mR	29mR	29mR	59mR	59mR	.	.	.	.	.	.	.	.	.	102:15

06-01-2016 19:03:27 SQN 9-14-2016 AR_734 Air / Rmons - Page 1

--- Rad Monitor ALARMS ---

* = HI Alarm

= HI/Hi Alarm

@ = HI/Hi or Only Alarm

--- CONTAMINATION Units ---

C = cpm

KC = 1000's of cpm

assumes 10% efficiency

--- DOSE RATE Units ---

mR = mrem/hr

R = Rem/hr

KR = 1000's of Rem/hr

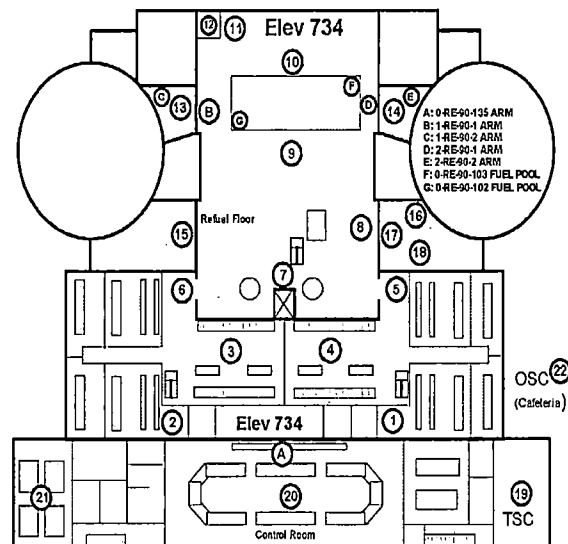
--- Air Sample Data ---

Air Samples based on

1000000 cc

air sample

	IRM-001	2RM-001	ORM-102	ORM-103	ORM-101B	ORM-135	ORM-205	ORM-206	ORM-125	ORM-126	
	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	
	10000	10000	10000	10000	1E+07	10000	1E+07	1E+07	1E+07	1E+07	
	mc/hr	mc/hr	mc/hr	mc/hr	cpm	mc/hr	cpm	cpm	cpm	cpm	
00:00	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	100:00
00:05	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	100:05
00:10	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	100:10
00:15	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	100:15
00:20	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	100:20
00:25	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	100:25
00:30	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	100:30
00:35	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	100:35
00:40	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	100:40
00:45	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	100:45
00:50	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	100:50
00:55	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	100:55
01:00	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	101:00
01:05	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	101:05
01:10	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	101:10
01:15	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	101:15
01:20	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	101:20
01:25	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	101:25
01:30	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	101:30
01:35	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	101:35
01:40	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	101:40
01:45	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	101:45
01:50	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	101:50
01:55	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	101:55
02:00	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	102:00
02:05	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	102:05
02:10	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	102:10
02:15	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	3.6E+01	3.7E+01	3.2E+01	4.6E+01	102:15



	100 ELEV 734 MAIN	101 CHNTNT MATCH 734	102 EGTS ROOM	103 OSMOSIS ROOM	104 CHNTNT MATCH 734	105 ADDL EGYPT	106 ADDL EGYPT	107 CB BOARD ROOM	108 CB BOARD ROOM	109 CB CONTROL ROOM	110 CB INSTRUMENT ROOM	
	HEPA 1131 Surf	HEPA 1131 Surf	HEPA 1131 Surf	HEPA 1131 Surf	HEPA 1131 Surf	HEPA 1131 Surf	HEPA 1131 Surf	HEPA 1131 Surf	HEPA 1131 Surf	HEPA 1131 Surf	HEPA 1131 Surf	
00:00	100:00
00:05	100:05
00:10	100:10
00:15	100:15
00:20	100:20
00:25	100:25
00:30	100:30
00:35	100:35
00:40	100:40
00:45	100:45
00:50	100:50
00:55	100:55
01:00	101:00
01:05	101:05
01:10	101:10
01:15	101:15
01:20	101:20
01:25	101:25
01:30	101:30
01:35	101:35
01:40	101:40
01:45	101:45
01:50	101:50
01:55	101:55
02:00	102:00
02:05	102:05
02:10	102:10
02:15	102:15

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	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Point 7	Point 8	Point 9	Point 10	Point 11	Point 12	Point 13	Point 14	Point 15	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
02:20																02:20
02:25																02:25
02:30																02:30
02:35																02:35
02:40																02:40
02:45																02:45
02:50																02:50
02:55																02:55
03:00																03:00
03:05																03:05
03:10																03:10
03:15																03:15
03:20																03:20
03:25																03:25
03:30																03:30
03:35																03:35
03:40																03:40
03:45																03:45
03:50																03:50
03:55																03:55
04:00																04:00
04:05																04:05
04:10																04:10
04:15																04:15
04:20																04:20
04:25																04:25
04:30																04:30
04:35																04:35

	Point 16	Point 17	Point 18	Point 19	Point 20	Point 21	Point 22	Point 23	Point 24	Point 25	Point 26	Point 27	Point 28	Point 29	Point 30	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
04:40																04:40

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--- Rad Monitor ALARMS ---

* = HI Alarm

! = HHHI Alarm

@ = HHHI or Only Alarm

--- CONTAMINATION Units ---

C = cpm

KC = 1000's of cpm

assumes 10% efficiency

--- DOSE RATE Units ---

mR = mrem/hr

R = Rem/hr

KR = 1000's of Rem/hr

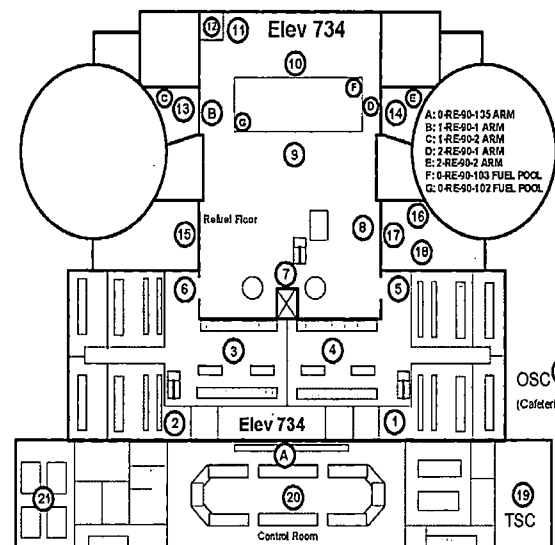
--- Air Sample Data ---

Air Samples based on

1000000 cc

air sample

IRM-001	2RM-001	ORM-102	ORM-103	ORM-101B	ORM-135	ORM-205	ORM-206	ORM-125	ORM-126	
.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	
10000	10000	10000	10000	1E+07	10000	1E+07	1E+07	1E+07	1E+07	
mt/hr	mt/hr	mt/hr	mt/hr	cpm	mt/hr	cpm	cpm	cpm	cpm	
02:20	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	7.7E+03	7.7E+03	7.7E+03	102:20
02:25	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	8.8E+03	8.8E+03	8.8E+03	102:25
02:30	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	9.8E+03	9.8E+03	9.8E+03	102:30
02:35	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	1.1E+04	1.1E+04	1.1E+04	102:35
02:40	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	4.4E+03	4.4E+03	4.4E+03	102:40
02:45	1.1E-01	1.1E-01	1.4E-01	3.1E-01	3.9E+01	1.1E-01	1.7E+04	1.7E+04	1.7E+04	102:45
02:50	1.3E-01	1.3E-01	1.6E-01	3.1E-01	3.9E+01	1.1E-01	1.7E+04	1.7E+04	1.7E+04	102:50
02:55	1.6E-01	1.6E-01	2.0E-01	3.1E-01	3.9E+01	1.1E-01	1.7E+04	1.7E+04	1.7E+04	102:55
03:00	2.2E-01	2.2E-01	2.9E-01	3.1E-01	3.9E+01	1.1E-01	1.6E+04	1.6E+04	1.6E+04	103:00
03:05	3.0E-01	3.0E-01	4.0E-01	3.1E-01	3.9E+01	1.1E-01	5.4E+06	5.4E+06	5.4E+06	103:05
03:10	4.0E-01	4.0E-01	5.2E-01	3.1E-01	3.9E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	103:10
03:15	5.0E-01	5.0E-01	6.5E-01	3.2E-01	3.9E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	103:15
03:20	6.1E-01	6.1E-01	7.8E-01	3.3E-01	3.9E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	103:20
03:25	7.2E-01	7.2E-01	9.1E-01	3.4E-01	3.9E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	103:25
03:30	8.2E-01	8.2E-01	1.0E+00	3.6E-01	3.9E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	103:30
03:35	9.3E-01	9.3E-01	1.1E+00	3.9E-01	3.9E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	103:35
03:40	1.1E+00	1.1E+00	1.3E+00	4.1E-01	3.9E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	103:40
03:45	1.2E+00	1.2E+00	1.4E+00	4.4E-01	3.9E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	103:45
03:50	1.3E+00	1.3E+00	1.5E+00	4.8E-01	3.9E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	103:50
03:55	1.4E+00	1.4E+00	1.6E+00	5.1E-01	3.9E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	103:55
04:00	1.5E+00	1.5E+00	1.7E+00	5.5E-01	3.9E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	104:00
04:05	1.6E+00	1.6E+00	1.7E+00	5.9E-01	3.9E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	104:05
04:10	1.7E+00	1.7E+00	1.8E+00	6.4E-01	3.9E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	104:10
04:15	1.7E+00	1.8E+00	1.8E+00	6.8E-01	3.9E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	104:15
04:20	1.8E+00	1.8E+00	1.8E+00	7.2E-01	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	104:20
04:25	1.8E+00	1.9E+00	1.8E+00	7.6E-01	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	104:25
04:30	1.9E+00	1.9E+00	1.9E+00	7.9E-01	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	104:30
04:35	1.9E+00	2.0E+00	1.9E+00	8.3E-01	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	104:35



IUO ELEV 734 MAIN	IU1 CHNTNT HATCH 734	IU2 EGTS ROOM	IU1 OSMOSIS ROOM	IU2 CHNTNT HATCH 734	IU1 ADDL EQPT	IU2 ADDL EQPT	IU1 CB BOARD ROOM	IU2 CB BOARD ROOM	IUO CB CONTROL ROOM	IU1 CB INSTRUMENT ROOM	
HEPA I131 Surt	HEPA I131 Surt	HEPA I131 Surt	HEPA I131 Surt	HEPA I131 Surt	HEPA I131 Surt	HEPA I131 Surt	HEPA I131 Surt	HEPA I131 Surt	HEPA I131 Surt	HEPA I131 Surt	
02:20											102:20
02:25											102:25
02:30											102:30
02:35											102:35
02:40											102:40
02:45											102:45
02:50											102:50
02:55											102:55
03:00											103:00
03:05	3.1C			1.4C			24C 2.4C 3.6C	24C 2.4C 3.6C	3.1C	3.1C	103:05
03:10	70C 6.8C 10C		7.0C	1.0C	33C 3.2C 5.1C		540C 53C 83C	540C 53C 83C	70C 6.8C 10C	70C 6.8C 10C	103:10
03:15	250C 21C 46C	1.3C	1.60C 14C 24C	140C 13C 26C	1.3C		1.8KC 180C 340C	1.8KC 180C 340C	250C 21C 47C	250C 21C 47C	103:15
03:20	600C 56C 120C	6.2C	1.0C	660C 58C 110C	400C 37C 81C	6.2C	1.0C	4.1KC 390C 900C	610C 57C 120C	610C 57C 120C	103:20
03:25	1.1KC 100C 270C	17C 1.5C 3.5C	1.7KC 140C 350C	870C 77C 190C	17C 1.5C 3.5C		7.4KC 680C 1.8KC	7.4KC 680C 1.8KC	1.1KC 100C 270C	1.1KC 100C 270C	103:25
03:30	1.9KC 170C 500C	39C 3.3C 8.7C	3.4KC 290C 790C	1.5KC 130C 390C	39C 3.3C 8.7C		11KC 1.0KC 3.1KC	11KC 1.0KC 3.1KC	1.9KC 170C 500C	1.9KC 170C 500C	103:30
03:35	2.8KC 250C 830C	75C 6.2C 18C	5.9KC 500C 1.5KC	2.5KC 220C 700C	75C 6.2C 18C		16KC 1.4KC 5.0KC	16KC 1.4KC 5.0KC	2.8KC 250C 840C	2.8KC 250C 840C	103:35
03:40	4.0KC 350C 1.2KC	120C 10C 34C	9.2KC 760C 2.6KC	3.9KC 330C 1.1KC	120C 10C 34C		21KC 1.9KC 7.2KC	21KC 1.9KC 7.2KC	4.0KC 350C 1.2KC	4.0KC 350C 1.2KC	103:40
03:45	5.3KC 460C 1.8KC	200C 16C 57C	13KC 1.0KC 4.0KC	5.5KC 460C 1.7KC	200C 16C 57C		26KC 2.3KC 9.8KC	26KC 2.3KC 9.8KC	5.3KC 460C 1.8KC	5.3KC 460C 1.8KC	103:45
03:50	6.8KC 580C 2.5KC	300C 24C 92C	17KC 1.4KC 5.8KC	7.3KC 610C 2.5KC	300C 24C 92C		31KC 2.7KC 12KC	31KC 2.7KC 12KC	6.7KC 580C 2.5KC	6.7KC 580C 2.5KC	103:50
03:55	8.4KC 710C 3.3KC	420C 33C 130C	22KC 1.8KC 8.2KC	9.5KC 790C 3.5KC	420C 33C 130C		36KC 3.2KC 15KC	36KC 3.2KC 15KC	8.3KC 710C 3.3KC	8.3KC 710C 3.3KC	103:55
04:00	10KC 860C 4.2KC	570C 45C 190C	27KC 2.2KC 10KC	11KC 980C 4.6KC	570C 45C 190C		41KC 3.6KC 18KC	41KC 3.6KC 18KC	10KC 860C 4.2KC	10KC 860C 4.2KC	104:00
04:05	12KC 1.0KC 5.2KC	750C 59C 270C	32KC 2.6KC 13KC	14KC 1.1KC 5.9KC	750C 59C 270C		46KC 4.1KC 22KC	46KC 4.1KC 22KC	12KC 1.0KC 5.2KC	12KC 1.0KC 5.2KC	104:05
04:10	14KC 1.2KC 6.4KC	960C 76C 360C	38KC 3.1KC 16KC	17KC 1.4KC 7.4KC	960C 76C 360C		5.1mR 4.5KC 26KC	5.1mR 4.5KC 26KC	14KC 1.1KC 6.3KC	14KC 1.1KC 6.3KC	104:10
04:15	16KC 1.3KC 7.7KC	1.2KC 95C 480C	43KC 3.5KC 20KC	20KC 1.6KC 9.1KC	1.2KC 95C 480C		5.5mR 4.9KC 29KC	5.5mR 4.9KC 29KC	16KC 1.3KC 7.6KC	16KC 1.3KC 7.6KC	104:15
04:20	18KC 1.5KC 9.0KC	1.4KC 110C 610C	49KC 4.0KC 24KC	23KC 1.9KC 10KC	1.4KC 110C 610C		5.8mR 5.2KC 33KC	5.8mR 5.2KC 33KC	18KC 1.5KC 9.9KC	18KC 1.5KC 9.9KC	104:20
04:25	20KC 1.7KC 10KC	1.7KC 140C 760C	5.4mR 4.4KC 27KC	26KC 2.1KC 12KC	1.7KC 140C 760C		6.1mR 5.4KC 36KC	6.1mR 5.4KC 36KC	20KC 1.6KC 10KC	20KC 1.6KC 10KC	104:25
04:30	22KC 1.8KC 11KC	2.1KC 160C 940C	5.8mR 4.8KC 31KC	29KC 2.3KC 14KC	2.1KC 160C 940C		6.3mR 5.6KC 39KC	6.3mR 5.6KC 39KC	21KC 1.8KC 11KC	21KC 1.8KC 11KC	104:30
04:35	24KC 2.0KC 12KC	2.4KC 190C 1.1KC	6.2mR 5.1KC 35KC	32KC 2.6KC 17KC	2.4KC 190C 1.1KC		6.4mR 5.7KC 41KC	6.4mR 5.7KC 41KC	23KC 1.9KC 13KC	23KC 1.9KC 13KC	104:35

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	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Point 7	Point 8	Point 9	Point 10	Point 11	Point 12	Point 13	Point 14	Point 15	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
04:40	15m	45m	15m	45m	15m	45m	15m	45m	15m	45m	15m	45m	15m	45m	15m	45m
04:45	16m	46m	16m	46m	16m	46m	16m	46m	16m	46m	16m	46m	16m	46m	16m	46m
04:50	17m	47m	17m	47m	17m	47m	17m	47m	17m	47m	17m	47m	17m	47m	17m	47m
04:55	18m	48m	18m	48m	18m	48m	18m	48m	18m	48m	18m	48m	18m	48m	18m	48m
05:00	19m	49m	19m	49m	19m	49m	19m	49m	19m	49m	19m	49m	19m	49m	19m	49m
05:05	20m	50m	20m	50m	20m	50m	20m	50m	20m	50m	20m	50m	20m	50m	20m	50m
05:10	21m	51m	21m	51m	21m	51m	21m	51m	21m	51m	21m	51m	21m	51m	21m	51m
05:15	22m	52m	22m	52m	22m	52m	22m	52m	22m	52m	22m	52m	22m	52m	22m	52m
05:20	23m	53m	23m	53m	23m	53m	23m	53m	23m	53m	23m	53m	23m	53m	23m	53m
05:25	24m	54m	24m	54m	24m	54m	24m	54m	24m	54m	24m	54m	24m	54m	24m	54m
05:30	25m	55m	25m	55m	25m	55m	25m	55m	25m	55m	25m	55m	25m	55m	25m	55m
05:35	26m	56m	26m	56m	26m	56m	26m	56m	26m	56m	26m	56m	26m	56m	26m	56m
05:40	27m	57m	27m	57m	27m	57m	27m	57m	27m	57m	27m	57m	27m	57m	27m	57m
05:45	28m	58m	28m	58m	28m	58m	28m	58m	28m	58m	28m	58m	28m	58m	28m	58m
05:50	29m	59m	29m	59m	29m	59m	29m	59m	29m	59m	29m	59m	29m	59m	29m	59m
05:55	30m	60m	30m	60m	30m	60m	30m	60m	30m	60m	30m	60m	30m	60m	30m	60m
06:00	31m	61m	31m	61m	31m	61m	31m	61m	31m	61m	31m	61m	31m	61m	31m	61m

	Point 16	Point 17	Point 18	Point 19	Point 20	Point 21	Point 22	Point 23	Point 24	Point 25	Point 26	Point 27	Point 28	Point 29	Point 30	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
04:40	49R	98R	98KR	190KR	190KR											104:40
04:45	52R	104R	104KR	208KR	208KR											104:45
04:50	55R	110R	110KR	220KR	220KR											104:50
04:55	58R	116R	116KR	232KR	232KR											104:55
05:00	61R	122R	122KR	244KR	244KR											105:00
05:05	64R	128R	128KR	256KR	256KR											105:05
05:10	67R	134R	134KR	268KR	268KR											105:10
05:15	70R	140R	140KR	280KR	280KR											105:15
05:20	73R	146R	146KR	292KR	292KR											105:20
05:25	76R	152R	152KR	304KR	304KR											105:25
05:30	79R	158R	158KR	316KR	316KR											105:30
05:35	82R	164R	164KR	328KR	328KR											105:35
05:40	85R	170R	170KR	340KR	340KR											105:40
05:45	88R	176R	176KR	352KR	352KR											105:45
05:50	91R	182R	182KR	364KR	364KR											105:50
05:55	94R	188R	188KR	376KR	376KR											105:55
06:00	97R	194R	194KR	388KR	388KR											106:00

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--- Rad Monitor ALARMS ---

* = HI Alarm

! = HI/Hi Alarm

= HI/Hi or Only Alarm

--- CONTAMINATION Units ---

C = cpm

KC = 1000's of cpm
assumes 10% efficiency

--- DOSE RATE Units ---

mR = mrem/hr

R = Rem/hr

RR = 1000's of Rem/hr

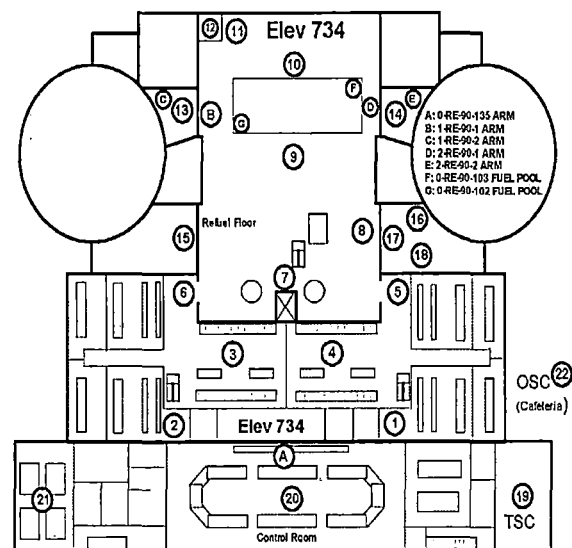
--- Air Sample Data ---

Air Samples based on

1000000 cc

air sample

	IRM-001	2RM-001	ORM-102	ORM-103	ORM-101B	ORM-135	ORM-205	ORM-206	ORM-125	ORM-126	
	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	
	10000	10000	10000	10000	1E+07	10000	1E+07	1E+07	1E+07	1E+07	
	mt/hr	mt/hr	mt/hr	mt/hr	cpm	mt/hr	cpm	cpm	cpm	cpm	
04:00	2.0E+00	2.0E+00	1.9E+00	8.6E-01	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	104:40
04:05	2.0E+00	2.1E+00	1.9E+00	8.9E-01	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	104:45
04:50	2.1E+00	2.1E+00	1.9E+00	9.2E-01	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	104:50
04:55	2.1E+00	2.2E+00	1.9E+00	9.5E-01	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	104:55
05:00	2.1E+00	2.2E+00	2.0E+00	9.7E-01	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	105:00
05:05	2.2E+00	2.2E+00	2.0E+00	1.0E+00	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	105:05
05:10	2.2E+00	2.3E+00	2.0E+00	1.0E+00	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	105:10
05:15	2.2E+00	2.3E+00	2.0E+00	1.0E+00	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	105:15
05:20	2.3E+00	2.3E+00	2.0E+00	1.1E+00	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	105:20
05:25	2.3E+00	2.3E+00	2.0E+00	1.1E+00	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	105:25
05:30	2.3E+00	2.4E+00	2.0E+00	1.1E+00	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	105:30
05:35	2.3E+00	2.4E+00	2.0E+00	1.1E+00	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	105:35
05:40	2.3E+00	2.4E+00	2.0E+00	1.1E+00	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	105:40
05:45	2.3E+00	2.4E+00	2.0E+00	1.1E+00	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	105:45
05:50	2.3E+00	2.4E+00	2.0E+00	1.1E+00	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	105:50
05:55	2.3E+00	2.4E+00	2.0E+00	1.2E+00	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	105:55
06:00	2.4E+00	2.4E+00	2.0E+00	1.2E+00	4.0E+01	1.1E-01	1.0E+07	1.0E+07	1.0E+07	1.0E+07	106:00



	100 ELEV 734 MAIN			101 CHINTN HATCH 734			102 EGTS ROOM			101 OSMOSIS ROOM			102 CHINTN HATCH 734			101 ADDL EQPT			102 ADDL EQPT			101 CB BOARD ROOM			102 CB BOARD ROOM			100 CB CONTROL ROOM			101 CB INSTRUMENT ROOM			
	HEPA	I131	Surf	HEPA	I131	Surf	HEPA	I131	Surf	HEPA	I131	Surf	HEPA	I131	Surf	HEPA	I131	Surf	HEPA	I131	Surf	HEPA	I131	Surf	HEPA	I131	Surf	HEPA	I131	Surf	HEPA	I131	Surf	
04:00	26KC	2.1KC	14KC	2.8KC	22KC	1.3KC	6.5mR	5.4KC	38KC	34KC	2.8KC	19KC	2.8KC	22KC	1.3KC	6.4mR	5.8KC	43KC	6.4mR	5.8KC	43KC	25KC	2.1KC	14KC	25KC	2.1KC	14KC	25KC	2.1KC	14KC	25KC	2.1KC	14KC	104:40
04:05	27KC	2.3KC	16KC	3.2KC	25KC	1.5KC	6.8mR	5.6KC	41KC	37KC	3.0KC	21KC	3.2KC	25KC	1.5KC	6.4mR	5.8KC	45KC	6.4mR	5.8KC	45KC	27KC	2.3KC	15KC	27KC	2.3KC	15KC	27KC	2.3KC	15KC	27KC	2.3KC	15KC	104:45
04:50	29KC	2.4KC	17KC	3.6KC	28KC	1.8KC	7.0mR	5.8KC	44KC	39KC	3.2KC	23KC	3.6KC	28KC	1.8KC	6.4mR	5.8KC	47KC	6.4mR	5.8KC	47KC	29KC	2.4KC	17KC	29KC	2.4KC	17KC	29KC	2.4KC	17KC	29KC	2.4KC	17KC	104:50
04:55	30KC	2.5KC	19KC	4.0KC	32KC	2.1KC	7.1mR	5.9KC	47KC	41KC	3.4KC	25KC	4.0KC	32KC	2.1KC	6.4mR	5.8KC	48KC	6.4mR	5.8KC	48KC	29KC	2.5KC	18KC	29KC	2.5KC	18KC	29KC	2.5KC	18KC	29KC	2.5KC	18KC	104:55
05:00	32KC	2.6KC	20KC	4.5KC	35KC	2.4KC	7.2mR	6.0KC	49KC	43KC	3.6KC	27KC	4.5KC	35KC	2.4KC	6.4mR	5.8KC	49KC	6.4mR	5.8KC	49KC	31KC	2.6KC	20KC	31KC	2.6KC	20KC	31KC	2.6KC	20KC	31KC	2.6KC	20KC	105:00
05:05	33KC	2.8KC	21KC	4.9KC	39KC	2.7KC	7.3mR	6.1KC	5.1mR	45KC	3.7KC	29KC	4.9KC	39KC	2.7KC	6.3mR	5.8KC	49KC	6.3mR	5.8KC	49KC	32KC	2.7KC	21KC	32KC	2.7KC	21KC	32KC	2.7KC	21KC	32KC	2.7KC	21KC	105:05
05:10	34KC	2.9KC	23KC	5.3KC	42KC	3.0KC	7.3mR	6.1KC	5.3mR	47KC	3.8KC	31KC	5.3KC	42KC	3.0KC	6.2mR	5.8KC	5.0mR	6.2mR	5.8KC	5.0mR	33KC	2.8KC	22KC	33KC	2.8KC	22KC	33KC	2.8KC	22KC	33KC	2.8KC	22KC	105:10
05:15	36KC	3.0KC	24KC	5.8KC	46KC	3.3KC	7.3mR	6.1KC	5.4mR	48KC	4.0KC	32KC	5.8KC	46KC	3.3KC	6.2mR	5.7KC	5.0mR	6.2mR	5.7KC	5.0mR	34KC	2.9KC	23KC	34KC	2.9KC	23KC	34KC	2.9KC	23KC	34KC	2.9KC	23KC	105:15
05:20	37KC	3.1KC	25KC	6.3KC	50KC	3.7KC	7.2mR	6.1KC	5.5mR	5.0mR	4.1KC	34KC	6.3KC	50KC	3.7KC	6.1mR	5.7KC	5.0mR	6.1mR	5.7KC	5.0mR	35KC	2.9KC	24KC	35KC	2.9KC	24KC	35KC	2.9KC	24KC	35KC	2.9KC	24KC	105:20
05:25	38KC	3.1KC	26KC	6.7KC	54KC	4.0KC	7.2mR	6.1KC	5.6mR	5.1mR	4.2KC	35KC	6.7KC	54KC	4.0KC	6.0mR	5.6KC	5.0mR	6.0mR	5.6KC	5.0mR	36KC	3.0KC	25KC	36KC	3.0KC	25KC	36KC	3.0KC	25KC	36KC	3.0KC	25KC	105:25
05:30	38KC	3.2KC	27KC	7.2KC	58KC	4.3KC	7.1mR	6.1KC	5.7mR	5.2mR	4.3KC	37KC	7.2KC	58KC	4.3KC	5.9mR	5.6KC	5.0mR	5.9mR	5.6KC	5.0mR	37KC	3.1KC	26KC	37KC	3.1KC	26KC	37KC	3.1KC	26KC	37KC	3.1KC	26KC	105:30
05:35	39KC	3.3KC	28KC	7.6KC	61KC	4.7KC	7.1mR	6.1KC	5.7mR	5.2mR	4.4KC	38KC	7.6KC	61KC	4.7KC	5.8mR	5.5KC	49KC	5.8mR	5.5KC	49KC	37KC	3.2KC	27KC	37KC	3.2KC	27KC	37KC	3.2KC	27KC	37KC	3.2KC	27KC	105:35
05:40	40KC	3.4KC	29KC	8.1KC	65KC	5.1KC	7.0mR	6.0KC	5.7mR	5.3mR	4.4KC	39KC	8.1KC	65KC	5.1KC	5.7mR	5.5KC	49KC	5.7mR	5.5KC	49KC	38KC	3.2KC	28KC	38KC	3.2KC	28KC	38KC	3.2KC	28KC	38KC	3.2KC	28KC	105:40
05:45	40KC	3.4KC	30KC	8.5KC	69KC	5.4KC	6.9mR	6.0KC	5.7mR	5.4mR	4.5KC	40KC	8.5KC	69KC	5.4KC	5.6mR	5.4KC	49KC	5.6mR	5.4KC	49KC	39KC	3.3KC	29KC	39KC	3.3KC	29KC	39KC	3.3KC	29KC	39KC	3.3KC	29KC	105:45
05:50	41KC	3.5KC	31KC	8.9KC	73KC	5.8KC	6.8mR	6.0KC	5.7mR	5.4mR	4.6KC	41KC	8.9KC	73KC	5.8KC	5.5mR	5.4KC	48KC	5.5mR	5.4KC	48KC	39KC	3.4KC	29KC	39KC	3.4KC	29KC	39KC	3.4KC	29KC	39KC	3.4KC	29KC	105:50
05:55	41KC	3.6KC	31KC	9.3KC	77KC	6.1KC	6.7mR	5.9KC	5.7mR	5.4mR	4.6KC	42KC	9.3KC	77KC	6.1KC	5.4mR	5.3KC	48KC	5.4mR	5.3KC	48KC	40KC	3.4KC	30KC	40KC	3.4KC	30KC	40KC	3.4KC	30KC	40KC	3.4KC	30KC	105:55
06:00	42KC	3.6KC	32KC	9.8KC	80KC	6.5KC	6.6mR	5.8KC	5.6mR	5.5mR	4.7KC	42KC	9.8KC	80KC	6.5KC	5.3mR	5.3KC	47KC	5.3mR	5.3KC	47KC	40KC	3.4KC	30KC	40KC	3.4KC	30KC	40KC	3.4KC	30KC	40KC	3.4KC	30KC	106:00

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	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Point 7	Point 8	Point 9	Point 10	Point 11	Point 12	Point 13	Point 14	Point 15	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
00:00																00:00
00:05																00:05
00:10																00:10
00:15																00:15
00:20																00:20
00:25																00:25
00:30																00:30
00:35																00:35
00:40																00:40
00:45																00:45
00:50																00:50
00:55																00:55
01:00																01:00
01:05																01:05
01:10																01:10
01:15																01:15
01:20																01:20
01:25																01:25
01:30																01:30
01:35																01:35
01:40																01:40
01:45																01:45
01:50																01:50
01:55																01:55
02:00																02:00
02:05																02:05
02:10																02:10
02:15																02:15

	Point 16	Point 17	Point 18	Point 19	Point 20	Point 21	Point 22	Point 23	Point 24	Point 25	Point 26	Point 27	Point 28	Point 29	Point 30	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
00:00																00:00
00:05																00:05
00:10																00:10
00:15																00:15
00:20																00:20
00:25																00:25
00:30																00:30
00:35																00:35
00:40																00:40
00:45																00:45
00:50																00:50
00:55																00:55
01:00																01:00
01:05																01:05
01:10																01:10
01:15																01:15
01:20																01:20
01:25																01:25
01:30																01:30
01:35																01:35
01:40																01:40
01:45																01:45
01:50																01:50
01:55																01:55
02:00																02:00
02:05																02:05
02:10																02:10
02:15																02:15

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== Rad Monitor ALARMS ==

 $\star = H_2, A_{\text{atm}}$

= HiHi Alarm
@ = HiHiHi or Only Alarm

== CONTAMINATION UP-ES ==

$C = C_{pm}$

KC = 1000's of cpm
assumes 10% efficiency

=== DOSE RATE Units ===

$$mR = mrem/hr.$$

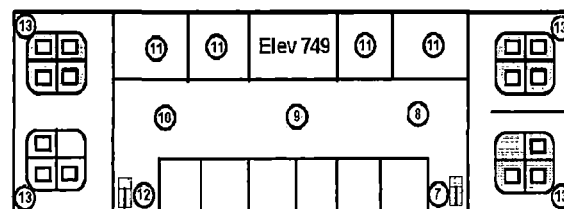
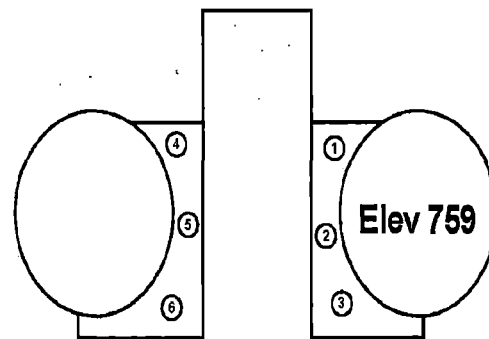
R = Rem/hr
KR = 1000's of Rem/hr

== Air Sample Data ==

Air Samples based on

2000000 cc
air sample

	ZRM-260	ZRM-261	ZRM-400	ZRM-400	ZRM-260	ZRM-261			
	...	1000	.01	.01	.1	1000			
	10000	1E-07	1.3E+10	1E+10	10000	1E+07			
	mz/hr	mc/hc	uC/sec	uC/sec	mz/hr	mc/hc			
00:00	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			00:00
00:05	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			00:05
00:10	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			00:10
00:15	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			00:15
00:20	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			00:20
00:25	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			00:25
00:30	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			00:30
00:35	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			00:35
00:40	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			00:40
00:45	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			00:45
00:50	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			00:50
00:55	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			00:55
01:00	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			01:00
01:05	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			01:05
01:10	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			01:10
01:15	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			01:15
01:20	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			01:20
01:25	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			01:25
01:30	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			01:30
01:35	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			01:35
01:40	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			01:40
01:45	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			01:45
01:50	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			01:50
01:55	1.1E-01	1.0E+03	1.1E-01	8.0E-02	1.1E-01	1.0E+03			01:55
02:00	1.1E-01	1.0E+03	2.5E+00	8.0E-02	1.1E-01	1.0E+03			02:00
02:05	1.1E-01	1.0E+03	3.3E+00	8.0E-02	1.1E-01	1.0E+03			02:05
02:10	1.1E-01	1.0E+03	4.0E+00	8.0E-02	1.1E-01	1.0E+03			02:10
02:15	1.1E-01	1.0E+03	4.6E+00	8.0E-02	1.1E-01	1.0E+03			02:15

[illegible]

06-01-2016 19:03:27 SQN 9-14-2016 AB 759 Dose Points - Page 2

	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Point 7	Point 8	Point 9	Point 10	Point 11	Point 12	Point 13	Point 14	Point 15	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
02:20																02:20
02:25																02:25
02:30																02:30
02:35																02:35
02:40																02:40
02:45																02:45
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03:00																03:00
03:05																03:05
03:10																03:10
03:15																03:15
03:20																03:20
03:25																03:25
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03:50																03:50
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04:00																04:00
04:05																04:05
04:10																04:10
04:15																04:15
04:20																04:20
04:25																04:25
04:30																04:30
04:35																04:35

	Point 16	Point 17	Point 18	Point 19	Point 20	Point 21	Point 22	Point 23	Point 24	Point 25	Point 26	Point 27	Point 28	Point 29	Point 30	
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open
02:20																02:20
02:25																02:25
02:30																02:30
02:35																02:35
02:40																02:40
02:45																02:45
02:50																02:50
02:55																02:55
03:00																03:00
03:05																03:05
03:10																03:10
03:15																03:15
03:20																03:20
03:25																03:25
03:30																03:30
03:35																03:35
03:40																03:40
03:45																03:45
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04:00																04:00
04:05																04:05
04:10																04:10
04:15																04:15
04:20																04:20
04:25																04:25
04:30																04:30
04:35																04:35

[illegible][illegible]

06-01-2016 19:03:27 SQN 9-14-2016 AS 759 Air / Rmons - Page 2

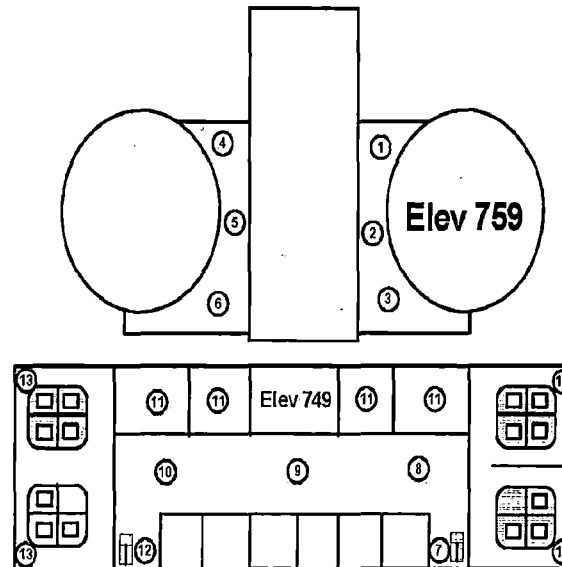
--- Rad Monitor ALARMS ---
 * = H: Alarm
 # = H: Hi Alarm
 @ = H: Hi/Hi or Only Alarm

--- CONTAMINATION Units ---
 C = cpm
 KC = 1000's of cpm
 assumes .04 efficiency

--- DOSE RATE Units ---
 mR = mrem/hr
 R = Rem/hr
 KR = 1000's of Rem/hr

--- Air Sample Data ---
 Air Samples based on
 1000000 cc
 air sample

	2RM-260	2RM-261	1RM-400	2RM-400	1RM-260	1RM-261		
	10000 mR/hr	1E-07 mR/hr	.01 uCi/sec	1E+10 uCi/sec	10000 mR/hr	1E-07 mR/hr		
02:20	1.1E-01	1.0E+03	5.2E+00	8.0E-02	1.1E-01	1.0E+03		02:20
02:25	1.1E-01	1.0E+03	5.7E+00	8.0E-02	1.1E-01	1.0E+03		02:25
02:30	1.1E-01	1.0E+03	6.3E+00	8.0E-02	1.1E-01	1.0E+03		02:30
02:35	1.1E-01	1.0E+03	6.8E+00	8.0E-02	1.1E-01	1.0E+03		02:35
02:40	1.1E-01	1.0E+03	9.2E+00	8.0E-02	1.1E-01	1.0E+03		02:40
02:45	1.1E-01	1.0E+03	9.4E+00	8.0E-02	1.1E-01	1.0E+03		02:45
02:50	1.1E-01	1.0E+03	9.4E+00	8.0E-02	1.1E-01	1.0E+03		02:50
02:55	1.1E-01	1.0E+03	9.3E+00	8.0E-02	1.1E-01	1.0E+03		02:55
03:00	1.1E-01	1.0E+03	9.0E+03	8.0E-02	1.1E-01	1.0E+03		03:00
03:05	1.1E-01	1.0E+03	8.1E+04	8.0E-02	1.1E-01	1.0E+03		03:05
03:10	1.1E-01	1.0E+03	2.0E+05	8.0E-02	1.1E-01	1.0E+03		03:10
03:15	1.1E-01	1.0E+03	3.4E+05	8.0E-02	1.1E-01	1.0E+03		03:15
03:20	1.1E-01	1.0E+03	5.0E+05	8.0E-02	1.1E-01	1.0E+03		03:20
03:25	1.1E-01	1.0E+03	6.7E+05	8.0E-02	1.1E-01	1.0E+03		03:25
03:30	1.1E-01	1.0E+03	8.4E+05	8.0E-02	1.1E-01	1.0E+03		03:30
03:35	1.1E-01	1.0E+03	9.8E+05	8.0E-02	1.1E-01	1.0E+03		03:35
03:40	1.2E-01	1.0E+03	1.1E+06	8.0E-02	1.2E-01	1.0E+03		03:40
03:45	1.2E-01	1.0E+03	1.2E+06	8.0E-02	1.2E-01	1.0E+03		03:45
03:50	1.2E-01	1.0E+03	1.3E+06	8.0E-02	1.2E-01	1.0E+03		03:50
03:55	1.2E-01	1.0E+03	1.5E+06	8.0E-02	1.2E-01	1.0E+03		03:55
04:00	1.2E-01	1.0E+03	1.7E+06	8.0E-02	1.2E-01	1.0E+03		04:00
04:05	1.3E-01	1.0E+03	1.8E+06	8.0E-02	1.3E-01	1.0E+03		04:05
04:10	1.3E-01	1.0E+03	1.8E+06	8.0E-02	1.3E-01	1.0E+03		04:10
04:15	1.3E-01	1.0E+03	1.9E+06	8.0E-02	1.3E-01	1.0E+03		04:15
04:20	1.3E-01	1.0E+03	1.9E+06	8.0E-02	1.3E-01	1.0E+03		04:20
04:25	1.3E-01	1.0E+03	1.9E+06	8.0E-02	1.4E-01	1.0E+03		04:25
04:30	1.4E-01	1.0E+03	1.9E+06	8.0E-02	1.4E-01	1.0E+03		04:30
04:35	1.4E-01	1.0E+03	1.9E+06	8.0E-02	1.4E-01	1.0E+03		04:35



	UO SB GENERAL AREAS			UO SB RADCON AREA			UO SB CHEM LAB RM				
	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf
02:20	02:20
02:25	02:25
02:30	02:30
02:35	02:35
02:40	02:40
02:45	02:45
02:50	02:50
02:55	02:55
03:00	03:00
03:05	03:05
03:10	03:10
03:15	03:15
03:20	03:20
03:25	03:25
03:30	03:30
03:35	03:35
03:40	03:40
03:45	03:45
03:50	03:50
03:55	03:55
04:00	04:00
04:05	04:05
04:10	04:10
04:15	04:15
04:20	04:20
04:25	04:25
04:30	04:30
04:35	04:35

06-01-2016 19:03:27 SQN 9-14-2016 AB 759 Dose Points - Page 3

	Point 1		Point 2		Point 3		Point 4		Point 5		Point 6		Point 7		Point 8		Point 9		Point 10		Point 11		Point 12		Point 13		Point 14		Point 15		
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	
04:40	2.5mR	5.6mR	4.8mR	7.1mR	340R	340R	2.2mR	3.9mR	25mR	26mR	97mR	99mR	.31mR	.90mR	1.1mR	2.9mR	.75mR	2.2mR	.98mR	2.8mR	.72mR	2.1mR	.27mR	.81mR	.24mR	.70mR					104:40
04:45	2.5mR	5.6mR	4.8mR	7.2mR	370R	370R	2.3mR	4.0mR	24mR	26mR	96mR	99mR	.33mR	.95mR	1.2mR	3.1mR	.75mR	2.3mR	1.0mR	3.0mR	.76mR	2.2mR	.29mR	.86mR	.25mR	.73mR					104:45
04:50	2.5mR	5.9mR	4.8mR	7.2mR	390R	390R	2.3mR	4.1mR	24mR	26mR	95mR	97mR	.35mR	.99mR	1.2mR	3.2mR	.83mR	2.4mR	1.0mR	3.1mR	.80mR	2.3mR	.30mR	.90mR	.26mR	.77mR					104:50
04:55	2.6mR	6.0mR	4.8mR	7.2mR	410R	410R	2.3mR	4.3mR	24mR	25mR	94mR	96mR	.36mR	1.0mR	1.3mR	3.4mR	.86mR	2.5mR	1.1mR	3.3mR	.83mR	2.4mR	.32mR	.94mR	.28mR	.80mR					104:55
05:00	2.6mR	6.1mR	4.8mR	7.2mR	430R	430R	2.4mR	4.4mR	23mR	25mR	93mR	95mR	.38mR	1.0mR	1.3mR	3.5mR	.89mR	2.6mR	1.1mR	3.4mR	.86mR	2.5mR	.33mR	.97mR	.29mR	.83mR					105:00
05:05	2.6mR	6.1mR	4.8mR	7.2mR	450R	450R	2.4mR	4.5mR	23mR	25mR	91mR	94mR	.39mR	1.1mR	1.4mR	3.6mR	.92mR	2.7mR	1.2mR	3.5mR	.89mR	2.6mR	.34mR	1.0mR	.30mR	.86mR					105:05
05:10	2.6mR	6.1mR	4.8mR	7.2mR	470R	470R	2.4mR	4.6mR	23mR	25mR	90mR	93mR	.41mR	1.1mR	1.4mR	3.7mR	.95mR	2.8mR	1.2mR	3.6mR	.92mR	2.7mR	.35mR	1.0mR	.31mR	.89mR					105:10
05:15	2.6mR	6.1mR	4.7mR	7.2mR	490R	490R	2.4mR	4.6mR	23mR	25mR	89mR	92mR	.42mR	1.1mR	1.5mR	3.9mR	.98mR	2.8mR	1.2mR	3.6mR	.95mR	2.7mR	.36mR	1.0mR	.32mR	.91mR					105:15
05:20	2.6mR	6.1mR	4.7mR	7.1mR	520R	520R	2.4mR	4.7mR	22mR	24mR	88mR	91mR	.43mR	1.2mR	1.5mR	4.0mR	1.0mR	2.9mR	1.3mR	3.8mR	.97mR	2.8mR	.37mR	1.0mR	.33mR	.94mR					105:20
05:25	2.6mR	6.0mR	4.6mR	7.1mR	540R	540R	2.4mR	4.8mR	22mR	24mR	87mR	90mR	.44mR	1.2mR	1.6mR	4.1mR	1.0mR	3.0mR	1.3mR	3.9mR	.99mR	2.9mR	.38mR	1.1mR	.33mR	.96mR					105:25
05:30	2.6mR	6.0mR	4.6mR	7.0mR	560R	560R	2.5mR	4.8mR	22mR	24mR	86mR	89mR	.45mR	1.2mR	1.6mR	4.1mR	1.0mR	3.0mR	1.3mR	4.0mR	1.0mR	2.9mR	.39mR	1.1mR	.34mR	.98mR					105:30
05:35	2.5mR	6.0mR	4.5mR	6.9mR	580R	580R	2.5mR	4.8mR	22mR	24mR	85mR	88mR	.46mR	1.2mR	1.6mR	4.2mR	1.0mR	3.1mR	1.4mR	4.1mR	1.0mR	3.0mR	.40mR	1.1mR	.35mR	1.0mR					105:35
05:40	2.5mR	5.9mR	4.5mR	6.8mR	600R	600R	2.5mR	4.9mR	21mR	23mR	84mR	87mR	.47mR	1.3mR	1.7mR	4.3mR	1.0mR	3.1mR	1.4mR	4.1mR	1.0mR	3.0mR	.40mR	1.1mR	.35mR	1.0mR					105:40
05:45	2.6mR	5.8mR	4.4mR	6.8mR	620R	620R	2.5mR	4.9mR	21mR	23mR	83mR	86mR	.47mR	1.3mR	1.7mR	4.4mR	1.1mR	3.2mR	1.4mR	4.2mR	1.0mR	3.1mR	.41mR	1.2mR	.36mR	1.0mR					105:45
05:50	2.5mR	5.8mR	4.4mR	6.7mR	640R	640R	2.5mR	4.9mR	21mR	23mR	82mR	85mR	.48mR	1.3mR	1.7mR	4.4mR	1.1mR	3.2mR	1.4mR	4.2mR	1.0mR	3.1mR	.41mR	1.2mR	.36mR	1.0mR					105:50
05:55	2.4mR	5.7mR	4.3mR	6.6mR	660R	660R	2.4mR	4.9mR	21mR	23mR	81mR	84mR	.49mR	1.3mR	1.8mR	4.5mR	1.1mR	3.3mR	1.4mR	4.3mR	1.0mR	3.2mR	.42mR	1.2mR	.37mR	1.0mR					105:55
06:00	2.4mR	5.7mR	4.3mR	6.5mR	680R	680R	2.4mR	4.9mR	20mR	23mR	80mR	82mR	.49mR	1.3mR	1.8mR	4.5mR	1.1mR	3.3mR	1.4mR	4.3mR	1.1mR	3.2mR	.42mR	1.2mR	.37mR	1.0mR					106:00

	Point 16		Point 17		Point 18		Point 19		Point 20		Point 21		Point 22		Point 23		Point 24		Point 25		Point 26		Point 27		Point 28		Point 29		Point 30		
	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	Closed	Open	
04:40																															104:40
04:45																															104:45
04:50																															104:50
04:55																															104:55
05:00																															105:00
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05:45																															105:45
05:50																															105:50
05:55																															105:55
06:00																															106:00

06-01-2016 19:03:27 SQN 9-14-2016 RB 759 Air / Rmons - Page 3

== Rad Monitor ALARMS ==

* = Hi Alarm

= HiHi Alarm

@ = HiHiHi or Only Alarm

== CONTAMINATION Units ==

C = cpm

KC = 1000's of cpm

assumes 10% efficiency

== DOSE RATE Units ==

mR = mrem/hr

R = Rem/hr

KR = 1000's of Rem/hr

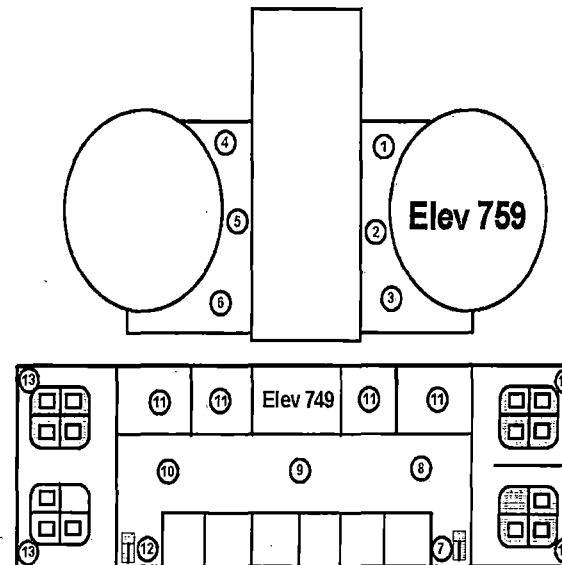
== Air Sample Data ==

Air Samples based on

1000000 cc

air sample

	2RM-260	2RM-261	1RM-400	2RM-400	1RM-260	1RM-261						
	.1	1000	.01	.01	.1	1000						
	10000	1E+07	1.3E+10	1E+10	10000	1E+07						
	nr/hr	nr/hr	uC/sec	uC/sec	nr/hr	nr/hr						
04:40	1.4E-01	1.0E+03	1.9E+06E	8.0E-02	1.4E-01	1.0E+03						04:40
04:45	1.4E-01	1.0E+03	1.9E+06E	8.0E-02	1.4E-01	1.0E+03						04:45
04:50	1.4E-01	1.0E+03	1.9E+06E	8.0E-02	1.5E-01	1.0E+03						04:50
04:55	1.4E-01	1.0E+03	1.9E+06E	8.0E-02	1.5E-01	1.0E+03						04:55
05:00	1.5E-01	1.0E+03	1.9E+06E	8.0E-02	1.5E-01	1.0E+03						05:00
05:05	1.5E-01	1.0E+03	1.8E+06E	8.0E-02	1.5E-01	1.0E+03						05:05
05:10	1.5E-01	1.0E+03	1.8E+06E	8.0E-02	1.5E-01	1.0E+03						05:10
05:15	1.5E-01	1.0E+03	1.8E+06E	8.0E-02	1.5E-01	1.0E+03						05:15
05:20	1.5E-01	1.0E+03	1.8E+06E	8.0E-02	1.5E-01	1.0E+03						05:20
05:25	1.5E-01	1.0E+03	1.8E+06E	8.0E-02	1.5E-01	1.0E+03						05:25
05:30	1.5E-01	1.0E+03	1.8E+06E	8.0E-02	1.5E-01	1.0E+03						05:30
05:35	1.5E-01	1.0E+03	1.8E+06E	8.0E-02	1.6E-01	1.0E+03						05:35
05:40	1.5E-01	1.0E+03	1.8E+06E	8.0E-02	1.6E-01	1.0E+03						05:40
05:45	1.5E-01	1.0E+03	1.8E+06E	8.0E-02	1.6E-01	1.0E+03						05:45
05:50	1.5E-01	1.0E+03	1.8E+06E	8.0E-02	1.6E-01	1.0E+03						05:50
05:55	1.5E-01	1.0E+03	1.8E+06E	8.0E-02	1.6E-01	1.0E+03						05:55
06:00	1.6E-01	1.0E+03	1.8E+06E	8.0E-02	1.6E-01	1.0E+03						06:00



	UO SB GENERAL AREAS	UO SB RADCON AREA	UO SB CHEM LAB RM	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf	
	HEPA I131 Surf	HEPA I131 Surf	HEPA I131 Surf									
04:40	.	.	.	29KC 1.5KC 16KC	.	.	.	.	.	.	.	04:40
04:45	.	.	.	32KC 1.6KC 18KC	.	.	.	.	.	.	.	04:45
04:50	.	.	.	34KC 1.7KC 20KC	.	.	.	.	.	.	.	04:50
04:55	.	.	.	36KC 1.8KC 21KC	.	.	.	.	.	.	.	04:55
05:00	.	.	.	38KC 1.9KC 23KC	.	.	.	.	.	.	.	05:00
05:05	.	.	.	39KC 2.0KC 25KC	.	.	.	.	.	.	.	05:05
05:10	.	.	.	41KC 2.1KC 27KC	.	.	.	.	.	.	.	05:10
05:15	.	.	.	42KC 2.2KC 28KC	.	.	.	.	.	.	.	05:15
05:20	.	.	.	43KC 2.2KC 30KC	.	.	.	.	.	.	.	05:20
05:25	.	.	.	44KC 2.3KC 31KC	.	.	.	.	.	.	.	05:25
05:30	.	.	.	45KC 2.3KC 32KC	.	.	.	.	.	.	.	05:30
05:35	.	.	.	45KC 2.3KC 33KC	.	.	.	.	.	.	.	05:35
05:40	.	.	.	46KC 2.4KC 34KC	.	.	.	.	.	.	.	05:40
05:45	.	.	.	46KC 2.4KC 35KC	.	.	.	.	.	.	.	05:45
05:50	.	.	.	46KC 2.4KC 36KC	.	.	.	.	.	.	.	05:50
05:55	.	.	.	47KC 2.4KC 36KC	.	.	.	.	.	.	.	05:55
06:00	.	.	.	47KC 2.4KC 37KC	.	.	.	.	.	.	.	06:00

17 Plume Package - TVA

TVA ENVIRONMENTAL MONITORING POINT DATA

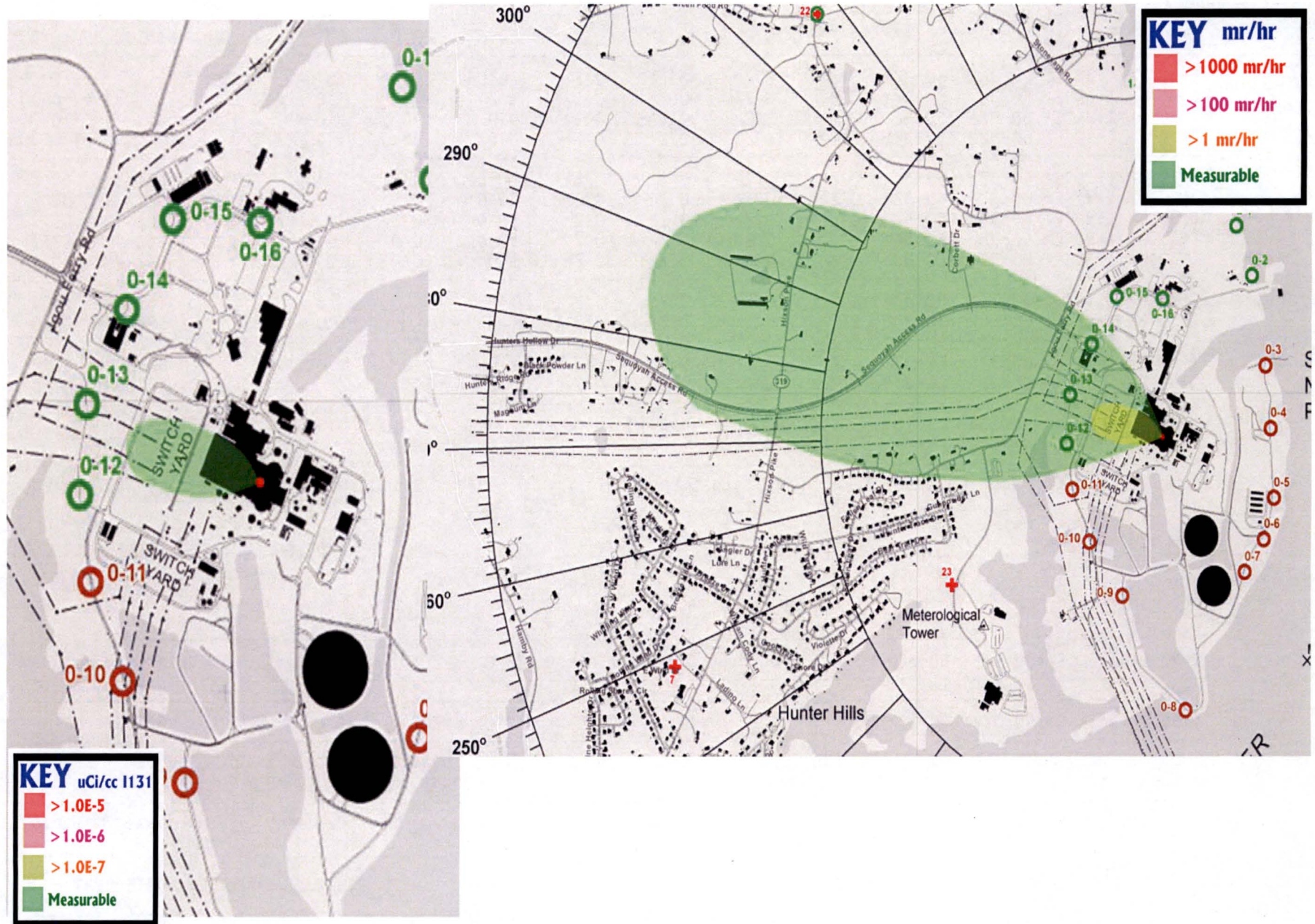
SQNP 1046-1100 (Eastern) 09/14/16

Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				Air Concentrations		5 min Air Samp	
Miles	Sector	1 meter		Ground		1 meter		Ground		I131	Partic	I131	Partic
		open	closed	closed	open	open	closed	closed	open	uCi/cc	uCi/cc	cpm	cpm
0.10	WNW/293	0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1

TVA ENVIRONMENTAL MONITORING POINT DATA

SQNP 1101-1115 (Eastern) 09/14/16

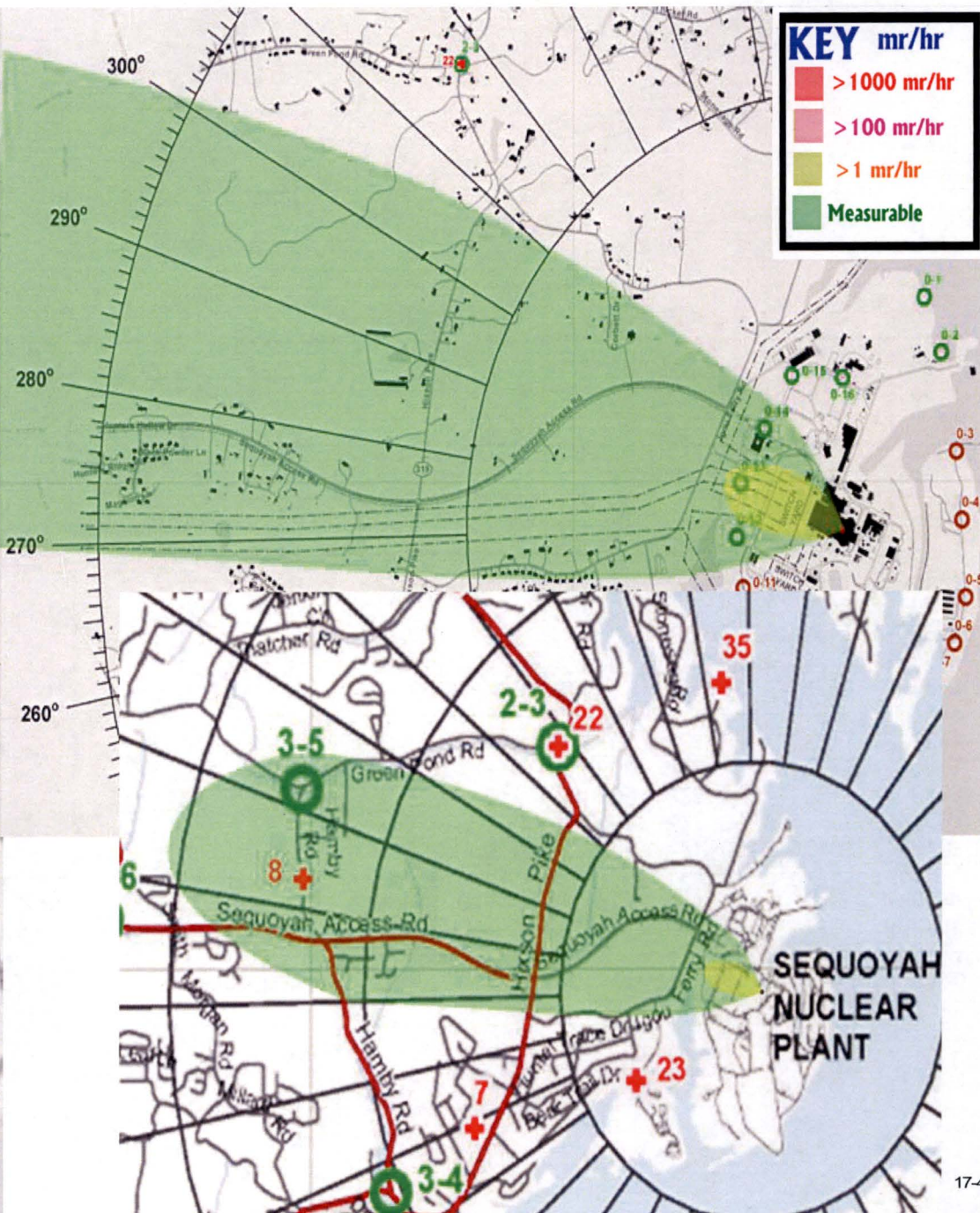
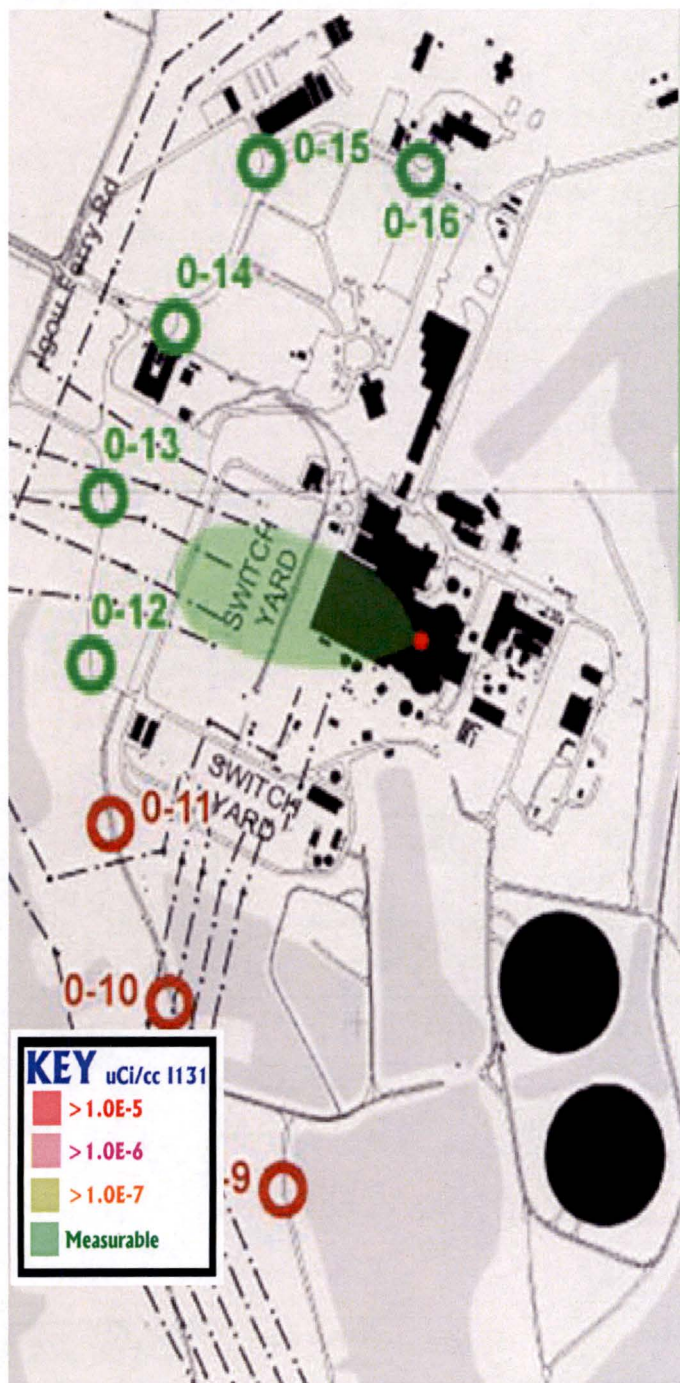
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				Air Concentrations		5 min Air Samp	
Miles	Sector	1 meter		Ground		1 meter		Ground		I131	Partic	I131	Partic
		open	closed	closed	open	open	closed	closed	open	uCi/cc	uCi/cc	cpm	cpm
0.10	WNW/293	3.6	1.2	1.3	2.0	<2.0	<2.0	<2.0	<2.0	2.2E-09	<2E-09	8.6E+01	<3.0E+1
0.25	WNW/285	1.3	0.4	0.4	0.7	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
0.50	WNW/293	0.5	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
0.62	WNW/285	0.3	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
0.75	WNW/293	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.00	WNW/285	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.25	WNW/293	0.1	0.03	0.03	0.04	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.50	WNW/285	0.1	0.02	0.02	0.03	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.00	WNW/285	0.03	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	WNW/293	0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-12		0.3	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		1.2	0.4	0.4	0.6	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-14		0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 3-5		0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



TVA ENVIRONMENTAL MONITORING POINT DATA

SQNP 1116-1130 (Eastern) 09/14/16

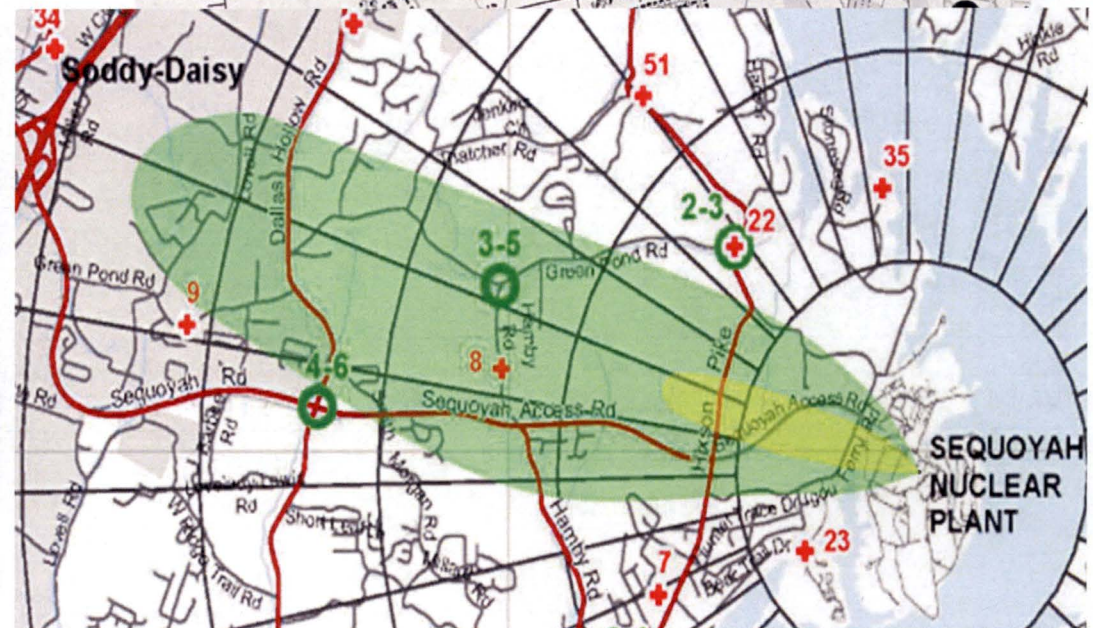
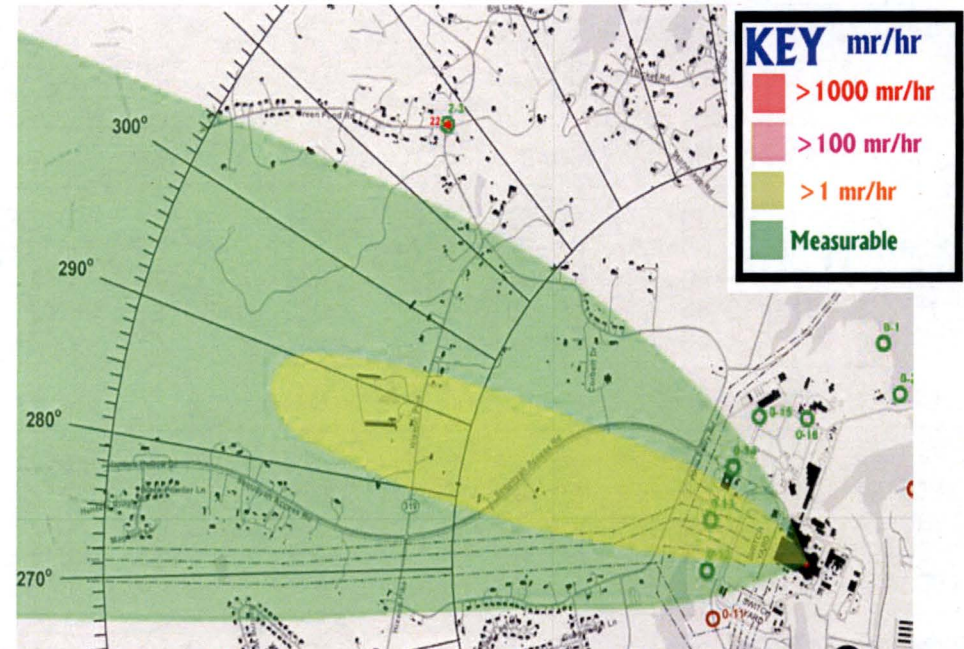
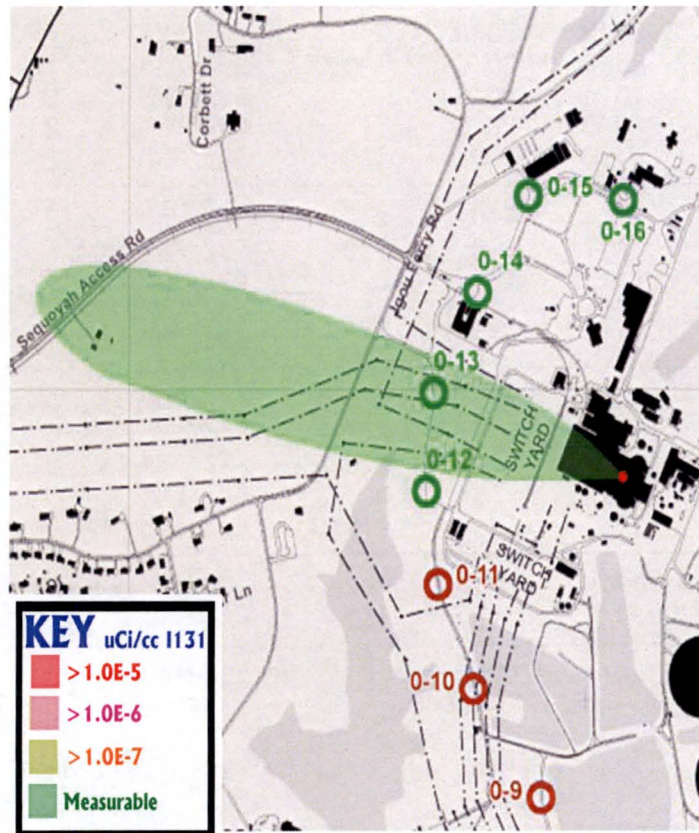
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				Air Concentrations		5 min Air Samp	
Miles	Sector	1 meter open	1 meter closed	Ground closed	Ground open	1 meter open	1 meter closed	Ground closed	Ground open	I131 uCi/cc	Partic uCi/cc	I131 cpm	Partic cpm
0.10	WNW/293	11.8	3.9	4.2	6.5	5.9	3.9	4.2	5.0	7.6E-09	<2E-09	2.9E+02	7.4E+01
0.25	WNW/285	4.2	1.4	1.4	2.2	2.1	<2.0	<2.0	<2.0	<2E-09	<2E-09	4.9E+01	<3.0E+1
0.50	WNW/293	1.6	0.5	0.5	0.8	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
0.62	WNW/285	1.1	0.4	0.4	0.5	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
0.75	WNW/293	0.8	0.3	0.3	0.4	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.00	WNW/285	0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.25	WNW/293	0.3	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.50	WNW/285	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.00	WNW/285	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	WNW/293	0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.00	WNW/285	0.1	0.02	0.02	0.04	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	WNW/285	0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-12		1.6	0.5	0.5	0.8	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		3.5	1.2	1.2	1.8	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	3.9E+01	<3.0E+1
LOC 0-14		0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 3-5		0.1	0.03	0.03	0.5	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



TVA ENVIRONMENTAL MONITORING POINT DATA

SQNP 1131-1145 (Eastern) 09/14/16

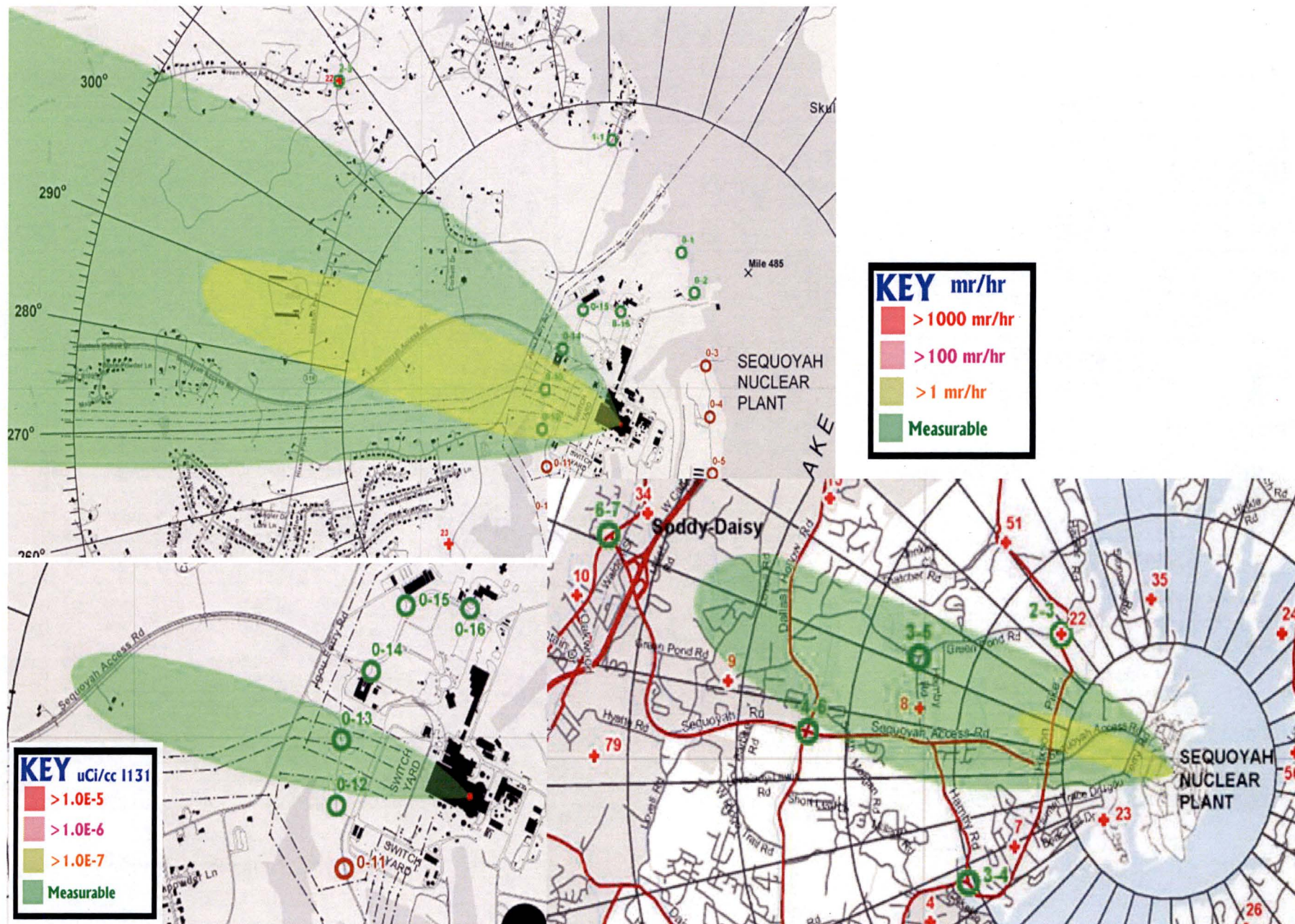
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				Air Concentrations		5 min Air Samp	
Miles	Sector	1 meter		Ground		1 meter		Ground		I131	Partic	I131	Partic
		Open	Closed	Closed	Open	Open	Closed	Closed	Open	uCi/cc	uCi/cc	cpm	cpm
0.10	WNW/293	46.6	15.5	17.9	28.1	23.3	15.5	17.9	22.2	6.5E-08	1.2E-08	2.5E+03	6.3E+02
0.25	WNW/285	19.0	6.3	6.8	10.5	9.5	6.3	6.8	8.1	1.3E-08	2.4E-09	5.0E+02	1.3E+02
0.50	WNW/293	9.8	3.3	3.4	5.2	4.9	3.3	3.4	4.0	4.1E-09	<2E-09	1.6E+02	4.0E+01
0.62	WNW/285	7.9	2.6	2.8	4.2	4.0	2.6	2.8	3.2	2.9E-09	<2E-09	1.1E+02	<3.0E+1
0.75	WNW/293	6.6	2.2	2.3	3.5	3.3	2.2	2.3	2.6	2.1E-09	<2E-09	8.2E+01	<3.0E+1
1.00	WNW/285	4.9	1.6	1.7	2.6	2.5	<2.0	<2.0	<2.0	<2E-09	<2E-09	5.1E+01	<3.0E+1
1.25	WNW/293	3.9	1.3	1.4	2.0	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	3.6E+01	<3.0E+1
1.50	WNW/285	3.2	1.1	1.1	1.7	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.00	WNW/285	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	WNW/293	0.3	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.00	WNW/285	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	WNW/285	0.1	0.03	0.03	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.75	WNW/293	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	WNW/285	0.1	0.03	0.03	0.06	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	WNW/293	0.1	0.02	0.02	0.04	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	WNW/285	0.05	<0.02	<0.02	0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-12		1.7	0.6	0.6	0.8	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		14.1	4.7	5.0	7.7	7.1	4.7	5.0	6.0	9.0E-09	<2E-09	3.4E+02	8.7E+01
LOC 0-14		0.9	0.3	0.3	0.5	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 3-5		0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 4-6		0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



TVA ENVIRONMENTAL MONITORING POINT DATA

SQNP 1146-1200 (Eastern) 09/14/16

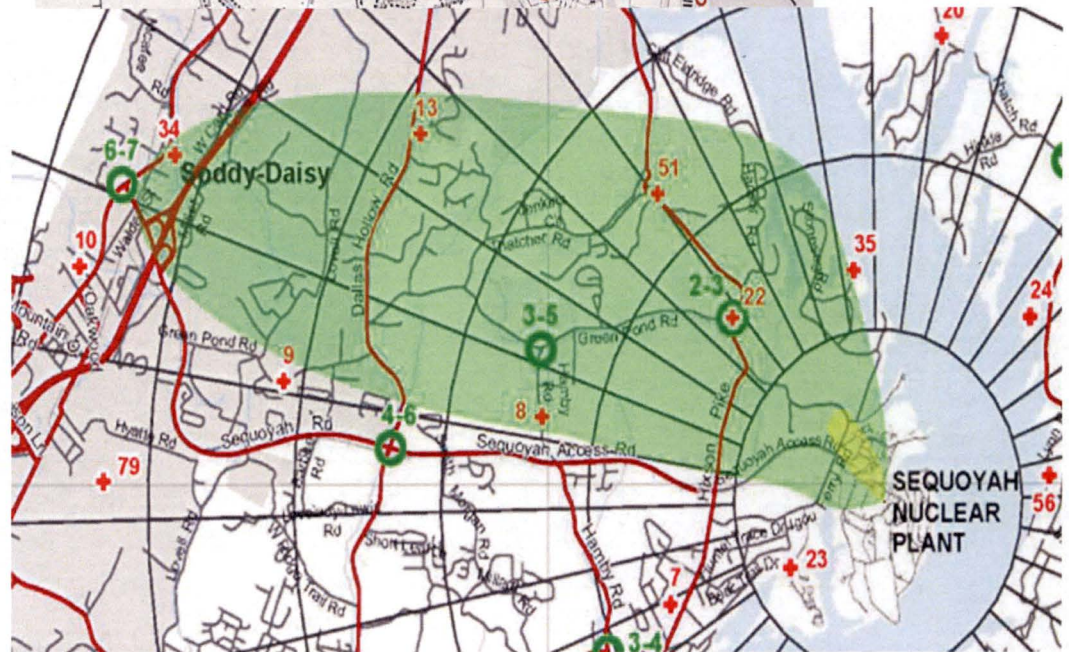
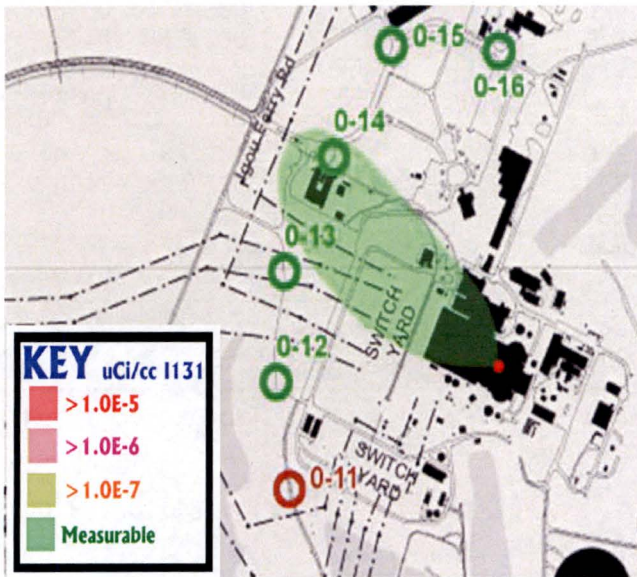
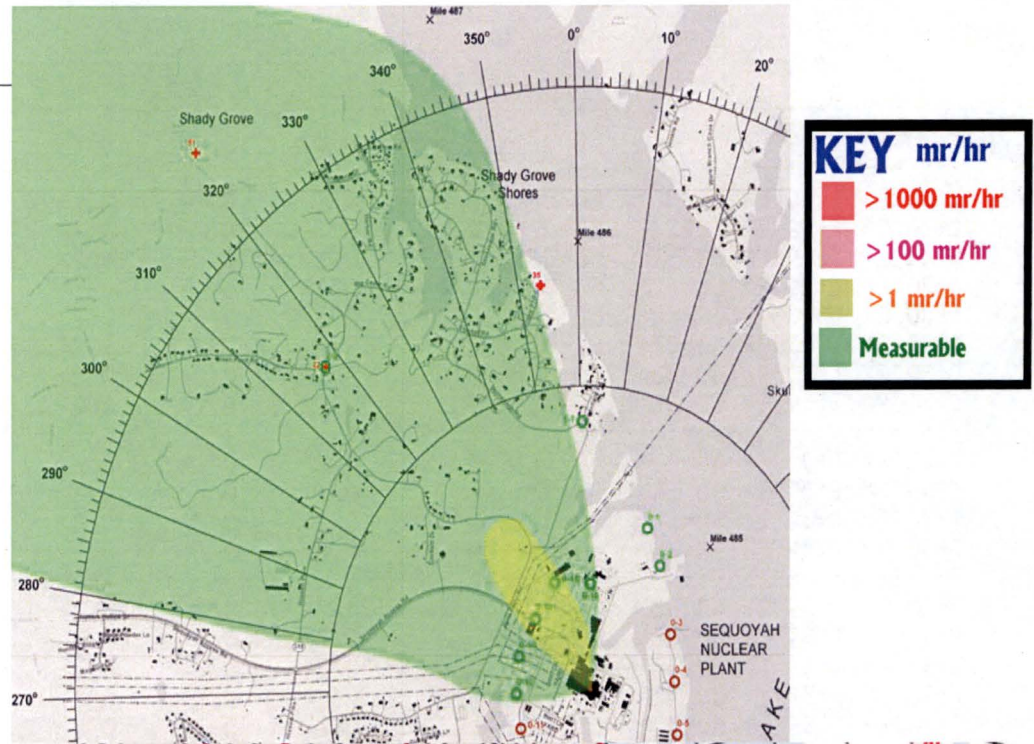
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				Air Concentrations		5 min Air Samp	
Miles	Sector	1 meter Open	1 meter Closed	Ground Closed	Ground Open	1 meter Open	1 meter Closed	Ground Closed	Ground Open	I131 uCi/cc	Partic uCi/cc	I131 cpm	Partic cpm
0.10	WNW/293	43.0	14.3	14.4	21.6	21.5	14.3	14.4	16.3	2.1E-09	<2E-09	7.9E+01	<3.0E+1
0.25	WNW/285	37.0	12.3	12.7	19.3	18.5	12.3	12.7	14.7	1.1E-08	<2E-09	4.1E+02	1.1E+02
0.50	WNW/293	23.4	7.8	8.0	12.2	11.7	7.8	8.0	9.3	6.6E-09	<2E-09	2.5E+02	6.4E+01
0.62	WNW/285	19.6	6.5	6.7	10.2	9.8	6.5	6.7	7.7	5.2E-09	<2E-09	2.0E+02	5.0E+01
0.75	WNW/293	16.6	5.5	5.7	8.6	8.3	5.5	5.7	6.5	4.1E-09	<2E-09	1.6E+02	3.9E+01
1.00	WNW/285	5.0	1.7	1.7	2.6	2.5	<2.0	<2.0	<2.0	<2E-09	<2E-09	3.9E+01	3.7E+01
1.25	WNW/293	3.8	1.3	1.3	2.0	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.50	WNW/285	2.9	1.0	1.0	1.5	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.00	WNW/285	1.6	0.5	0.5	0.8	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	WNW/293	1.0	0.3	0.4	0.5	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.00	WNW/285	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	WNW/285	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.75	WNW/293	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	WNW/285	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	WNW/293	0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	WNW/285	0.1	<0.02	<0.02	0.03	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.00	WNW/285	0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-12		3.0	1.0	1.0	1.5	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		22.2	7.4	7.5	11.2	11.1	7.4	7.5	8.4	2E-09	<2E-09	5.6E+01	<3.0E+1
LOC 3-5		0.5	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 4-6		0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 6-7		0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



TVA ENVIRONMENTAL MONITORING POINT DATA

SQNP 1201-1215 (Eastern) 09/14/16

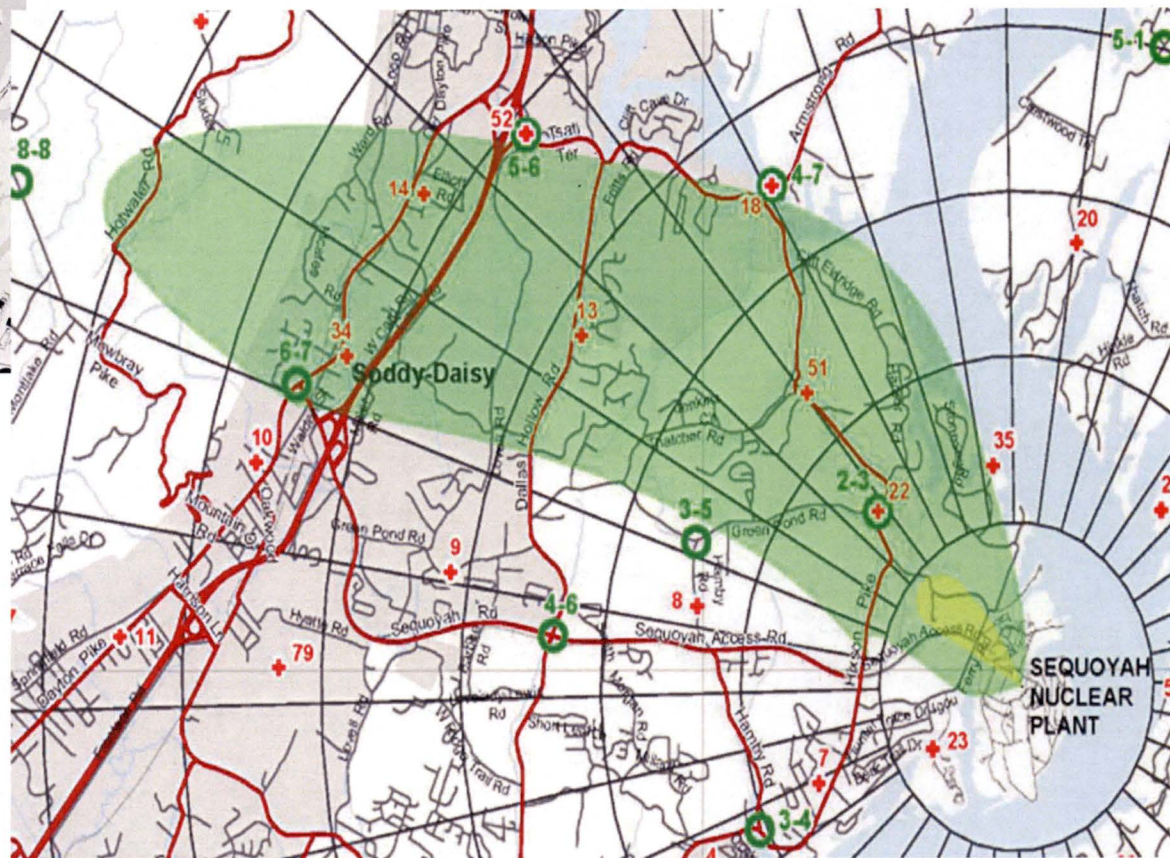
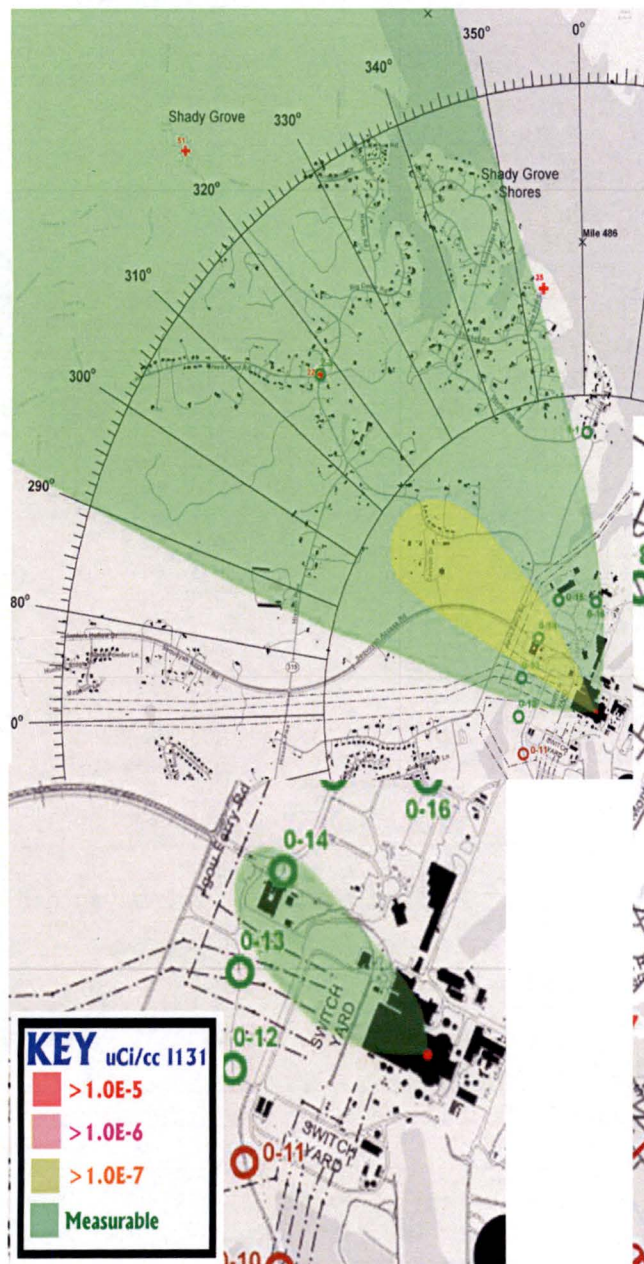
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				Air Concentrations		5 min Air Samp	
Miles	Sector	1 meter open	1 meter closed	Ground closed	Ground open	1 meter open	1 meter closed	Ground closed	Ground open	I131 uCi/cc	Partic uCi/cc	I131 cpm	Partic cpm
0.10	NW/323	38.6	12.9	13.9	21.4	19.3	12.9	13.9	16.5	2.9E-08	5.3E-09	1.1E+03	2.8E+02
0.25	NNW/330	13.7	4.6	4.8	7.2	6.9	4.6	4.8	5.5	4.9E-09	<2E-09	1.9E+02	4.8E+01
0.50	NW/323	5.0	1.7	1.7	2.6	2.5	<2.0	<2.0	<2.0	<2E-09	<2E-09	4.1E+01	<3.0E+1
0.62	WNW/285	3.9	1.3	1.3	2.0	<2.0	<2.0	<2.0	<2.0	<2E-09	5.2E-09	<3.5E+1	2.7E+02
0.75	NW/323	2.4	0.8	0.8	1.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.00	NW/315	2.2	0.7	0.7	1.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	6.1E+01
1.25	NW/308	1.5	0.5	0.5	0.8	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	8.7E+01
1.50	WNW/300	1.1	0.4	0.4	0.6	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	3.8E+01
2.00	WNW/300	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	3.1E+01
2.50	NW/308	0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.00	WNW/300	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	WNW/300	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.75	WNW/293	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	WNW/300	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	WNW/293	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	WNW/293	0.1	0.03	0.03	0.06	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.00	WNW/285	0.05	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.25	WNW/289	0.05	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.00	WNW/296	0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-12		0.1	0.02	0.02	0.04	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		0.9	0.3	0.3	0.4	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-14		6.8	2.3	2.3	3.5	3.4	2.3	2.3	2.7	2.1E-09	<2E-09	8.0E+01	<3.0E+1
LOC 0-15		4.1	1.4	1.4	2.1	2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	3.9E+01	<3.0E+1
LOC 0-16		0.9	0.3	0.3	0.4	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 2-3		0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 3-5		0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 6-7		0.02	<0.02	<0.02	0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



TVA ENVIRONMENTAL MONITORING POINT DATA

SQNP 1216-1230 (Eastern) 09/14/16

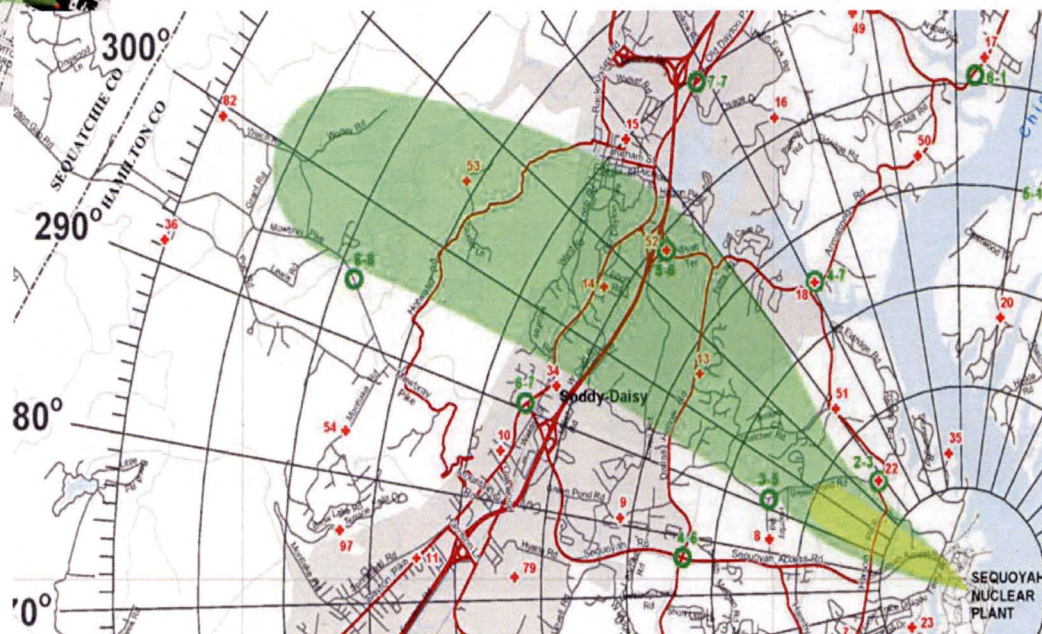
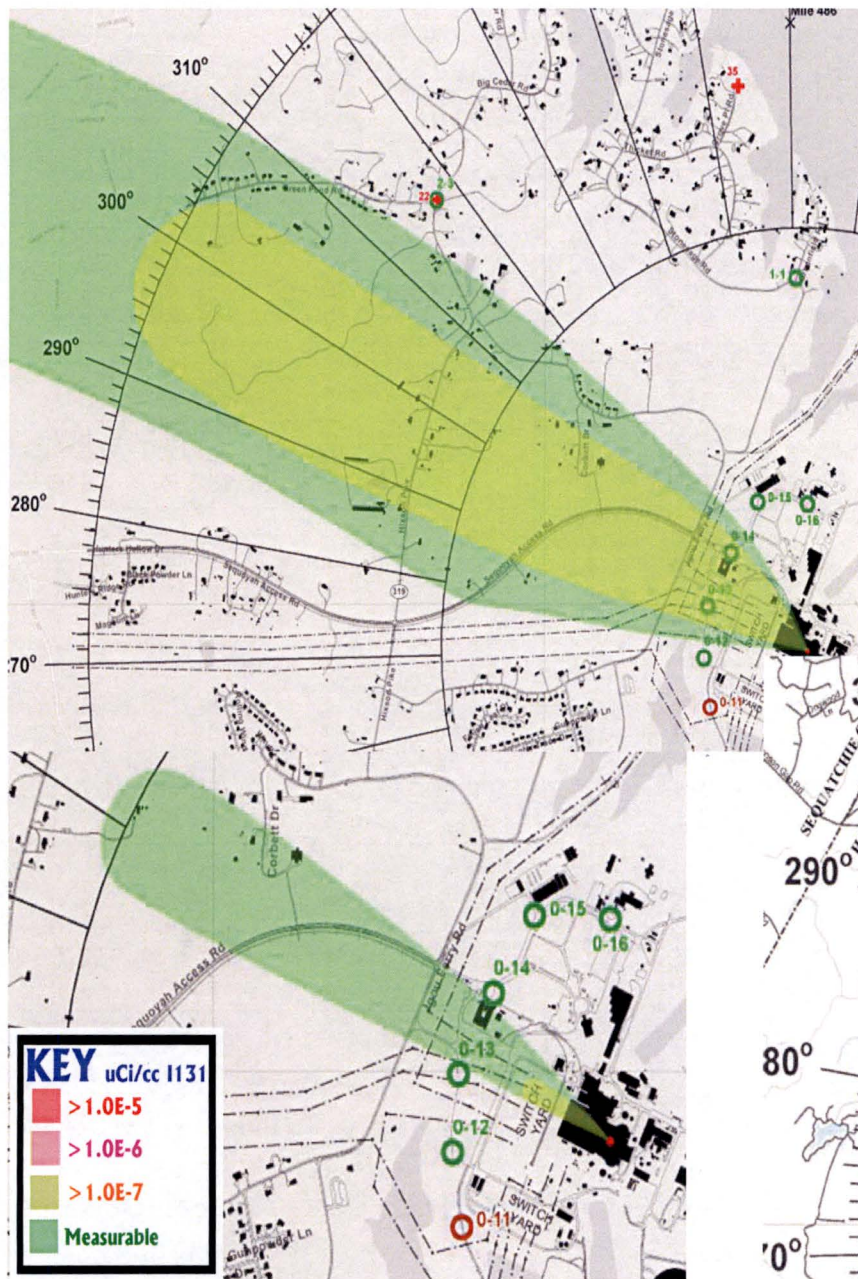
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				Air Concentrations		5 min Air Samp	
Miles	Sector	1 meter		Ground		1 meter		Ground		I131	Partic	I131	Partic
		open	closed	closed	open	open	closed	closed	open	uCi/cc	uCi/cc	cpm	cpm
0.10	NW/308	35.1	11.7	13.1	20.3	17.5	11.7	13.1	15.9	3.9E-08	7.1E-09	1.5E+03	3.8E+02
0.25	WNW/300	13.3	4.4	4.7	7.1	6.6	4.4	4.7	5.5	7.0E-09	<2E-09	2.7E+02	6.8E+01
0.50	NW/308	6.1	2.0	2.1	3.2	3.1	2.0	2.1	2.4	<2E-09	<2E-09	7.5E+01	<3.0E+1
0.62	WNW/300	4.8	1.6	1.6	2.5	2.4	<2.0	<2.0	<2.0	<2E-09	<2E-09	5.1E+01	<3.0E+1
0.75	NW/308	3.8	1.3	1.3	2.0	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	3.7E+01	<3.0E+1
1.00	WNW/300	2.7	0.9	0.9	1.4	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.25	NW/308	0.7	0.7	0.7	0.7	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.50	WNW/300	1.6	0.5	0.5	0.8	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.00	NW/315	0.4	0.4	0.4	0.4	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	NW/308	0.9	0.3	0.3	0.4	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.00	NW/315	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	NW/315	0.2	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.75	NW/308	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	NW/315	0.7	0.2	0.2	0.4	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	NW/308	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	NW/308	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.00	WNW/300	0.1	0.03	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.25	NW/304	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.00	WNW/296	0.1	0.02	0.02	0.04	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.50	WNW/300	0.04	<0.02	<0.02	0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.00	WNW/296	0.03	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.75	WNW/296	0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		2.3	0.8	0.8	1.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-14		7.1	2.4	2.5	3.8	3.6	2.4	2.5	2.9	3.0E-09	<2E-09	1.2E+02	<3.0E+1
LOC 0-15		0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-16		0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 2-3		0.8	0.3	0.3	0.4	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 4-7		0.1	<0.02	<0.02	0.03	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 6-7		0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 8-8		0.04	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



TVA ENVIRONMENTAL MONITORING POINT DATA

SQNP 1231-1245 (Eastern) 09/14/16

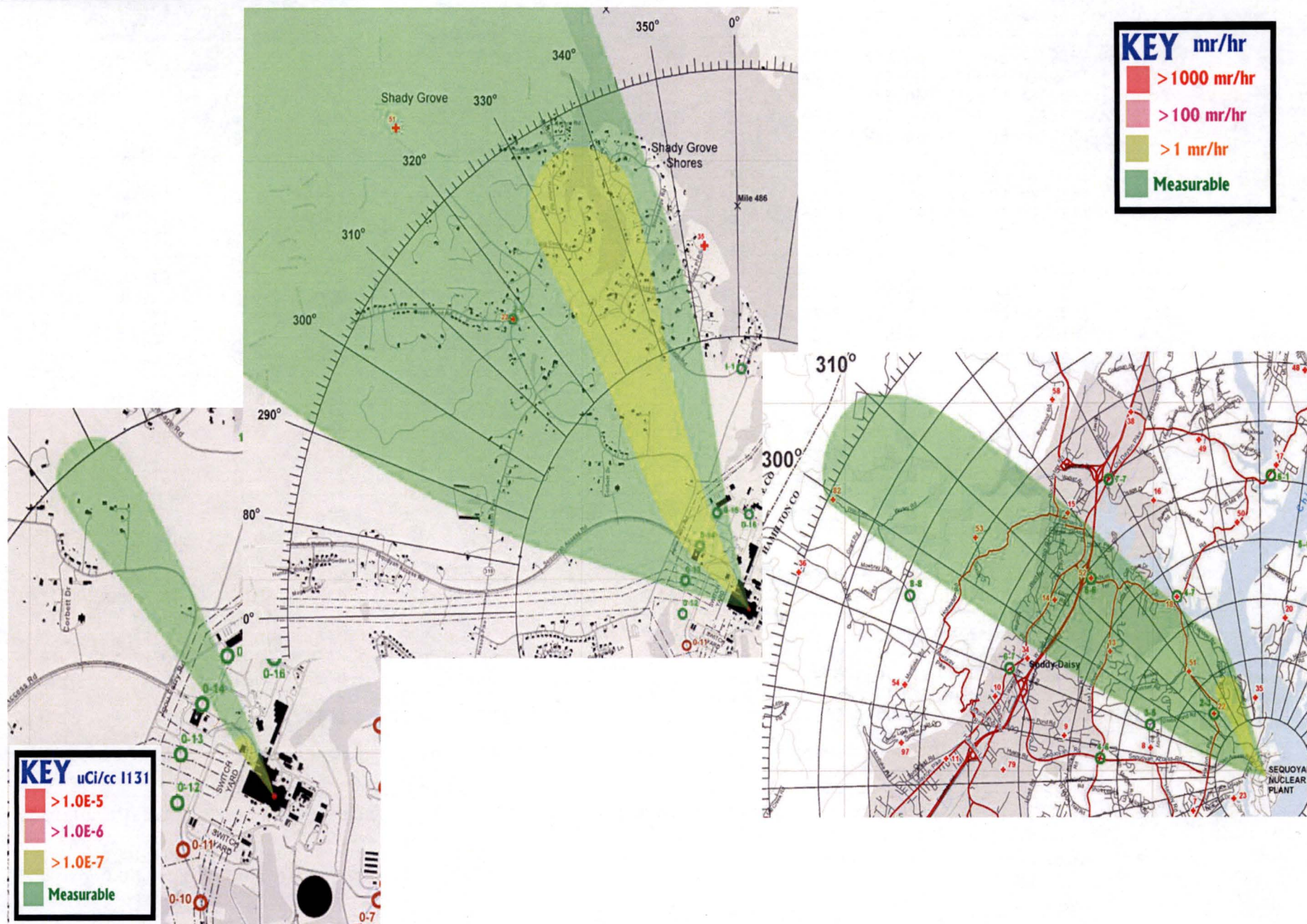
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				Air Concentrations		5 min Air Samp	
Miles	Sector	1 meter		Ground		1 meter		Ground		I131	Partic	I131	Partic
		open	closed	closed	open	open	closed	closed	open	uCi/cc	uCi/cc	cpm	cpm
0.10	NW/308	59.6	19.9	23.4	36.8	29.8	19.9	23.4	29.4	1.0E-07	1.8E-08	3.8E+03	9.7E+02
0.25	WNW/300	24.0	8.0	8.7	13.4	12.0	8.0	8.7	10.4	2.0E-08	3.7E-09	7.8E+02	2.0E+02
0.50	NW/308	12.4	4.1	4.3	6.6	6.2	4.1	4.3	5.1	6.4E-09	<2E-09	2.4E+02	6.2E+01
0.62	WNW/300	9.9	3.3	3.5	5.3	5.0	3.3	3.5	4.0	4.4E-09	<2E-09	1.7E+02	4.3E+01
0.75	NW/308	8.3	2.8	2.9	4.4	4.2	2.8	2.9	3.3	3.3E-09	<2E-09	1.3E+02	3.2E+01
1.00	WNW/300	6.2	2.1	2.1	3.2	3.1	2.1	2.1	2.5	2.1E-09	<2E-09	7.9E+01	<3.0E+1
1.25	NW/308	4.9	1.6	1.7	2.6	2.5	<2.0	<2.0	<2.0	<2E-09	<2E-09	5.6E+01	<3.0E+1
1.50	WNW/300	4.0	1.3	1.4	2.1	2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	4.1E+01	<3.0E+1
2.00	WNW/300	2.9	1.0	1.0	1.5	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	NW/308	1.4	0.5	0.5	0.7	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.00	WNW/300	1.0	0.3	0.3	0.5	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	WNW/300	0.3	0.3	0.3	0.3	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.75	NW/308	1.4	0.4	0.5	0.7	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	NW/315	0.7	0.2	0.3	0.4	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	NW/308	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	NW/308	0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.00	NW/308	0.7	0.2	0.2	0.4	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.25	NW/304	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.00	NW/304	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.50	WNW/300	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.00	NW/304	0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.75	NW/304	0.1	0.03	0.03	0.04	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
9.00	WNW/300	0.1	0.02	0.02	0.03	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
10.00	WNW/300	0.03	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		3.5	1.1	1.2	1.8	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-14		3.6	1.2	1.2	1.8	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 2-3		0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 5-6		0.3	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 8-8		0.03	<0.02	<0.02	0.03	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



TVA ENVIRONMENTAL MONITORING POINT DATA

SQNP 1246-1300 (Eastern) 09/14/16

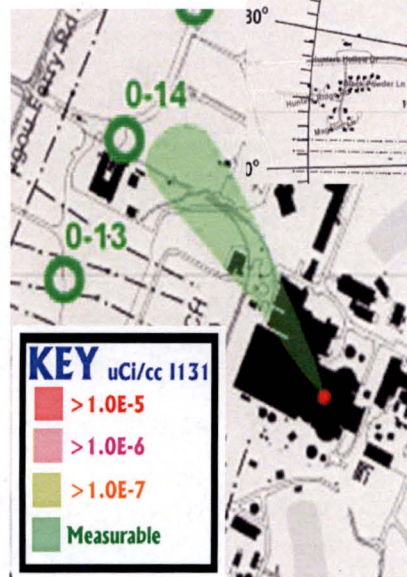
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				Air Concentrations		5 min Air Samp	
Miles	Sector	1 meter open	1 meter closed	Ground closed	Ground open	1 meter open	1 meter closed	Ground closed	Ground open	I131 uCi/cc	Partic uCi/cc	I131 cpm	Partic cpm
0.10	NW/323	57.4	19.1	22.6	35.7	28.7	19.1	22.6	28.5	1.0E-07	1.8E-08	3.8E+03	9.8E+02
0.25	NNW/330	23.3	7.8	8.5	13.1	11.6	7.8	8.5	10.2	2.1E-08	3.8E-09	7.9E+02	2.0E+02
0.50	NW/323	11.9	3.9	4.2	6.4	5.9	3.9	4.2	4.9	6.4E-09	<2E-09	2.5E+02	6.2E+01
0.62	NNW/330	9.7	3.2	3.4	5.1	4.8	3.2	3.4	3.9	4.5E-09	<2E-09	1.7E+02	4.4E+01
0.75	NW/323	8.0	2.6	2.8	4.2	4.0	2.6	2.8	3.2	3.3E-09	<2E-09	1.3E+02	3.2E+01
1.00	NNW/330	6.0	2.0	2.1	3.1	3.0	<2.0	2.1	2.4	2.1E-09	<2E-09	8.1E+01	<3.0E+1
1.25	NW/323	4.7	1.6	1.6	2.5	2.4	<2.0	<2.0	<2.0	<2E-09	<2E-09	5.6E+01	<3.0E+1
1.50	NNW/330	3.9	1.3	1.3	2.0	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	4.3E+01	<3.0E+1
2.00	NNW/330	2.9	0.9	1.0	1.5	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	NW/323	0.8	0.3	0.3	0.4	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	3.2E+01
3.00	NW/315	0.5	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	NW/315	0.7	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.75	NW/308	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	NW/315	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	NW/308	0.5	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	NW/315	0.5	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.00	NW/308	0.2	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.25	NW/311	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.00	NW/311	0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.50	NW/315	0.1	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.00	NW/311	0.1	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.75	NW/311	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
9.00	NW/308	0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
10.00	NW/308	0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-14		4.1	1.4	1.4	2.1	2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	4.1E+01	<3.0E+1
LOC 0-15		1.5	0.5	0.5	0.8	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 2-3		1.1	0.4	0.4	0.6	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 5-6		0.03	0.02	0.02	0.03	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



TVA ENVIRONMENTAL MONITORING POINT DATA

SQNP 1301-1315 (Eastern) 09/14/16

Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				Air Concentrations		5 min Air Samp	
Miles	Sector	1 meter Open	1 meter closed	Ground closed	Ground open	1 meter Open	1 meter closed	Ground closed	Ground open	I131 uCi/cc	Partic uCi/cc	I131 cpm	Partic cpm
0.10	NW/323	21.5	7.2	7.8	12.0	10.7	7.2	7.8	9.4	1.9E-08	3.5E-09	7.3E+02	1.8E+02
0.25	NNW/330	7.5	2.5	2.6	4.0	3.8	2.5	2.6	3.0	3.2E-09	<2E-09	1.2E+02	3.1E+01
0.50	NW/323	2.7	0.9	0.9	1.4	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
0.62	NNW/330	1.9	0.6	0.6	1.0	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
0.75	NW/323	1.3	0.4	0.4	0.7	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.00	NNW/330	0.7	0.2	0.2	0.4	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.25	NW/323	0.5	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.50	NNW/330	0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.00	NNW/330	1.5	0.5	0.5	0.8	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	NW/323	0.3	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.00	NNW/330	0.3	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	NNW/330	0.3	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.75	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	NW/315	0.3	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.00	NW/308	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.25	NW/319	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.00	NW/311	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.50	NW/315	0.1	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.00	NW/311	0.1	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.75	NW/311	0.3	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
9.00	NW/315	0.3	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
10.00	NW/315	0.1	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-14		3.8	1.3	1.3	2.0	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	5.4E+01	<3.0E+1
LOC 0-15		2.3	0.8	0.8	1.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-16		0.5	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 2-3		0.3	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 4-7		0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 5-6		0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



TVA ENVIRONMENTAL MONITORING POINT DATA

SQNP 1316-1330 (Eastern) 09/14/16

Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				Air Concentrations		5 min Air Samp	
Miles	Sector	1 meter		Ground		1 meter		Ground		I131	Partic	I131	Partic
		open	closed	closed	open	open	closed	closed	open	uci/cc	uci/cc	cpm	cpm
0.10	NW/308	39.6	13.2	14.9	23.3	19.8	13.2	14.9	18.3	5.1E-08	9.4E-09	1.9E+03	5.0E+02
0.25	NW/315	14.7	4.9	5.2	8.0	7.3	4.9	5.2	6.1	9.0E-09	<2E-09	3.5E+02	8.8E+01
0.50	NW/308	6.8	2.3	2.3	3.6	3.4	2.3	2.3	2.7	2.6E-09	<2E-09	9.9E+01	<3.0E+1
0.62	NW/315	5.2	1.7	1.8	2.7	2.6	<2.0	<2.0	2.1	<2E-09	<2E-09	6.7E+01	<3.0E+1
0.75	NW/308	4.2	1.4	1.4	2.2	2.1	<2.0	<2.0	<2.0	<2E-09	<2E-09	4.8E+01	<3.0E+1
1.00	NW/315	2.9	1.0	1.0	1.5	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.25	NW/308	2.2	0.7	0.8	1.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.50	NW/315	1.7	0.6	0.6	0.9	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.00	NW/315	0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	NW/323	0.3	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.00	NW/315	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	NW/315	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.75	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	NW/315	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.00	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.25	NW/319	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.00	NW/319	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.50	NW/315	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.00	NW/319	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.75	NW/311	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
9.00	NW/315	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
10.00	NW/315	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		1.1	0.4	0.4	0.6	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-14		12.4	4.1	4.4	6.7	6.2	4.1	4.4	5.1	6.8E-09	<2E-09	2.6E+02	6.7E+01
LOC 0-15		0.7	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-16		0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 2-3		1.3	0.4	0.4	0.7	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 4-7		0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 5-6		0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



TVA ENVIRONMENTAL MONITORING POINT DATA

SQNP 1331-1345 (Eastern) 09/14/16

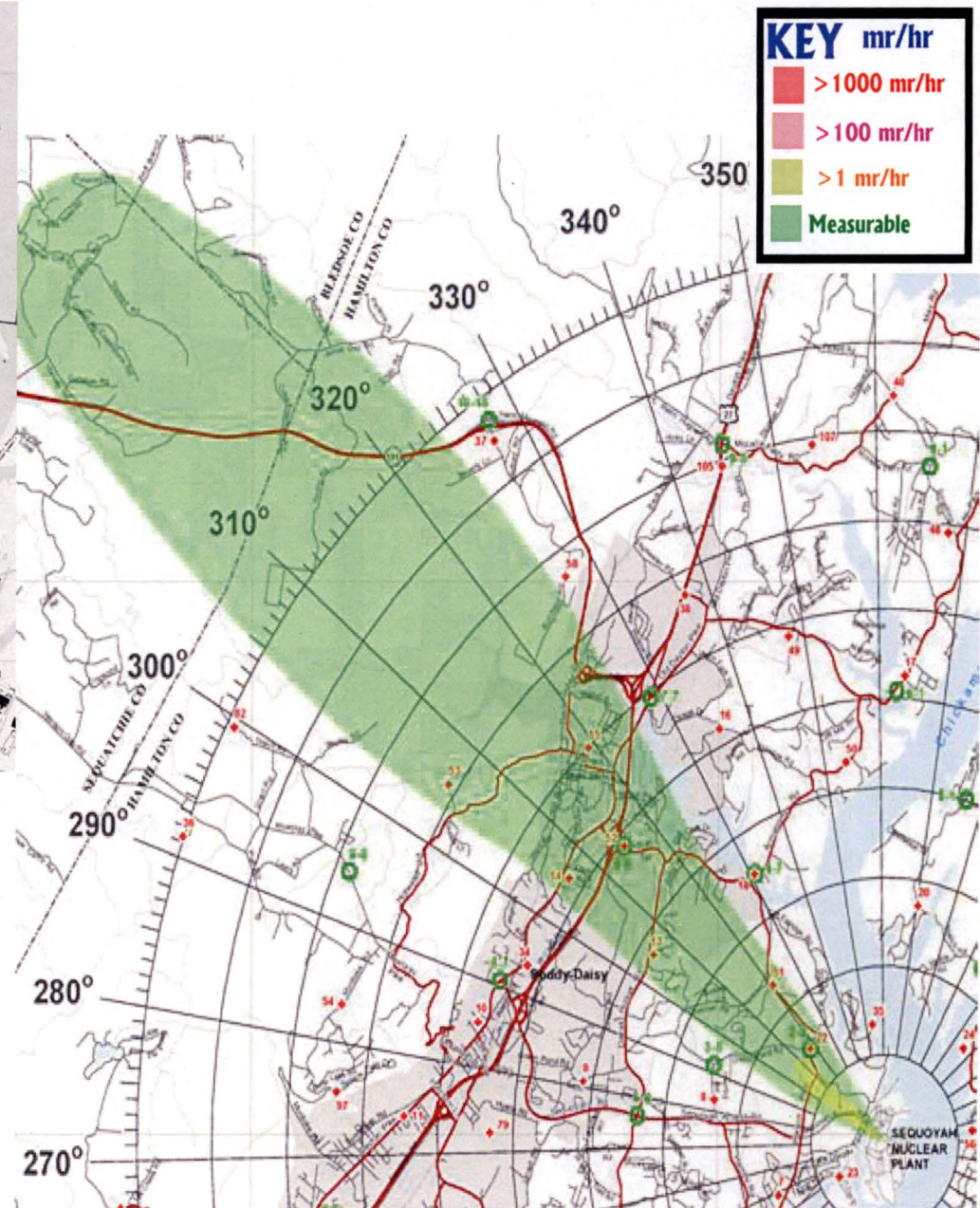
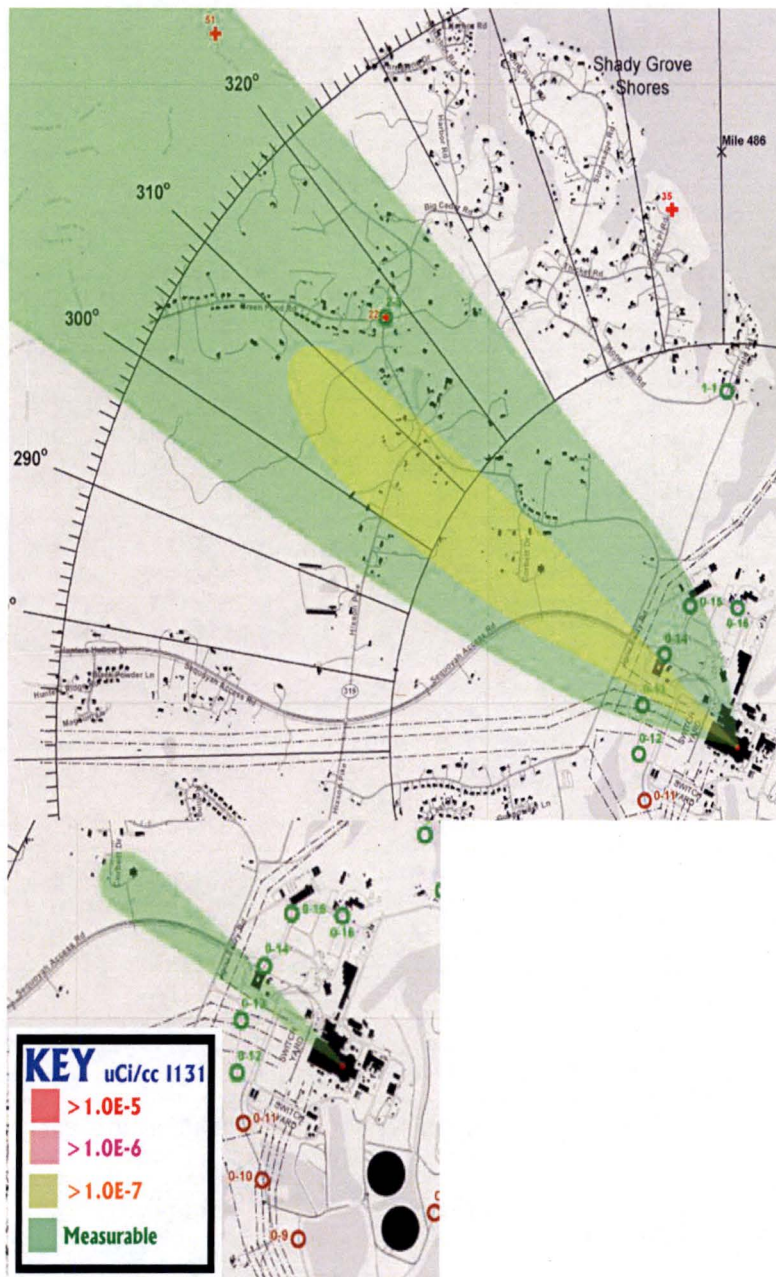
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				Air Concentrations		5 min Air Samp	
Miles	Sector	1 meter open	1 meter closed	Ground closed	Ground open	1 meter open	1 meter closed	Ground closed	Ground open	I131 uCi/cc	Partic uCi/cc	I131 cpm	Partic cpm
0.10	NW/323	44.2	14.7	16.6	25.9	22.1	14.7	16.6	20.3	5.6E-08	1.0E-08	2.1E+03	5.4E+02
0.25	NW/315	16.4	5.5	5.8	8.8	8.2	5.5	5.8	6.8	9.9E-09	<2E-09	3.8E+02	9.7E+01
0.50	NW/323	7.5	2.5	2.6	3.9	3.8	2.5	2.6	3.0	2.9E-09	<2E-09	1.1E+02	<3.0E+1
0.62	NW/315	5.8	1.9	2.0	3.0	2.9	<2.0	<2.0	2.3	<2E-09	<2E-09	7.4E+01	<3.0E+1
0.75	NW/323	4.6	1.5	1.6	2.4	2.3	<2.0	<2.0	<2.0	<2E-09	<2E-09	5.4E+01	<3.0E+1
1.00	NW/315	3.2	1.0	1.1	1.6	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.25	NW/323	1.9	0.6	0.7	1.0	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.50	NW/315	1.5	0.5	0.5	0.8	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.00	NW/315	1.0	0.3	0.3	0.5	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	NW/308	0.7	0.2	0.2	0.4	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.00	NW/315	0.3	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	NW/315	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.75	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	NW/315	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.00	NW/323	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.25	NW/319	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.00	NW/319	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.50	NW/315	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.00	NW/319	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.75	NW/319	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
9.00	NW/315	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
10.00	NW/315	0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		1.1	0.4	0.4	0.6	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-14		12.9	4.3	4.5	6.9	6.5	4.3	4.5	5.3	7.0E-09	<2E-09	2.7E+02	6.8E+01
LOC 0-15		1.0	0.3	0.3	0.5	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 2-3		1.3	0.4	0.4	0.7	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 4-7		0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 5-6		0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 7-7		0.03	<0.02	<0.02	0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



TVA ENVIRONMENTAL MONITORING POINT DATA

SQNP 1346-1400 (Eastern) 09/14/16

Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				Air Concentrations		5 min Air Samp	
Miles	Sector	1 meter open	1 meter closed	Ground closed	Ground open	1 meter open	1 meter closed	Ground closed	Ground open	I131 uci/cc	Partic uci/cc	I131 cpm	Partic cpm
0.10	NW/308	43.2	14.4	17.4	27.6	21.6	14.4	17.4	22.2	8.9E-08	1.7E-08	3.4E+03	8.8E+02
0.25	WNW/300	17.1	5.7	6.3	9.8	8.6	5.7	6.3	7.6	1.8E-08	3.4E-09	7.0E+02	1.8E+02
0.50	NW/308	8.8	2.9	3.1	4.8	4.4	2.9	3.1	3.7	5.7E-09	<2E-09	2.2E+02	5.5E+01
0.62	WNW/300	7.1	2.3	2.5	3.8	3.5	2.3	2.5	2.9	4.0E-09	<2E-09	1.5E+02	3.9E+01
0.75	NW/308	5.9	1.9	2.0	3.1	2.9	<2.0	2.0	2.4	2.9E-09	<2E-09	1.1E+02	<3.0E+1
1.00	WNW/300	4.3	1.4	1.5	2.3	2.2	<2.0	<2.0	<2.0	<2E-09	<2E-09	7.1E+01	<3.0E+1
1.25	NW/308	4.5	1.5	1.6	2.4	2.3	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	3.7E+01
1.50	WNW/300	3.6	1.2	1.2	1.9	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.00	WNW/300	2.5	0.8	0.8	1.3	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	NW/308	1.2	0.4	0.4	0.6	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	4.0E+01
3.00	WNW/300	1.2	0.4	0.4	0.6	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	3.2E+01
3.50	NW/315	1.0	0.3	0.3	0.5	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.75	NW/308	0.5	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	WNW/300	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	NW/308	0.4	0.1	0.2	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	NW/308	0.5	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.00	NW/308	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.25	NW/311	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.00	NW/311	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.50	NW/315	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.00	NW/311	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.75	NW/319	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
9.00	NW/315	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
10.00	NW/315	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		2.4	0.8	0.8	1.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-14		2.5	0.8	0.9	1.3	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-15		0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 2-3		0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 5-6		0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



18 Plume Package - State

STATE ENVIRONMENTAL MONITORING DATA

SQNP 1046-1100 (Eastern) 09/14/16

Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				ur Meter Reading (ur/hr)		Air Concentrations		15 min Air Samp	
Miles	Sector	1 meter open	1 meter closed	Ground closed	Ground open	1 meter open	1 meter closed	Ground closed	Ground open	1 meter closed	Ground closed	I131 uCi/cc	Partic uCi/cc	I131 cpm	Partic cpm
0.10	WNW/293	0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1

STATE ENVIRONMENTAL MONITORING DATA

SQNP 1101-1115 (Eastern) 09/14/16

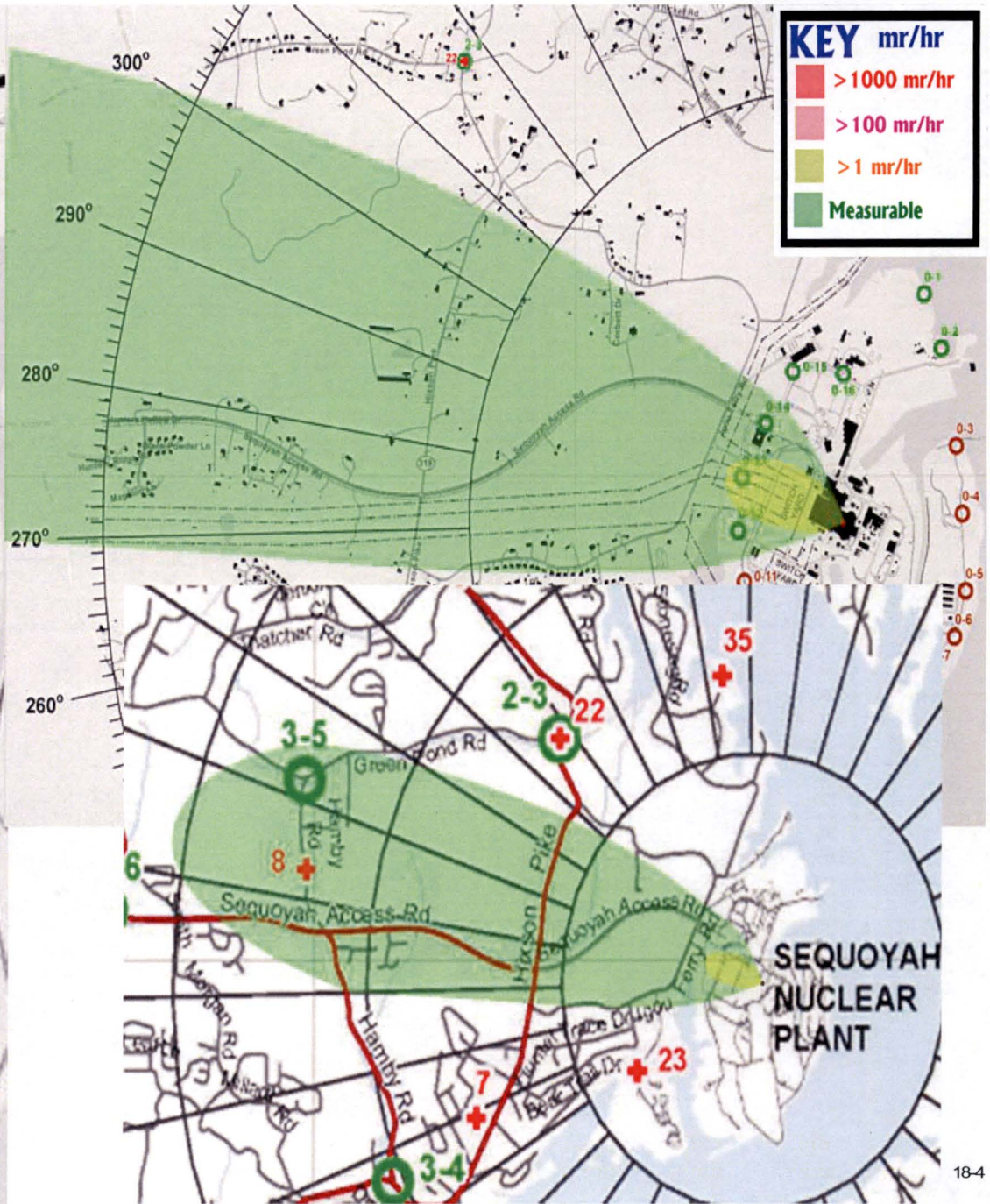
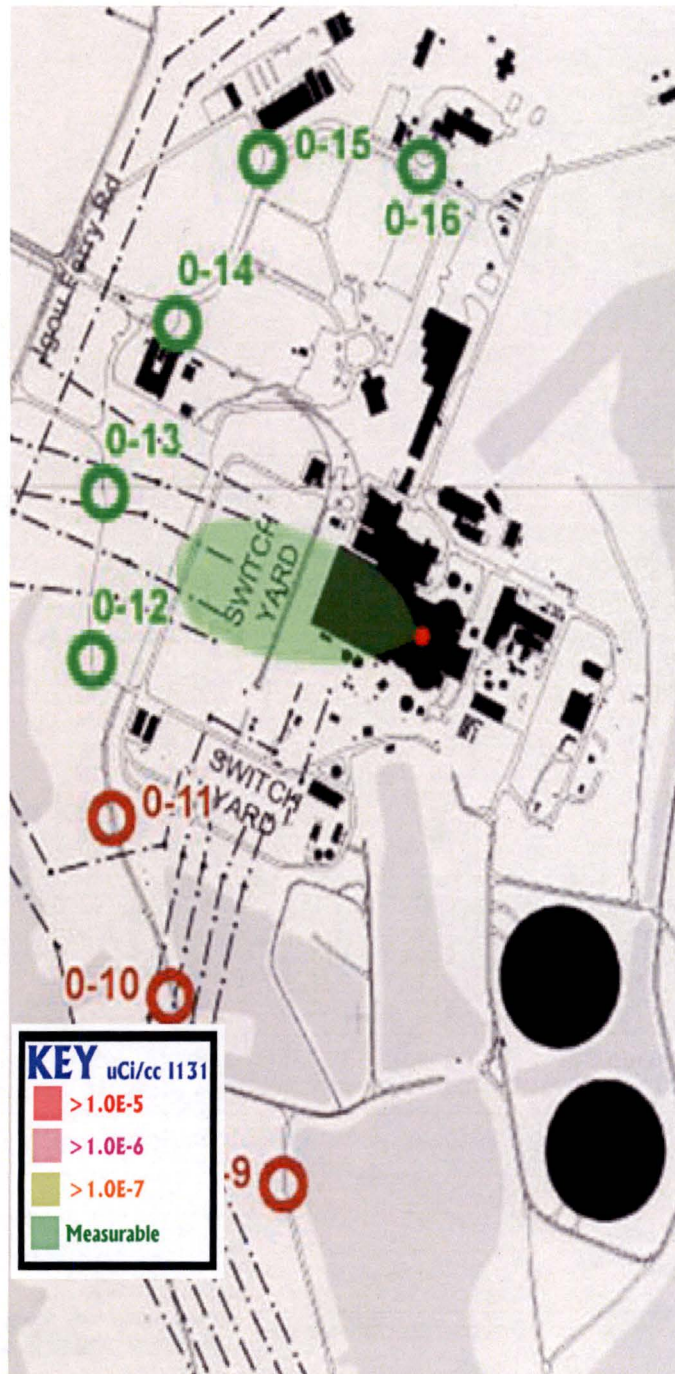
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				ur Meter Reading (ur/hr)		Air Concentrations		15 min Air Samp	
Miles	Sector	1 meter open	1 meter closed	Ground closed	Ground open	1 meter open	1 meter closed	Ground closed	Ground open	1 meter closed	Ground closed	I131 uCi/cc	Partic uCi/cc	I131 cpm	Partic cpm
0.10	WNW/293	3.6	1.2	1.3	2.0	<2.0	<2.0	<2.0	<2.0	1.2E+03	1.3E+03	2.2E-09	<2E-09	1.1E+02	5.4E+01
0.25	WNW/285	1.3	0.4	0.4	0.7	<2.0	<2.0	<2.0	<2.0	4.3E+02	4.5E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
0.50	WNW/293	0.5	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	1.6E+02	1.6E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
0.62	WNW/285	0.3	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	1.1E+02	1.1E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
0.75	WNW/293	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	8.0E+01	8.1E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.00	WNW/285	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	4.5E+01	4.6E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.25	WNW/293	0.1	0.03	0.03	0.04	<2.0	<2.0	<2.0	<2.0	2.9E+01	3.0E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.50	WNW/285	0.1	0.02	0.02	0.03	<2.0	<2.0	<2.0	<2.0	2.2E+01	2.3E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.00	WNW/285	0.03	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	WNW/293	0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	1.0E+01	1.0E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-12		0.3	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	1.1E+02	1.1E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		1.2	0.4	0.4	0.6	<2.0	<2.0	<2.0	<2.0	3.9E+02	4.0E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-14		0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	5.2E+01	5.2E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 3-5		0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	8.2E+00	8.3E+00	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



STATE ENVIRONMENTAL MONITORING DATA

SQNP 1116-1130 (Eastern) 09/14/16

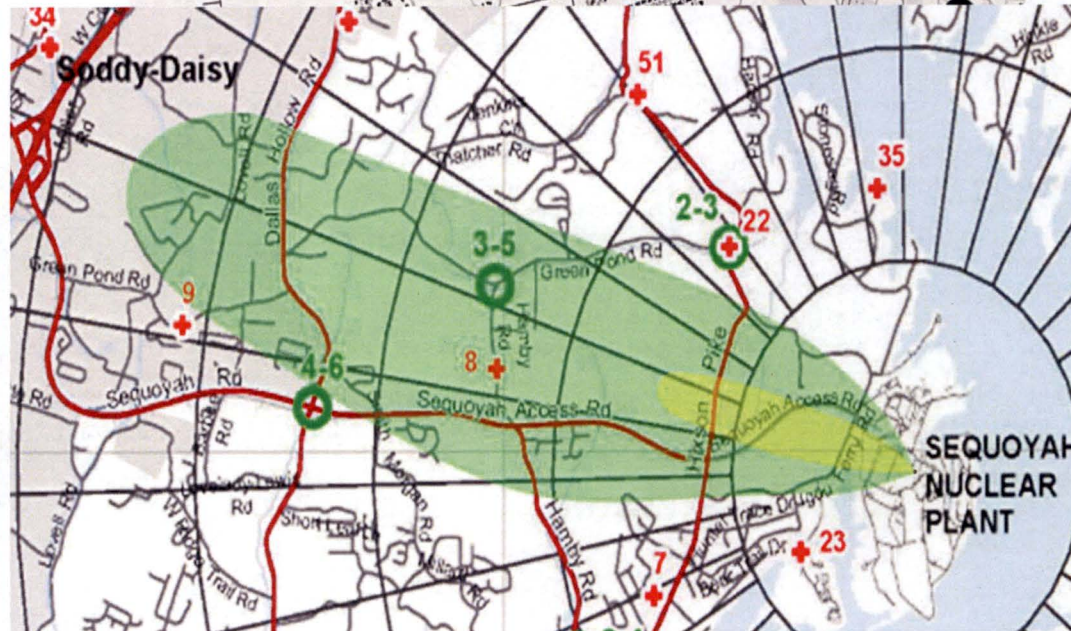
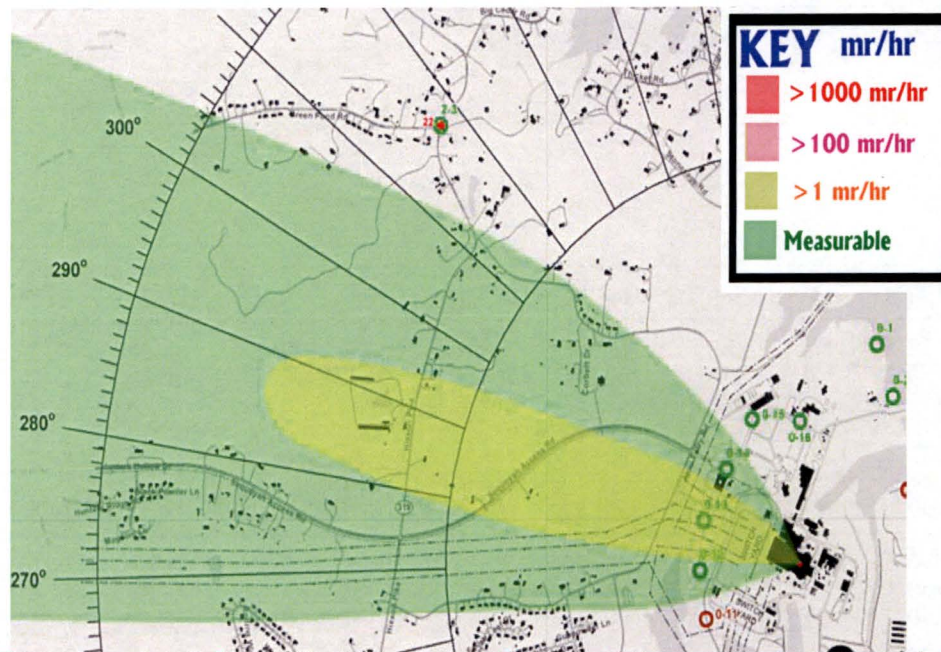
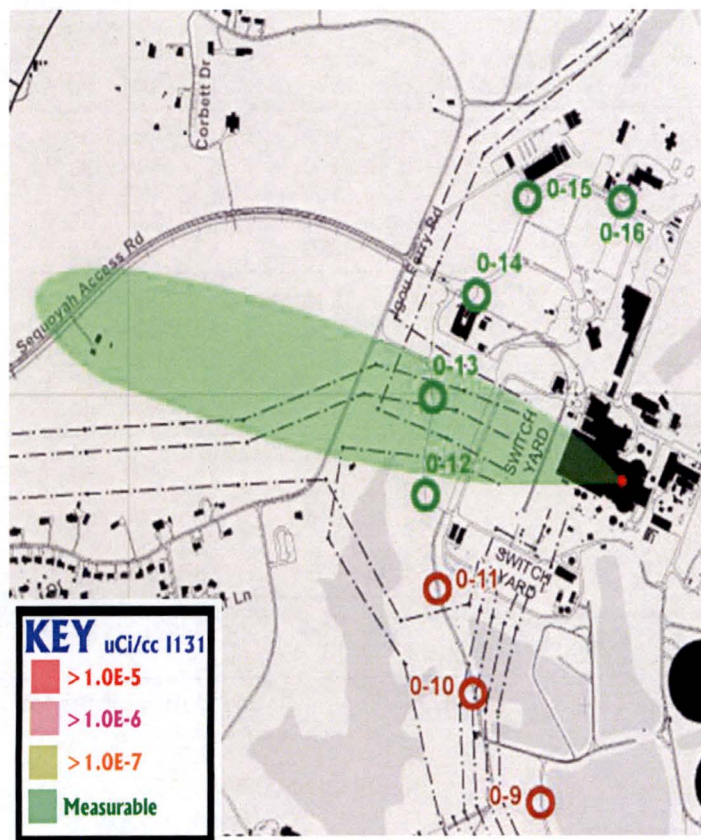
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				ur Meter Reading (ur/hr)		Air Concentrations		15 min Air Samp	
Miles	Sector	1 meter Open	1 meter Closed	Ground closed	Ground open	1 meter open	1 meter closed	Ground closed	Ground open	1 meter closed	Ground closed	I131 uCi/cc	Partic uCi/cc	I131 cpm	Partic cpm
0.10	WNW/293	11.8	3.9	4.2	6.5	5.9	3.9	4.2	5.0	>3000.0	>3000.0	7.6E-09	<2E-09	3.8E+02	1.8E+02
0.25	WNW/285	4.2	1.4	1.4	2.2	2.1	<2.0	<2.0	<2.0	1.4E+03	1.4E+03	<2E-09	<2E-09	6.4E+01	3.1E+01
0.50	WNW/293	1.6	0.5	0.5	0.8	<2.0	<2.0	<2.0	<2.0	5.2E+02	5.3E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
0.62	WNW/285	1.1	0.4	0.4	0.5	<2.0	<2.0	<2.0	<2.0	3.6E+02	3.6E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
0.75	WNW/293	0.8	0.3	0.3	0.4	<2.0	<2.0	<2.0	<2.0	2.6E+02	2.6E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.00	WNW/285	0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	1.4E+02	1.4E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.25	WNW/293	0.3	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	9.3E+01	9.5E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.50	WNW/285	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	7.3E+01	7.4E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.00	WNW/285	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	4.8E+01	4.9E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	WNW/293	0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	3.3E+01	3.3E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.00	WNW/285	0.1	0.02	0.02	0.04	<2.0	<2.0	<2.0	<2.0	2.1E+01	2.1E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	WNW/285	0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	1.2E+01	1.2E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-12		1.6	0.5	0.5	0.8	<2.0	<2.0	<2.0	<2.0	5.2E+02	5.4E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		3.5	1.2	1.2	1.8	<2.0	<2.0	<2.0	<2.0	1.2E+03	1.2E+03	<2E-09	<2E-09	5.0E+01	<3.0E+1
LOC 0-14		0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	1.3E+02	1.3E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 3-5		0.1	0.03	0.03	0.5	<2.0	<2.0	<2.0	<2.0	2.9E+01	3.0E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



STATE ENVIRONMENTAL MONITORING DATA

SQNP 1131-1145 (Eastern) 09/14/16

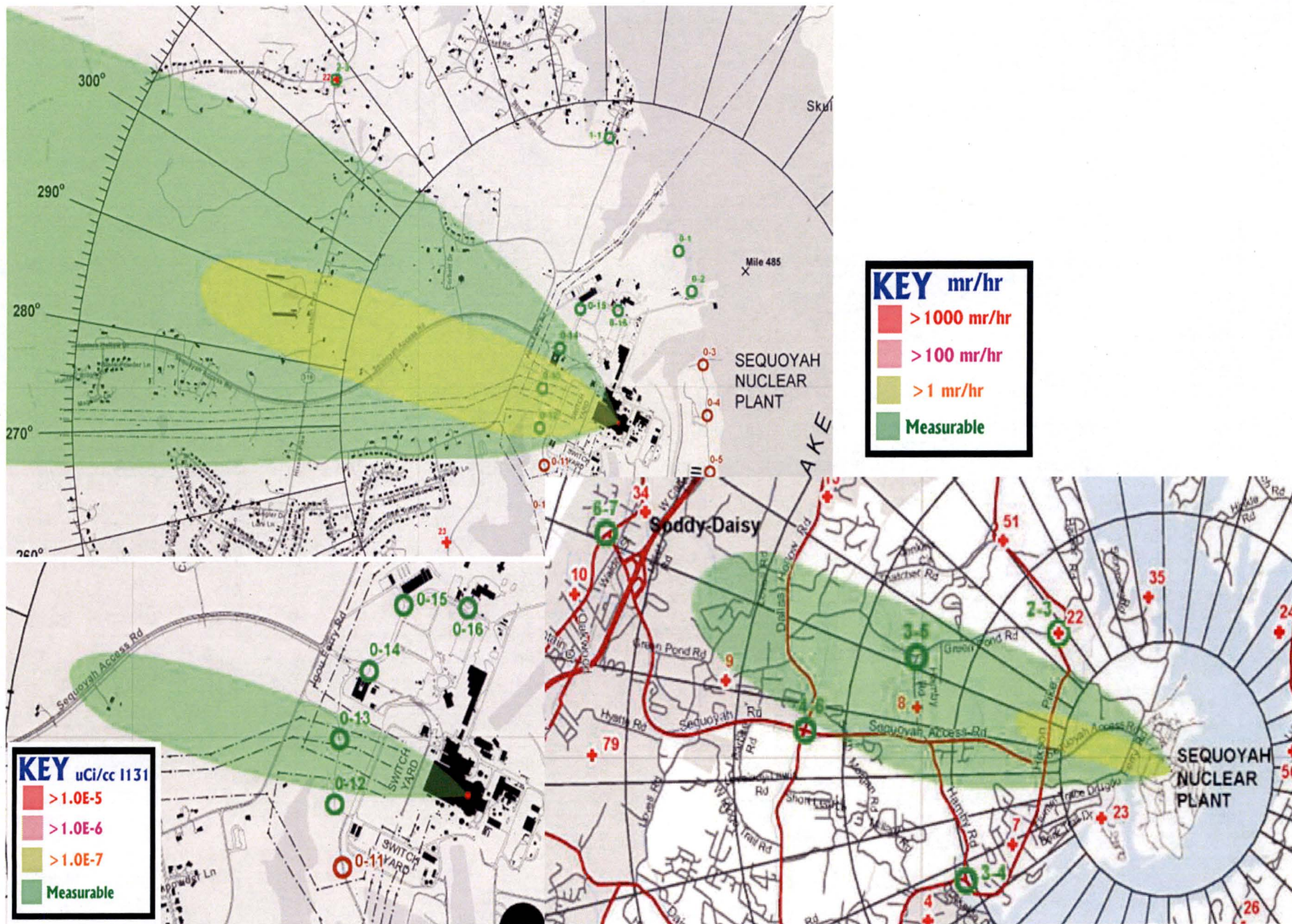
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				ur Meter Reading (ur/hr)		Air Concentrations		15 min Air Samp	
Miles	Sector	1 meter Open	1 meter Closed	Ground Closed	Ground Open	1 meter Open	1 meter Closed	Ground Closed	Ground Open	1 meter Closed	Ground Closed	I131 uci/cc	Partic uci/cc	I131 cpm	Partic cpm
0.10	WNW/293	46.6	15.5	17.9	28.1	23.3	15.5	17.9	22.2	>3000.0	>3000.0	6.5E-08	1.2E-08	3.2E+03	1.6E+03
0.25	WNW/285	19.0	6.3	6.8	10.5	9.5	6.3	6.8	8.1	>3000.0	>3000.0	1.3E-08	2.4E-09	6.5E+02	3.2E+02
0.50	WNW/293	9.8	3.3	3.4	5.2	4.9	3.3	3.4	4.0	>3000.0	>3000.0	4.1E-09	<2E-09	2.1E+02	1.0E+02
0.62	WNW/285	7.9	2.6	2.8	4.2	4.0	2.6	2.8	3.2	2.6E+03	2.8E+03	2.9E-09	<2E-09	1.4E+02	7.0E+01
0.75	WNW/293	6.6	2.2	2.3	3.5	3.3	2.2	2.3	2.6	2.2E+03	2.3E+03	2.1E-09	<2E-09	1.1E+02	5.2E+01
1.00	WNW/285	4.9	1.6	1.7	2.6	2.5	<2.0	<2.0	<2.0	1.6E+03	1.7E+03	<2E-09	<2E-09	6.6E+01	3.2E+01
1.25	WNW/293	3.9	1.3	1.4	2.0	<2.0	<2.0	<2.0	<2.0	1.3E+03	1.4E+03	<2E-09	<2E-09	4.7E+01	<3.0E+1
1.50	WNW/285	3.2	1.1	1.1	1.7	<2.0	<2.0	<2.0	<2.0	1.1E+03	1.1E+03	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.00	WNW/285	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	2.0E+02	2.0E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	WNW/293	0.3	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	9.7E+01	9.8E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.00	WNW/285	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	6.3E+01	6.4E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	WNW/285	0.1	0.03	0.03	0.1	<2.0	<2.0	<2.0	<2.0	2.7E+01	2.8E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.75	WNW/293	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	3.6E+01	3.7E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	WNW/285	0.1	0.03	0.03	0.06	<2.0	<2.0	<2.0	<2.0	3.0E+01	3.0E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	WNW/293	0.1	0.02	0.02	0.04	<2.0	<2.0	<2.0	<2.0	2.1E+01	2.1E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	WNW/285	0.05	<0.02	<0.02	0.02	<2.0	<2.0	<2.0	<2.0	1.4E+01	1.4E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-12		1.7	0.6	0.6	0.8	<2.0	<2.0	<2.0	<2.0	5.6E+02	5.6E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		14.1	4.7	5.0	7.7	7.1	4.7	5.0	6.0	>3000.0	>3000.0	9.0E-09	<2E-09	4.5E+02	2.2E+02
LOC 0-14		0.9	0.3	0.3	0.5	<2.0	<2.0	<2.0	<2.0	3.1E+02	3.1E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 3-5		0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	6.7E+01	6.8E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 4-6		0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	1.0E+01	1.0E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



STATE ENVIRONMENTAL MONITORING DATA

SQNP 1146-1200 (Eastern) 09/14/16

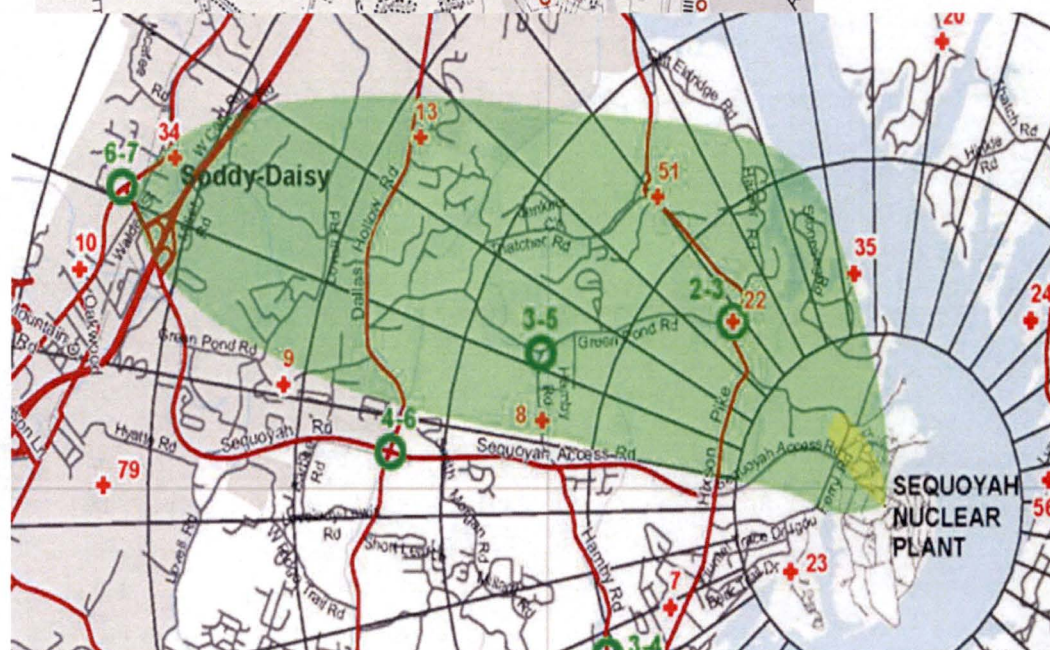
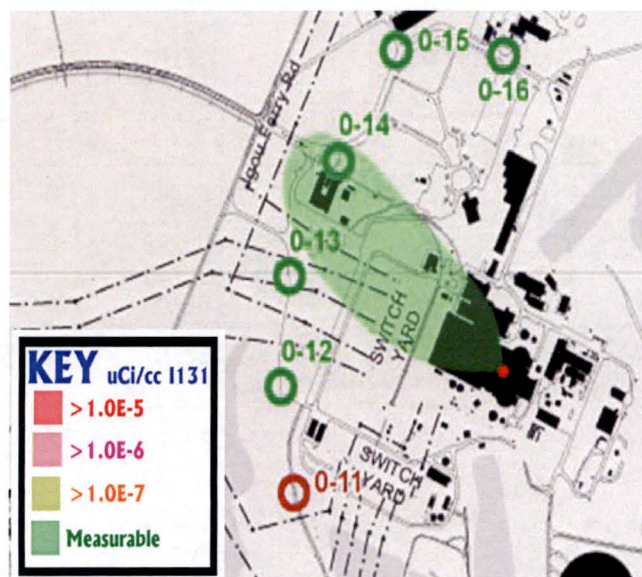
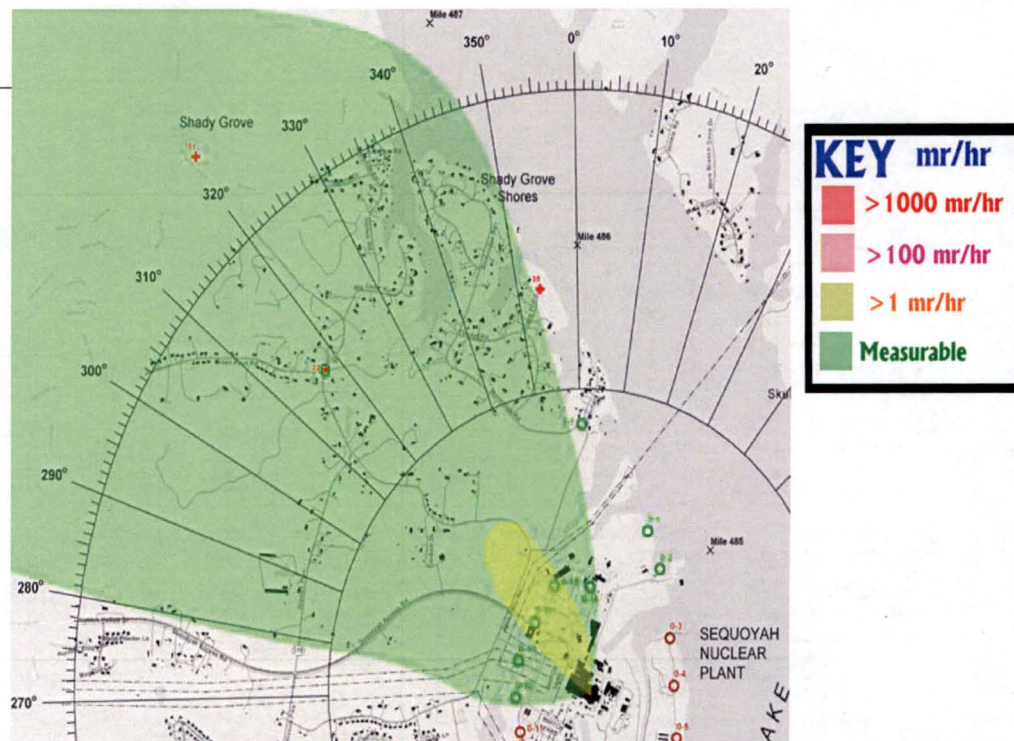
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				ur Meter Reading (ur/hr)		Air Concentrations		15 min Air Samp	
Miles	Sector	1 meter open	1 meter closed	Ground closed	Ground open	1 meter open	1 meter closed	Ground closed	Ground open	1 meter closed	Ground closed	I131 uCi/cc	Partic uCi/cc	I131 cpm	Partic cpm
0.10	WNW/293	43.0	14.3	14.4	21.6	21.5	14.3	14.4	16.3	>3000.0	>3000.0	2.1E-09	<2E-09	1.0E+02	5.0E+01
0.25	WNW/285	37.0	12.3	12.7	19.3	18.5	12.3	12.7	14.7	>3000.0	>3000.0	1.1E-08	<2E-09	5.4E+02	2.6E+02
0.50	WNW/293	23.4	7.8	8.0	12.2	11.7	7.8	8.0	9.3	>3000.0	>3000.0	6.6E-09	<2E-09	3.3E+02	1.6E+02
0.62	WNW/285	19.6	6.5	6.7	10.2	9.8	6.5	6.7	7.7	>3000.0	>3000.0	5.2E-09	<2E-09	2.6E+02	1.3E+02
0.75	WNW/293	16.6	5.5	5.7	8.6	8.3	5.5	5.7	6.5	>3000.0	>3000.0	4.1E-09	<2E-09	2.0E+02	9.9E+01
1.00	WNW/285	5.0	1.7	1.7	2.6	2.5	<2.0	<2.0	<2.0	1.7E+03	1.7E+03	<2E-09	<2E-09	5.0E+01	9.2E+01
1.25	WNW/293	3.8	1.3	1.3	2.0	<2.0	<2.0	<2.0	<2.0	1.3E+03	1.3E+03	<2E-09	<2E-09	3.7E+01	6.6E+01
1.50	WNW/285	2.9	1.0	1.0	1.5	<2.0	<2.0	<2.0	<2.0	9.6E+02	9.8E+02	<2E-09	<2E-09	<3.5E+1	4.6E+01
2.00	WNW/285	1.6	0.5	0.5	0.8	<2.0	<2.0	<2.0	<2.0	5.3E+02	5.4E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	WNW/293	1.0	0.3	0.4	0.5	<2.0	<2.0	<2.0	<2.0	3.5E+02	3.6E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.00	WNW/285	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	7.9E+01	8.0E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	WNW/285	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	5.9E+01	6.0E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.75	WNW/293	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	5.1E+01	5.2E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	WNW/285	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	4.5E+01	4.6E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	WNW/293	0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	2.5E+01	2.5E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	WNW/285	0.1	<0.02	<0.02	0.03	<2.0	<2.0	<2.0	<2.0	1.8E+01	1.8E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.00	WNW/285	0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	8.9E+00	9.0E+00	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-12		3.0	1.0	1.0	1.5	<2.0	<2.0	<2.0	<2.0	9.9E+02	9.9E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		22.2	7.4	7.5	11.2	11.1	7.4	7.5	8.4	>3000.0	>3000.0	2E-09	<2E-09	7.2E+01	3.5E+01
LOC 3-5		0.5	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	1.5E+02	1.5E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 4-6		0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 6-7		0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	1.2E+01	1.2E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



STATE ENVIRONMENTAL MONITORING DATA

SQNP 1201-1215 (Eastern) 09/14/16

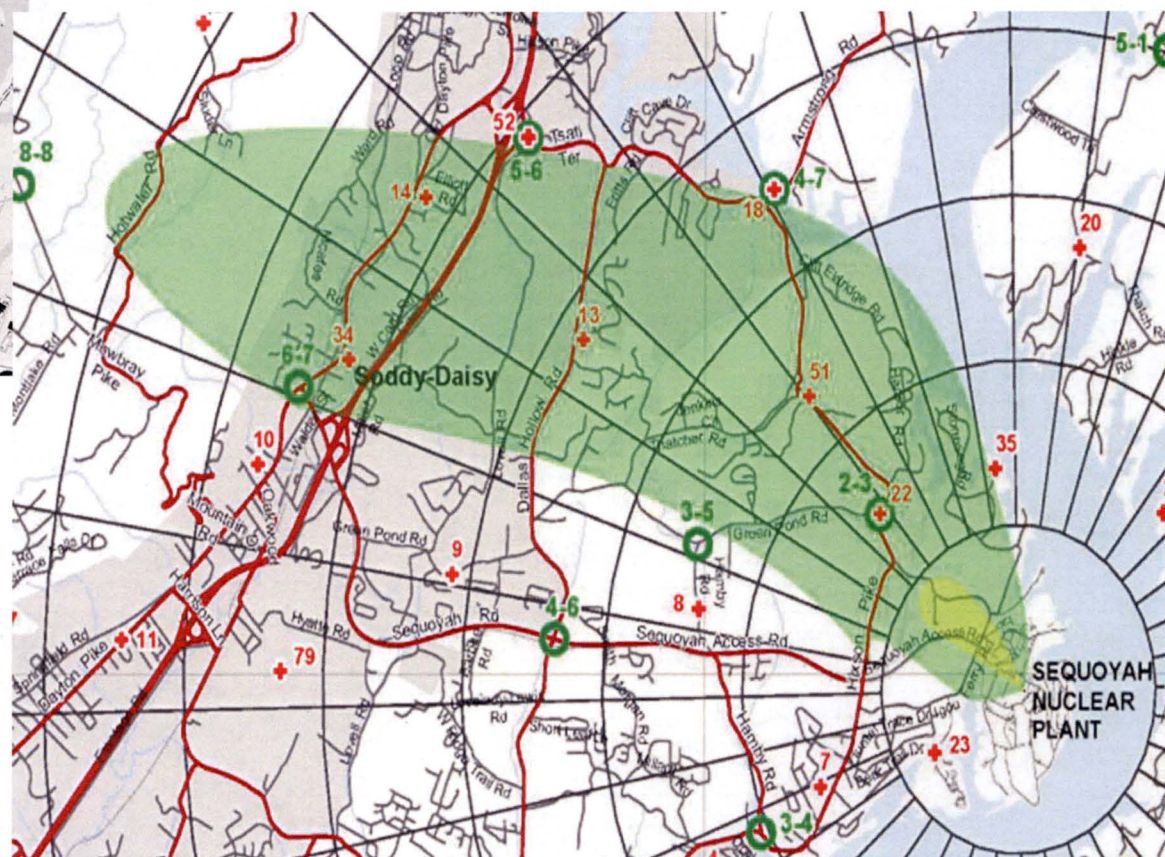
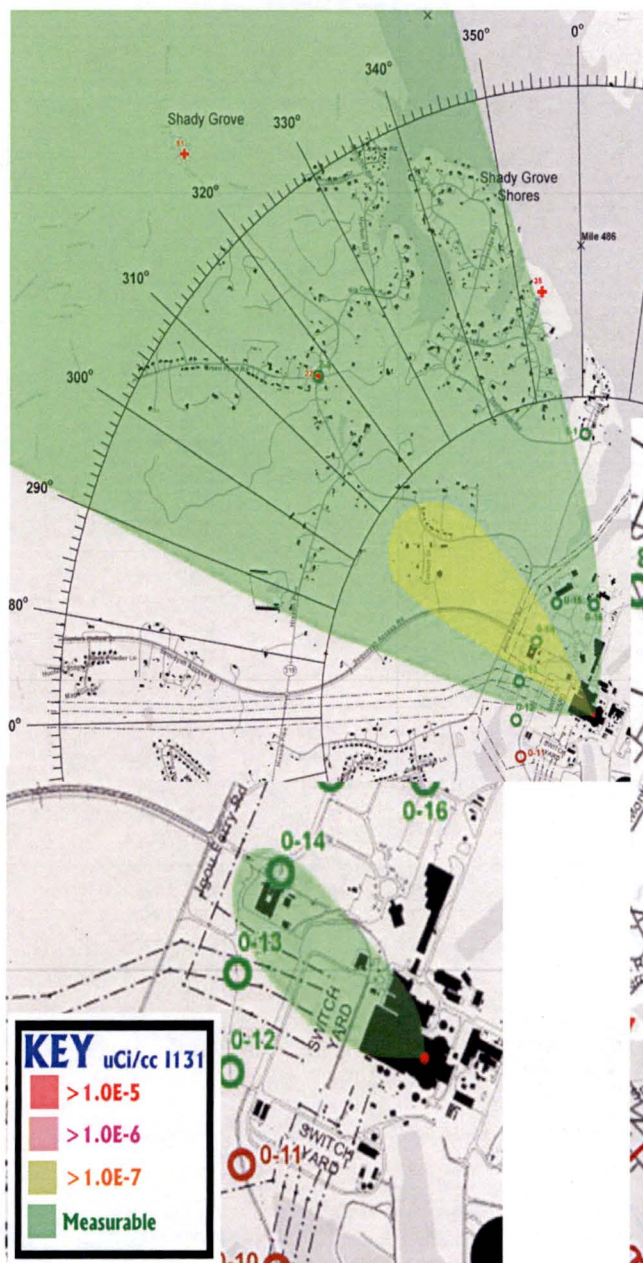
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				ur Meter Reading (ur/hr)		Air Concentrations		15 min Air Samp	
Miles	sector	1 meter open	1 meter closed	Ground closed	Ground open	1 meter open	1 meter closed	Ground closed	Ground open	1 meter closed	Ground closed	I131 uci/cc	Partic uci/cc	I131 cpm	Partic cpm
0.10	NW/323	38.6	12.9	13.9	21.4	19.3	12.9	13.9	16.5	>3000.0	>3000.0	2.9E-08	5.3E-09	1.4E+03	7.0E+02
0.25	NNW/330	13.7	4.6	4.8	7.2	6.9	4.6	4.8	5.5	>3000.0	>3000.0	4.9E-09	<2E-09	2.4E+02	1.2E+02
0.50	NW/323	5.0	1.7	1.7	2.6	2.5	<2.0	<2.0	<2.0	1.7E+03	1.7E+03	<2E-09	<2E-09	5.3E+01	<3.0E+1
0.62	WNW/285	3.9	1.3	1.3	2.0	<2.0	<2.0	<2.0	<2.0	1.3E+03	1.3E+03	<2E-09	5.2E-09	<3.5E+1	6.8E+02
0.75	NW/323	2.4	0.8	0.8	1.2	<2.0	<2.0	<2.0	<2.0	8.1E+02	8.2E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.00	NW/315	2.2	0.7	0.7	1.1	<2.0	<2.0	<2.0	<2.0	7.3E+02	7.4E+02	<2E-09	<2E-09	<3.5E+1	1.5E+02
1.25	NW/308	1.5	0.5	0.5	0.8	<2.0	<2.0	<2.0	<2.0	4.9E+02	5.0E+02	<2E-09	<2E-09	<3.5E+1	2.2E+02
1.50	WNW/300	1.1	0.4	0.4	0.6	<2.0	<2.0	<2.0	<2.0	3.7E+02	3.7E+02	<2E-09	<2E-09	<3.5E+1	9.4E+01
2.00	WNW/300	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	2.0E+02	2.0E+02	<2E-09	<2E-09	<3.5E+1	7.7E+01
2.50	NW/308	0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	1.4E+02	1.5E+02	<2E-09	<2E-09	<3.5E+1	4.9E+01
3.00	WNW/300	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	6.2E+01	6.3E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	WNW/300	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	4.4E+01	4.5E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.75	WNW/293	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	4.9E+01	4.9E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	WNW/300	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	4.5E+01	4.6E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	WNW/293	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	3.7E+01	3.7E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	WNW/293	0.1	0.03	0.03	0.06	<2.0	<2.0	<2.0	<2.0	2.9E+01	2.9E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.00	WNW/285	0.05	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	1.2E+01	1.2E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.25	WNW/289	0.05	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	1.2E+01	1.2E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.00	WNW/296	0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-12		0.1	0.02	0.02	0.04	<2.0	<2.0	<2.0	<2.0	2.4E+01	2.4E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		0.9	0.3	0.3	0.4	<2.0	<2.0	<2.0	<2.0	2.9E+02	2.9E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-14		6.8	2.3	2.3	3.5	3.4	2.3	2.3	2.7	2.3E+03	2.3E+03	2.1E-09	<2E-09	1.0E+02	5.1E+01
LOC 0-15		4.1	1.4	1.4	2.1	2.0	<2.0	<2.0	<2.0	1.4E+03	1.4E+03	<2E-09	<2E-09	5.1E+01	<3.0E+1
LOC 0-16		0.9	0.3	0.3	0.4	<2.0	<2.0	<2.0	<2.0	2.8E+02	2.9E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 2-3		0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	2.1E+02	2.2E+02	<2E-09	<2E-09	<3.5E+1	5.0E+01
LOC 3-5		0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	1.3E+02	1.3E+02	<2E-09	<2E-09	<3.5E+1	4.4E+01
LOC 6-7		0.02	<0.02	<0.02	0.02	<2.0	<2.0	<2.0	<2.0	1.7E+01	1.7E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



STATE ENVIRONMENTAL MONITORING DATA

SQNP 1216-1230 (Eastern) 09/14/16

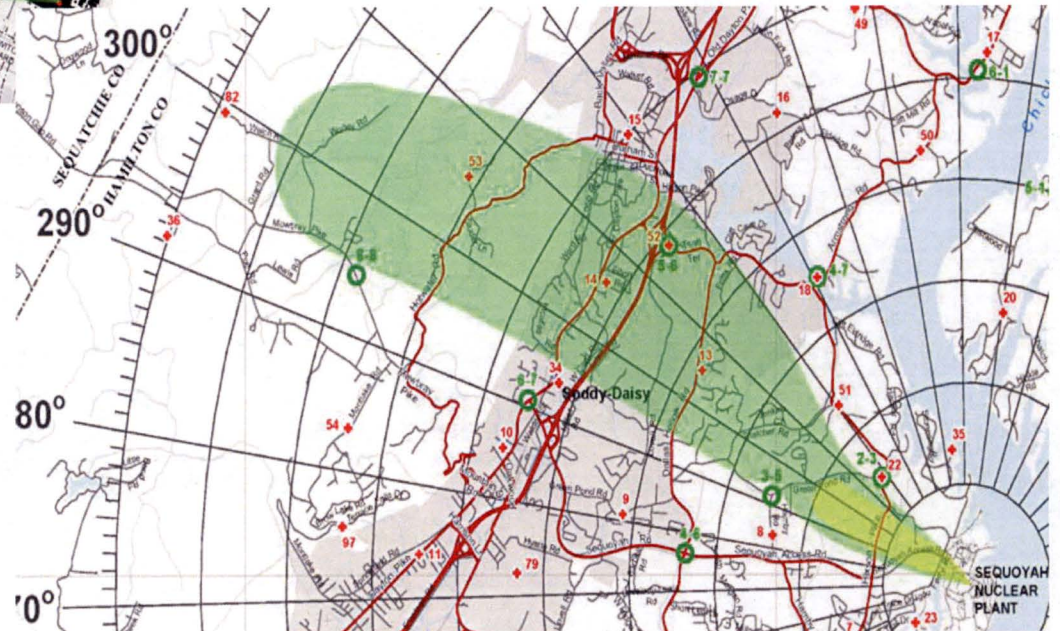
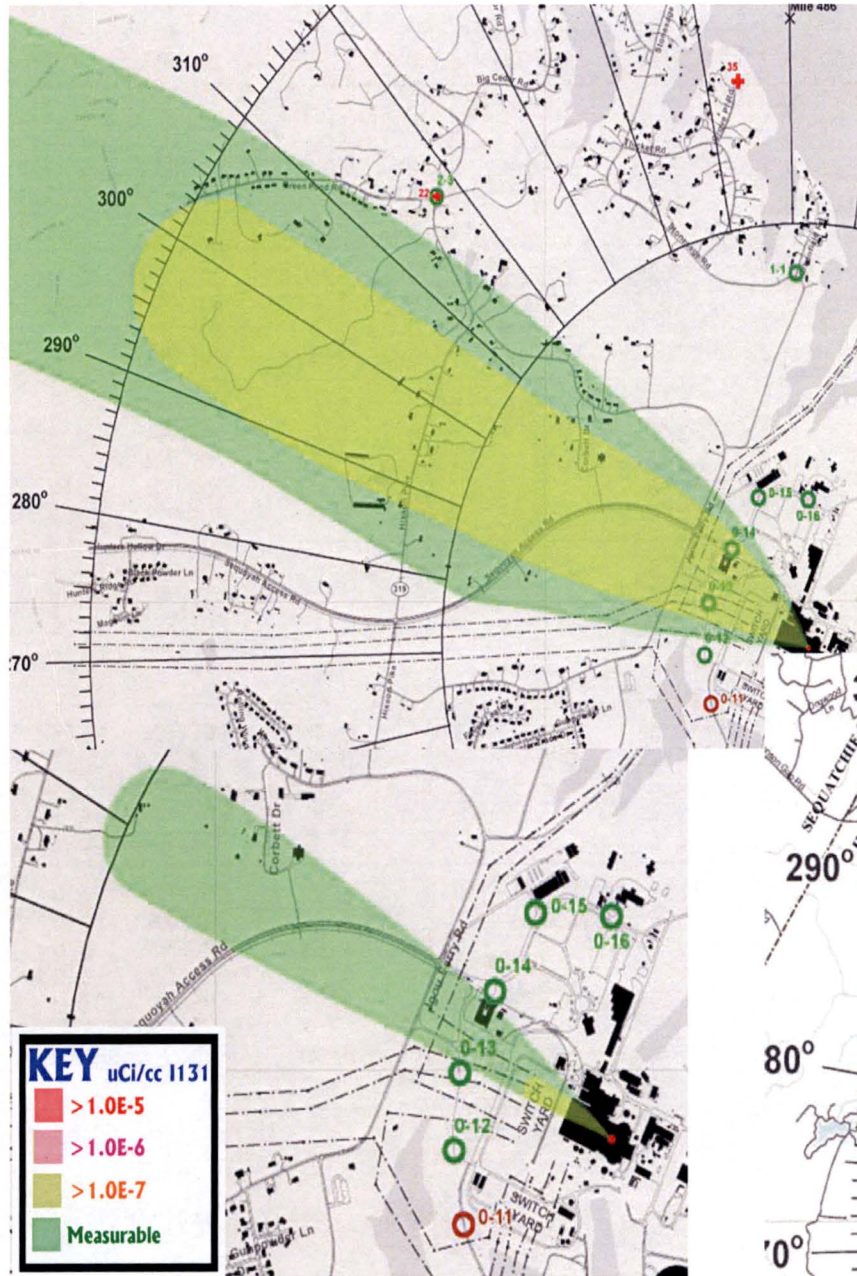
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				ur Meter Reading (ur/hr)		Air Concentrations		15 min Air Samp	
Miles	Sector	1 meter Open	1 meter Closed	Ground Closed	Ground Open	1 meter Open	1 meter Closed	Ground Closed	Ground Open	1 meter Closed	Ground Closed	I131 uCi/cc	Partic uCi/cc	I131 cpm	Partic cpm
0.10	NW/308	35.1	11.7	13.1	20.3	17.5	11.7	13.1	15.9	>3000.0	>3000.0	3.9E-08	7.1E-09	1.9E+03	9.4E+02
0.25	WNW/300	13.3	4.4	4.7	7.1	6.6	4.4	4.7	5.5	>3000.0	>3000.0	7.0E-09	<2E-09	3.5E+02	1.7E+02
0.50	NW/308	6.1	2.0	2.1	3.2	3.1	2.0	2.1	2.4	2.0E+03	2.1E+03	<2E-09	<2E-09	9.8E+01	4.8E+01
0.62	WNW/300	4.8	1.6	1.6	2.5	2.4	<2.0	<2.0	<2.0	1.6E+03	1.6E+03	<2E-09	<2E-09	6.7E+01	3.3E+01
0.75	NW/308	3.8	1.3	1.3	2.0	<2.0	<2.0	<2.0	<2.0	1.3E+03	1.3E+03	<2E-09	<2E-09	4.7E+01	<3.0E+1
1.00	WNW/300	2.7	0.9	0.9	1.4	<2.0	<2.0	<2.0	<2.0	8.9E+02	9.1E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.25	NW/308	0.7	0.7	0.7	0.7	<2.0	<2.0	<2.0	<2.0	7.2E+02	7.3E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.50	WNW/300	1.6	0.5	0.5	0.8	<2.0	<2.0	<2.0	<2.0	5.4E+02	5.5E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.00	NW/315	0.4	0.4	0.4	0.4	<2.0	<2.0	<2.0	<2.0	4.1E+02	4.1E+02	<2E-09	<2E-09	<3.5E+1	3.4E+01
2.50	NW/308	0.9	0.3	0.3	0.4	<2.0	<2.0	<2.0	<2.0	2.9E+02	2.9E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.00	NW/315	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	2.0E+02	2.0E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	NW/315	0.2	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	2.0E+02	2.0E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.75	NW/308	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	2.1E+02	2.1E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	NW/315	0.7	0.2	0.2	0.4	<2.0	<2.0	<2.0	<2.0	2.3E+02	2.4E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	NW/308	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	7.7E+01	7.9E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	NW/308	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	5.8E+01	5.9E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.00	WNW/300	0.1	0.03	0.04	0.1	<2.0	<2.0	<2.0	<2.0	3.4E+01	3.5E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.25	NW/304	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	3.5E+01	3.6E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.00	WNW/296	0.1	0.02	0.02	0.04	<2.0	<2.0	<2.0	<2.0	2.2E+01	2.3E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.50	WNW/300	0.04	<0.02	<0.02	0.02	<2.0	<2.0	<2.0	<2.0	1.6E+01	1.7E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.00	WNW/296	0.03	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	1.2E+01	1.2E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.75	WNW/296	0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		2.3	0.8	0.8	1.2	<2.0	<2.0	<2.0	<2.0	7.7E+02	7.8E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-14		7.1	2.4	2.5	3.8	3.6	2.4	2.5	2.9	2.4E+03	2.5E+03	3.0E-09	<2E-09	1.5E+02	7.4E+01
LOC 0-15		0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	1.2E+02	1.2E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-16		0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	2.7E+01	2.7E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 2-3		0.8	0.3	0.3	0.4	<2.0	<2.0	<2.0	<2.0	2.8E+02	2.9E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 4-7		0.1	<0.02	<0.02	0.03	<2.0	<2.0	<2.0	<2.0	1.8E+01	1.8E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 6-7		0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	2.7E+01	2.7E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 8-8		0.04	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	1.3E+01	1.3E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



STATE ENVIRONMENTAL MONITORING DATA

SQNP 1231-1245 (Eastern) 09/14/16

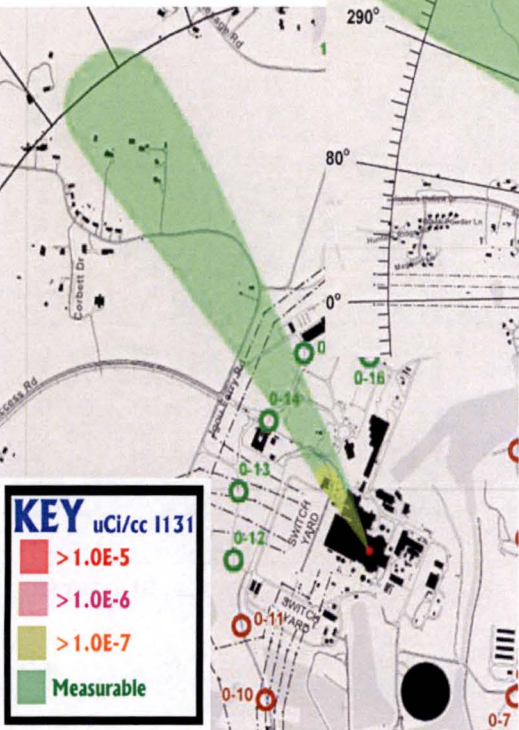
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				ur Meter Reading (ur/hr)		Air Concentrations		15 min Air Samp	
Miles	Sector	1 meter open	1 meter closed	Ground closed	Ground open	1 meter open	1 meter closed	Ground closed	Ground open	1 meter closed	Ground closed	I131 uCi/cc	Partic uCi/cc	I131 cpm	Partic cpm
0.10	NW/308	59.6	19.9	23.4	36.8	29.8	19.9	23.4	29.4	>3000.0	>3000.0	1.0E-07	1.8E-08	5.0E+03	2.4E+03
0.25	WNW/300	24.0	8.0	8.7	13.4	12.0	8.0	8.7	10.4	>3000.0	>3000.0	2.0E-08	3.7E-09	1.0E+03	4.9E+02
0.50	NW/308	12.4	4.1	4.3	6.6	6.2	4.1	4.3	5.1	>3000.0	>3000.0	6.4E-09	<2E-09	3.2E+02	1.5E+02
0.62	WNW/300	9.9	3.3	3.5	5.3	5.0	3.3	3.5	4.0	>3000.0	>3000.0	4.4E-09	<2E-09	2.2E+02	1.1E+02
0.75	NW/308	8.3	2.8	2.9	4.4	4.2	2.8	2.9	3.3	2.8E+03	2.9E+03	3.3E-09	<2E-09	1.6E+02	8.0E+01
1.00	WNW/300	6.2	2.1	2.1	3.2	3.1	2.1	2.1	2.5	2.1E+03	2.1E+03	2.1E-09	<2E-09	1.0E+02	5.0E+01
1.25	NW/308	4.9	1.6	1.7	2.6	2.5	<2.0	<2.0	<2.0	1.7E+03	1.7E+03	<2E-09	<2E-09	7.3E+01	3.6E+01
1.50	WNW/300	4.0	1.3	1.4	2.1	2.0	<2.0	<2.0	<2.0	1.3E+03	1.4E+03	<2E-09	<2E-09	5.4E+01	<3.0E+1
2.00	WNW/300	2.9	1.0	1.0	1.5	<2.0	<2.0	<2.0	<2.0	9.8E+02	1.0E+03	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	NW/308	1.4	0.5	0.5	0.7	<2.0	<2.0	<2.0	<2.0	4.7E+02	4.8E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.00	WNW/300	1.0	0.3	0.3	0.5	<2.0	<2.0	<2.0	<2.0	3.3E+02	3.3E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	WNW/300	0.3	0.3	0.3	0.3	<2.0	<2.0	<2.0	<2.0	2.6E+02	2.6E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.75	NW/308	1.4	0.4	0.5	0.7	<2.0	<2.0	<2.0	<2.0	4.5E+02	4.6E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	NW/315	0.7	0.2	0.3	0.4	<2.0	<2.0	<2.0	<2.0	2.5E+02	2.5E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	NW/308	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	1.9E+02	1.9E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	NW/308	0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	1.3E+02	1.3E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.00	NW/308	0.7	0.2	0.2	0.4	<2.0	<2.0	<2.0	<2.0	2.4E+02	2.4E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.25	NW/304	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	7.4E+01	7.5E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.00	NW/304	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	4.4E+01	4.4E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.50	WNW/300	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	3.8E+01	3.9E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.00	NW/304	0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	3.3E+01	3.3E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.75	NW/304	0.1	0.03	0.03	0.04	<2.0	<2.0	<2.0	<2.0	2.5E+01	2.5E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
9.00	WNW/300	0.1	0.02	0.02	0.03	<2.0	<2.0	<2.0	<2.0	2.0E+01	2.0E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
10.00	WNW/300	0.03	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	1.2E+01	1.2E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		3.5	1.1	1.2	1.8	<2.0	<2.0	<2.0	<2.0	1.2E+03	1.2E+03	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-14		3.6	1.2	1.2	1.8	<2.0	<2.0	<2.0	<2.0	1.2E+03	1.2E+03	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 2-3		0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	8.7E+00	8.7E+00	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 5-6		0.3	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	1.2E+02	1.2E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 8-8		0.03	<0.02	<0.02	0.03	<2.0	<2.0	<2.0	<2.0	1.6E+01	1.6E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



STATE ENVIRONMENTAL MONITORING DATA

SQNP 1246-1300 (Eastern) 09/14/16

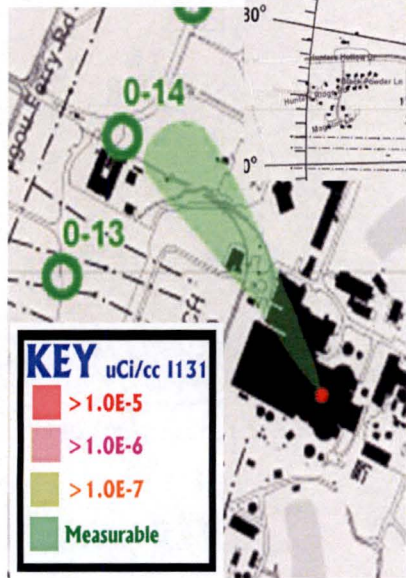
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				ur Meter Reading (ur/hr)		Air Concentrations		15 min Air Samp	
Miles	Sector	1 meter open	1 meter closed	Ground closed	Ground open	1 meter open	1 meter closed	Ground closed	Ground open	1 meter closed	Ground closed	I131 uci/cc	Partic uci/cc	I131 cpm	Partic cpm
0.10	NW/323	57.4	19.1	22.6	35.7	28.7	19.1	22.6	28.5	>3000.0	>3000.0	1.0E-07	1.8E-08	5.0E+03	2.4E+03
0.25	NNW/330	23.3	7.8	8.5	13.1	11.6	7.8	8.5	10.2	>3000.0	>3000.0	2.1E-08	3.8E-09	1.0E+03	5.0E+02
0.50	NW/323	11.9	3.9	4.2	6.4	5.9	3.9	4.2	4.9	>3000.0	>3000.0	6.4E-09	<2E-09	3.2E+02	1.6E+02
0.62	NNW/330	9.7	3.2	3.4	5.1	4.8	3.2	3.4	3.9	>3000.0	>3000.0	4.5E-09	<2E-09	2.3E+02	1.1E+02
0.75	NW/323	8.0	2.6	2.8	4.2	4.0	2.6	2.8	3.2	2.6E+03	2.8E+03	3.3E-09	<2E-09	1.6E+02	8.0E+01
1.00	NNW/330	6.0	2.0	2.1	3.1	3.0	<2.0	2.1	2.4	2.0E+03	2.1E+03	2.1E-09	<2E-09	1.0E+02	5.1E+01
1.25	NW/323	4.7	1.6	1.6	2.5	2.4	<2.0	<2.0	<2.0	1.6E+03	1.6E+03	<2E-09	<2E-09	7.3E+01	3.6E+01
1.50	NNW/330	3.9	1.3	1.3	2.0	<2.0	<2.0	<2.0	<2.0	1.3E+03	1.3E+03	<2E-09	<2E-09	5.5E+01	<3.0E+1
2.00	NNW/330	2.9	0.9	1.0	1.5	<2.0	<2.0	<2.0	<2.0	9.5E+02	9.7E+02	<2E-09	<2E-09	3.5E+01	<3.0E+1
2.50	NW/323	0.8	0.3	0.3	0.4	<2.0	<2.0	<2.0	<2.0	2.7E+02	2.8E+02	<2E-09	<2E-09	<3.5E+1	7.9E+01
3.00	NW/315	0.5	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	1.7E+02	1.7E+02	<2E-09	<2E-09	<3.5E+1	4.8E+01
3.50	NW/315	0.7	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	2.2E+02	2.3E+02	<2E-09	<2E-09	<3.5E+1	6.0E+01
3.75	NW/308	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	2.1E+02	2.2E+02	<2E-09	<2E-09	<3.5E+1	5.5E+01
4.00	NW/315	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	2.0E+02	2.1E+02	<2E-09	<2E-09	<3.5E+1	5.3E+01
4.50	NW/308	0.5	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	1.8E+02	1.8E+02	<2E-09	<2E-09	<3.5E+1	3.1E+01
5.00	NW/315	0.5	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	1.5E+02	1.6E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.00	NW/308	0.2	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	1.9E+02	1.9E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.25	NW/311	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	1.8E+02	1.9E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.00	NW/311	0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	1.3E+02	1.4E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.50	NW/315	0.1	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	1.3E+02	1.3E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.00	NW/311	0.1	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	1.2E+02	1.2E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.75	NW/311	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	3.6E+01	3.6E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
9.00	NW/308	0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	2.5E+01	2.5E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
10.00	NW/308	0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	2.5E+01	2.5E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	4.6E+01	4.7E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-14		4.1	1.4	1.4	2.1	2.0	<2.0	<2.0	<2.0	1.4E+03	1.4E+03	<2E-09	<2E-09	5.4E+01	<3.0E+1
LOC 0-15		1.5	0.5	0.5	0.8	<2.0	<2.0	<2.0	<2.0	5.0E+02	5.0E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 2-3		1.1	0.4	0.4	0.6	<2.0	<2.0	<2.0	<2.0	3.6E+02	3.8E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 5-6		0.03	0.02	0.02	0.03	<2.0	<2.0	<2.0	<2.0	1.3E+01	1.4E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



STATE ENVIRONMENTAL MONITORING DATA

SQNP 1301-1315 (Eastern) 09/14/16

Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				ur Meter Reading (ur/hr)		Air Concentrations		15 min Air Samp	
Miles	Sector	1 meter Open	1 meter Closed	Ground Closed	Ground Open	1 meter Open	1 meter Closed	Ground Closed	Ground Open	1 meter Closed	Ground Closed	I131 uCi/cc	Partic uCi/cc	I131 cpm	Partic cpm
0.10	NW/323	21.5	7.2	7.8	12.0	10.7	7.2	7.8	9.4	>3000.0	>3000.0	1.9E-08	3.5E-09	9.4E+02	4.6E+02
0.25	NNW/330	7.5	2.5	2.6	4.0	3.8	2.5	2.6	3.0	2.5E+03	2.6E+03	3.2E-09	<2E-09	1.6E+02	7.8E+01
0.50	NW/323	2.7	0.9	0.9	1.4	<2.0	<2.0	<2.0	<2.0	8.9E+02	9.2E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
0.62	NNW/330	1.9	0.6	0.6	1.0	<2.0	<2.0	<2.0	<2.0	6.2E+02	6.3E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
0.75	NW/323	1.3	0.4	0.4	0.7	<2.0	<2.0	<2.0	<2.0	4.3E+02	4.4E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.00	NNW/330	0.7	0.2	0.2	0.4	<2.0	<2.0	<2.0	<2.0	2.4E+02	2.5E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.25	NW/323	0.5	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	1.6E+02	1.6E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.50	NNW/330	0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	1.3E+02	1.3E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.00	NNW/330	1.5	0.5	0.5	0.8	<2.0	<2.0	<2.0	<2.0	5.1E+02	5.2E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	NW/323	0.3	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	9.8E+01	9.9E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.00	NNW/330	0.3	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	9.1E+01	9.2E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	NNW/330	0.3	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	8.4E+01	8.6E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.75	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	8.1E+01	8.3E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	NW/315	0.3	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	9.2E+01	9.4E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	6.6E+01	6.7E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	6.3E+01	6.4E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.00	NW/308	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	6.3E+01	6.4E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.25	NW/319	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	6.2E+01	6.3E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.00	NW/311	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	4.7E+01	4.8E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.50	NW/315	0.1	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	1.5E+02	1.5E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.00	NW/311	0.1	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	1.3E+02	1.3E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.75	NW/311	0.3	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	1.0E+02	1.0E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
9.00	NW/315	0.3	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	9.1E+01	9.3E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
10.00	NW/315	0.1	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	8.4E+01	8.5E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-14		3.8	1.3	1.3	2.0	<2.0	<2.0	<2.0	<2.0	1.3E+03	1.3E+03	<2E-09	<2E-09	7.0E+01	3.4E+01
LOC 0-15		2.3	0.8	0.8	1.2	<2.0	<2.0	<2.0	<2.0	7.6E+02	7.8E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-16		0.5	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	1.6E+02	1.6E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 2-3		0.3	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	1.2E+02	1.2E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 4-7		0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	3.7E+01	3.8E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 5-6		0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	6.3E+01	6.4E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



STATE ENVIRONMENTAL MONITORING DATA

SQNP 1316-1330 (Eastern) 09/14/16

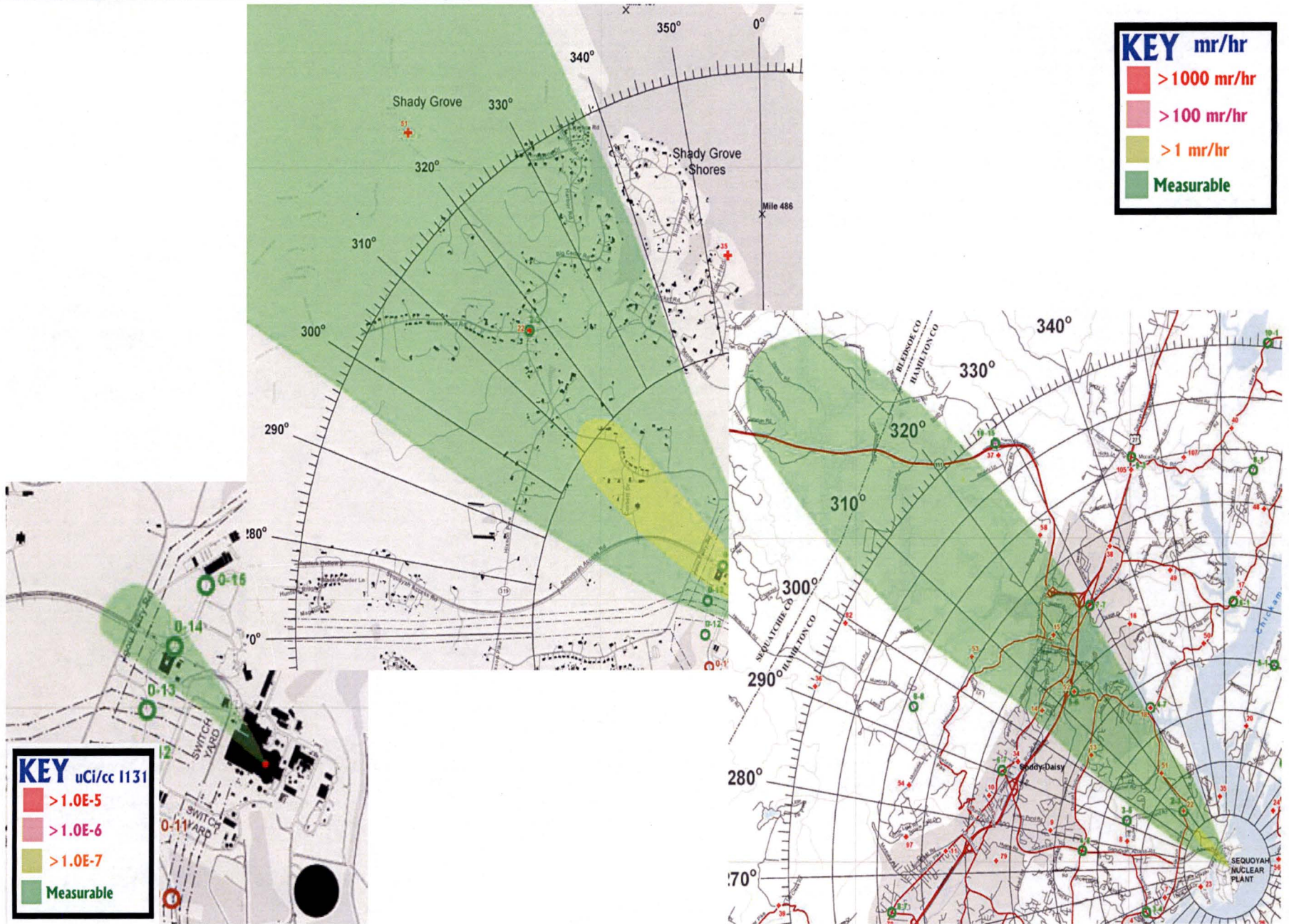
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				ur Meter Reading (ur/hr)		Air Concentrations		15 min Air Samp	
Miles	Sector	1 meter Open	1 meter Closed	Ground closed	Ground open	1 meter Open	1 meter Closed	Ground closed	Ground open	1 meter closed	Ground closed	I131 uci/cc	Partic uci/cc	I131 cpm	Partic cpm
0.10	NW/308	39.6	13.2	14.9	23.3	19.8	13.2	14.9	18.3	>3000.0	>3000.0	5.1E-08	9.4E-09	2.5E+03	1.2E+03
0.25	NW/315	14.7	4.9	5.2	8.0	7.3	4.9	5.2	6.1	>3000.0	>3000.0	9.0E-09	<2E-09	4.5E+02	2.2E+02
0.50	NW/308	6.8	2.3	2.3	3.6	3.4	2.3	2.3	2.7	2.3E+03	2.4E+03	2.6E-09	<2E-09	1.3E+02	6.3E+01
0.62	NW/315	5.2	1.7	1.8	2.7	2.6	<2.0	<2.0	2.1	1.7E+03	1.8E+03	<2E-09	<2E-09	8.7E+01	4.2E+01
0.75	NW/308	4.2	1.4	1.4	2.2	2.1	<2.0	<2.0	<2.0	1.4E+03	1.4E+03	<2E-09	<2E-09	6.3E+01	3.1E+01
1.00	NW/315	2.9	1.0	1.0	1.5	<2.0	<2.0	<2.0	<2.0	9.6E+02	9.9E+02	<2E-09	<2E-09	3.7E+01	<3.0E+1
1.25	NW/308	2.2	0.7	0.8	1.1	<2.0	<2.0	<2.0	<2.0	7.3E+02	7.5E+02	<2E-09	<2E-09	3.5E+1	<3.0E+1
1.50	NW/315	1.7	0.6	0.6	0.9	<2.0	<2.0	<2.0	<2.0	5.7E+02	5.8E+02	<2E-09	<2E-09	3.5E+1	<3.0E+1
2.00	NW/315	0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	1.3E+02	1.3E+02	<2E-09	<2E-09	3.5E+1	<3.0E+1
2.50	NW/323	0.3	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	9.1E+01	9.2E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
3.00	NW/315	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	8.2E+01	8.3E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
3.50	NW/315	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	7.5E+01	7.7E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
3.75	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	7.3E+01	7.4E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
4.00	NW/315	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	6.5E+01	6.6E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
4.50	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	6.2E+01	6.3E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
5.00	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	5.9E+01	6.0E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
6.00	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	5.7E+01	5.8E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
6.25	NW/319	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	5.2E+01	5.3E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
7.00	NW/319	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	4.9E+01	5.0E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
7.50	NW/315	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	4.4E+01	4.5E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
8.00	NW/319	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	4.2E+01	4.3E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
8.75	NW/311	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	3.7E+01	3.8E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
9.00	NW/315	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	3.7E+01	3.7E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
10.00	NW/315	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	5.3E+01	5.4E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
LOC 0-13		1.1	0.4	0.4	0.6	<2.0	<2.0	<2.0	<2.0	3.8E+02	3.8E+02	<2E-09	<2E-09	3.5E+1	<3.0E+1
LOC 0-14		12.4	4.1	4.4	6.7	6.2	4.1	4.4	5.1	>3000.0	>3000.0	6.8E-09	<2E-09	3.4E+02	1.7E+02
LOC 0-15		0.7	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	2.2E+02	2.2E+02	<2E-09	<2E-09	3.5E+1	<3.0E+1
LOC 0-16		0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	2.9E+01	2.9E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
LOC 2-3		1.3	0.4	0.4	0.7	<2.0	<2.0	<2.0	<2.0	4.4E+02	4.5E+02	<2E-09	<2E-09	3.5E+1	<3.0E+1
LOC 4-7		0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	2.7E+01	2.8E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
LOC 5-6		0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	2.9E+01	3.0E+01	<2E-09	<2E-09	3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	3.5E+1	<3.0E+1



STATE ENVIRONMENTAL MONITORING DATA

SQNP 1331-1345 (Eastern) 09/14/16

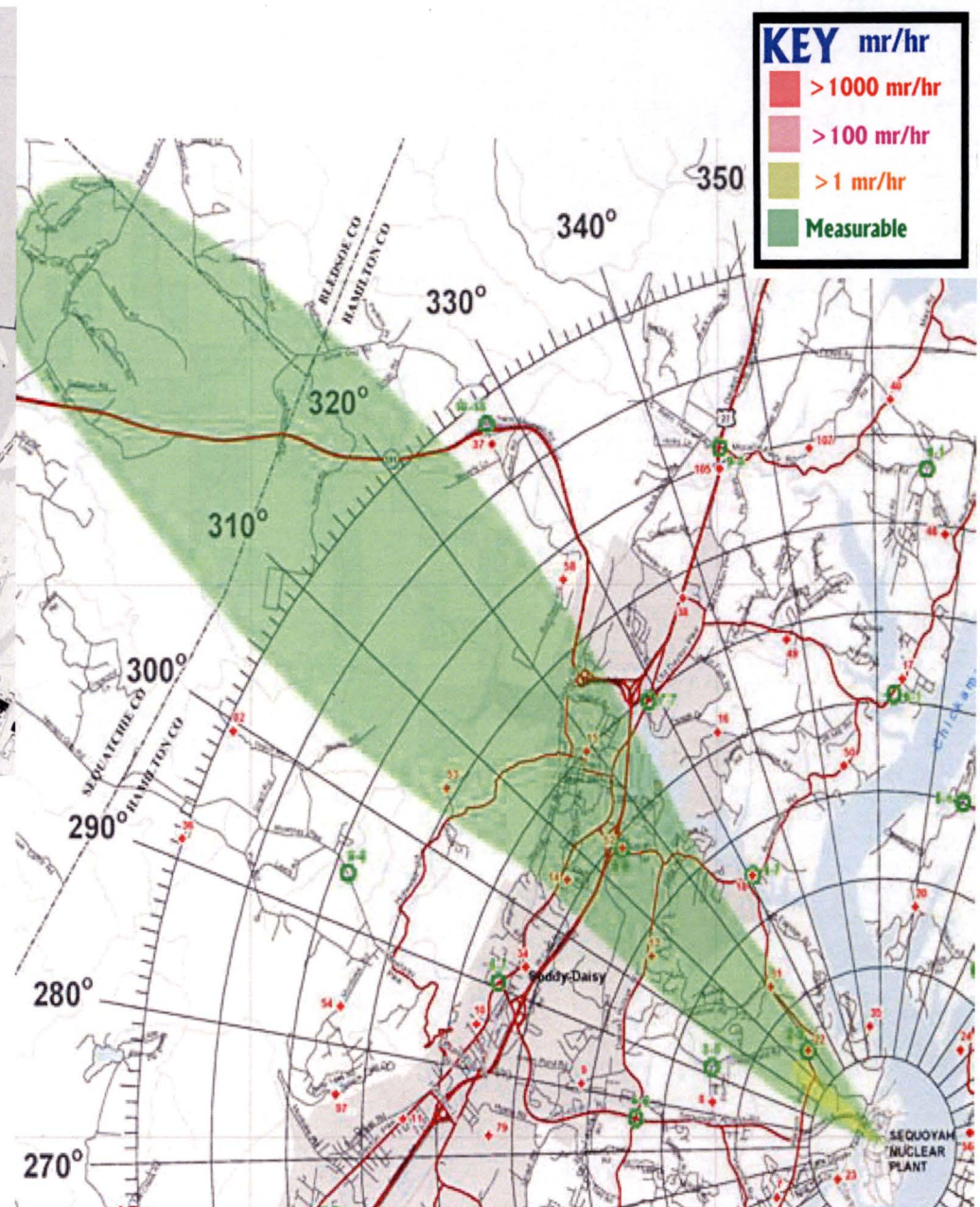
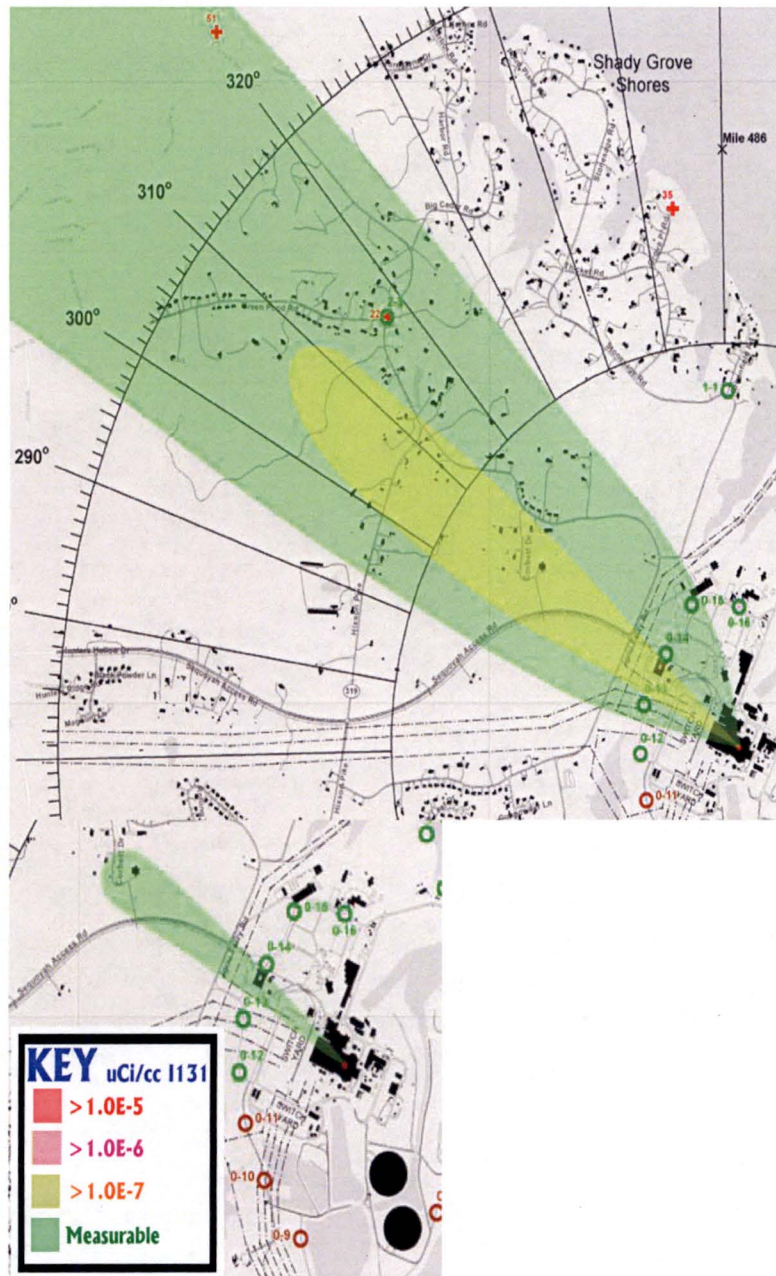
Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				ur Meter Reading (ur/hr)		Air Concentrations		15 min Air Samp	
Miles	Sector	1 meter open	1 meter closed	Ground closed	Ground open	1 meter open	1 meter closed	Ground closed	Ground open	1 meter closed	Ground closed	I131 uCi/cc	Partic uCi/cc	I131 cpm	Partic cpm
0.10	NW/323	44.2	14.7	16.6	25.9	22.1	14.7	16.6	20.3	>3000.0	>3000.0	5.6E-08	1.0E-08	2.8E+03	1.4E+03
0.25	NW/315	16.4	5.5	5.8	8.8	8.2	5.5	5.8	6.8	>3000.0	>3000.0	9.9E-09	<2E-09	5.0E+02	2.4E+02
0.50	NW/323	7.5	2.5	2.6	3.9	3.8	2.5	2.6	3.0	2.5E+03	2.6E+03	2.9E-09	<2E-09	1.4E+02	7.0E+01
0.62	NW/315	5.8	1.9	2.0	3.0	2.9	<2.0	<2.0	2.3	1.9E+03	2.0E+03	<2E-09	<2E-09	9.6E+01	4.7E+01
0.75	NW/323	4.6	1.5	1.6	2.4	2.3	<2.0	<2.0	<2.0	1.5E+03	1.6E+03	<2E-09	<2E-09	7.0E+01	3.4E+01
1.00	NW/315	3.2	1.0	1.1	1.6	<2.0	<2.0	<2.0	<2.0	1.1E+03	1.1E+03	<2E-09	<2E-09	4.2E+01	<3.0E+1
1.25	NW/323	1.9	0.6	0.7	1.0	<2.0	<2.0	<2.0	<2.0	6.5E+02	6.6E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
1.50	NW/315	1.5	0.5	0.5	0.8	<2.0	<2.0	<2.0	<2.0	5.0E+02	5.1E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.00	NW/315	1.0	0.3	0.3	0.5	<2.0	<2.0	<2.0	<2.0	3.2E+02	3.3E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
2.50	NW/308	0.7	0.2	0.2	0.4	<2.0	<2.0	<2.0	<2.0	2.4E+02	2.5E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.00	NW/315	0.3	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	8.7E+01	8.8E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.50	NW/315	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	7.1E+01	7.2E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
3.75	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	6.9E+01	7.0E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	NW/315	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	6.5E+01	6.6E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	5.6E+01	5.7E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	NW/323	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	5.5E+01	5.6E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.00	NW/323	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	4.7E+01	4.8E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.25	NW/319	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	4.6E+01	4.7E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.00	NW/319	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	4.5E+01	4.6E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.50	NW/315	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	4.2E+01	4.2E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.00	NW/319	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	4.1E+01	4.1E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.75	NW/319	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	3.7E+01	3.8E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
9.00	NW/315	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	3.6E+01	3.6E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
10.00	NW/315	0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	3.2E+01	3.2E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		1.1	0.4	0.4	0.6	<2.0	<2.0	<2.0	<2.0	3.8E+02	3.8E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-14		12.9	4.3	4.5	6.9	6.5	4.3	4.5	5.3	>3000.0	>3000.0	7.0E-09	<2E-09	3.5E+02	1.7E+02
LOC 0-15		1.0	0.3	0.3	0.5	<2.0	<2.0	<2.0	<2.0	3.4E+02	3.4E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 2-3		1.3	0.4	0.4	0.7	<2.0	<2.0	<2.0	<2.0	4.3E+02	4.4E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 4-7		0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	1.2E+01	1.2E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 5-6		0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	4.1E+01	4.2E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 7-7		0.03	<0.02	<0.02	0.02	<2.0	<2.0	<2.0	<2.0	1.5E+01	1.5E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



STATE ENVIRONMENTAL MONITORING DATA

SQNP 1346-1400 (Eastern) 09/14/16

Location/Direction		GM Readings (mr/hr)				Ion Chamber (mr/hr)				ur Meter Reading (ur/hr)		Air Concentrations		15 min Air Samp	
Miles	Sector	1 meter open	1 meter closed	Ground closed	Ground open	1 meter open	1 meter closed	Ground closed	Ground open	1 meter closed	Ground closed	I131 uCi/cc	Partic uCi/cc	I131 cpm	Partic cpm
0.10	NW/308	43.2	14.4	17.4	27.6	21.6	14.4	17.4	22.2	>3000.0	>3000.0	8.9E-08	1.7E-08	4.5E+03	2.2E+03
0.25	WNW/300	17.1	5.7	6.3	9.8	8.6	5.7	6.3	7.6	>3000.0	>3000.0	1.8E-08	3.4E-09	9.0E+02	4.4E+02
0.50	NW/308	8.8	2.9	3.1	4.8	4.4	2.9	3.1	3.7	2.9E+03	>3000.0	5.7E-09	<2E-09	2.8E+02	1.4E+02
0.62	WNW/300	7.1	2.3	2.5	3.8	3.5	2.3	2.5	2.9	2.4E+03	2.5E+03	4.0E-09	<2E-09	2.0E+02	9.7E+01
0.75	NW/308	5.9	1.9	2.0	3.1	2.9	<2.0	2.0	2.4	1.9E+03	2.1E+03	2.9E-09	<2E-09	1.5E+02	7.2E+01
1.00	WNW/300	4.3	1.4	1.5	2.3	2.2	<2.0	<2.0	<2.0	1.4E+03	1.5E+03	<2E-09	<2E-09	9.2E+01	4.5E+01
1.25	NW/308	4.5	1.5	1.6	2.4	2.3	<2.0	<2.0	<2.0	1.5E+03	1.6E+03	<2E-09	<2E-09	<3.5E+1	9.1E+01
1.50	WNW/300	3.6	1.2	1.2	1.9	<2.0	<2.0	<2.0	<2.0	1.2E+03	1.2E+03	<2E-09	<2E-09	<3.5E+1	6.7E+01
2.00	WNW/300	2.5	0.8	0.8	1.3	<2.0	<2.0	<2.0	<2.0	8.2E+02	8.4E+02	<2E-09	<2E-09	<3.5E+1	3.7E+01
2.50	NW/308	1.2	0.4	0.4	0.6	<2.0	<2.0	<2.0	<2.0	4.1E+02	4.2E+02	<2E-09	<2E-09	<3.5E+1	1.0E+02
3.00	WNW/300	1.2	0.4	0.4	0.6	<2.0	<2.0	<2.0	<2.0	4.0E+02	4.1E+02	<2E-09	<2E-09	<3.5E+1	8.1E+01
3.50	NW/315	1.0	0.3	0.3	0.5	<2.0	<2.0	<2.0	<2.0	3.3E+02	3.4E+02	<2E-09	<2E-09	<3.5E+1	6.8E+01
3.75	NW/308	0.5	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	1.6E+02	1.6E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.00	WNW/300	0.6	0.2	0.2	0.3	<2.0	<2.0	<2.0	<2.0	1.9E+02	1.9E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
4.50	NW/308	0.4	0.1	0.2	0.2	<2.0	<2.0	<2.0	<2.0	1.5E+02	1.5E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
5.00	NW/308	0.5	0.2	0.2	0.2	<2.0	<2.0	<2.0	<2.0	1.6E+02	1.6E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.00	NW/308	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	4.7E+01	4.8E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
6.25	NW/311	0.1	0.05	0.05	0.1	<2.0	<2.0	<2.0	<2.0	4.5E+01	4.6E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.00	NW/311	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	3.9E+01	4.0E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
7.50	NW/315	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	3.6E+01	3.7E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.00	NW/311	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	3.7E+01	3.7E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
8.75	NW/319	0.2	0.1	0.1	0.1	<2.0	<2.0	<2.0	<2.0	7.0E+01	7.1E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
9.00	NW/315	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	3.7E+01	3.7E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
10.00	NW/315	0.1	0.04	0.04	0.1	<2.0	<2.0	<2.0	<2.0	3.4E+01	3.5E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-13		2.4	0.8	0.8	1.2	<2.0	<2.0	<2.0	<2.0	8.0E+02	8.1E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-14		2.5	0.8	0.9	1.3	<2.0	<2.0	<2.0	<2.0	8.3E+02	8.5E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 0-15		0.1	0.03	0.03	0.05	<2.0	<2.0	<2.0	<2.0	3.2E+01	3.2E+01	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 2-3		0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	1.3E+02	1.3E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
LOC 5-6		0.4	0.1	0.1	0.2	<2.0	<2.0	<2.0	<2.0	1.3E+02	1.3E+02	<2E-09	<2E-09	<3.5E+1	<3.0E+1
ALL OTHER POINTS		<0.02	<0.02	<0.02	<0.02	<2.0	<2.0	<2.0	<2.0	<8.0	<8.0	<2E-09	<2E-09	<3.5E+1	<3.0E+1



19 MET Data

NOTE: In the listing below the degrees listed are the 15 minute average. The number is the average at the end of the 15 minute period listed at the left.

HISTORICAL METEOROLOGICAL DATA FOR SEQUOYAH GRADED EXERCISE
SEP. 14, 2016

Note that data times are in Eastern time for this plant. U, I, and L denote upper, intermediate, and lower measurement levels on the tower, respectively. Prec. denotes precipitation.

Time	Wind Direction (degrees)			Wind Speed (m/s)			Stability Class			Prec. (mm/h)
	U	I	L	U	I	L	U-L	U-I	I-L	
0400-0415	29	16	22	4.1	2.4	0.9	F	F	E	-
0415-0430	28	25	25	4.9	3.1	0.8	F	F	E	-
0430-0445	23	11	350	4.4	2.7	1.1	F	F	E	-
0445-0500	33	19	27	3.8	2.5	0.9	E	E	E	-
0400-0500	28	18	15	4.3	2.7	0.9	F	F	E	0.0
0500-0515	42	32	348	3.0	2.7	0.7	E	E	F	-
0515-0530	28	17	3	3.5	3.1	1.1	E	E	E	-
0530-0545	27	24	26	4.6	3.0	1.0	E	E	E	-
0545-0600	33	27	19	3.6	2.4	1.0	E	E	E	-
0500-0600	32	25	10	3.7	2.8	1.0	E	E	E	0.0
0600-0615	36	27	8	3.4	2.3	1.0	E	E	E	-
0615-0630	29	24	16	3.8	3.1	1.2	E	E	E	-
0630-0645	20	12	353	4.4	3.4	1.3	E	E	E	-
0645-0700	17	9	10	4.1	3.3	1.0	E	E	E	-
0600-0700	25	17	6	3.9	3.1	1.1	E	E	E	0.0
0700-0715	24	20	23	4.4	2.7	1.2	E	E	D	-
0715-0730	24	23	20	4.4	2.7	1.3	D	E	D	-
0730-0745	24	20	14	3.6	2.3	1.3	D	D	D	-
0745-0800	24	24	23	4.0	2.9	1.6	D	D	D	-
0700-0800	24	22	20	4.1	2.7	1.3	D	E	D	0.0
0800-0815	19	30	32	2.7	2.4	1.5	D	D	D	-
0815-0830	12	25	36	2.6	2.4	1.6	D	D	C	-
0830-0845	23	23	29	3.1	2.5	1.8	D	D	C	-
0845-0900	30	26	25	3.1	2.7	1.8	D	D	B	-
0800-0900	22	26	31	2.8	2.5	1.7	D	D	C	0.0
0900-0915	35	28	31	3.3	3.0	1.7	D	D	B	-
0915-0930	44	31	24	2.8	2.7	1.6	D	D	B	-
0930-0945	88	85	74	2.9	2.6	1.8	D	D	D	-

Time	Wind Direction (degrees)			Wind Speed (m/s)			Stability Class			Prec. (mm/h)
	U	I	L	U	I	L	U-L	U-I	I-L	
0945-1000	80	73	76	2.9	2.5	1.8	D	D	A	-
0900-1000	62	53	52	3.0	2.7	1.7	D	D	B	0.0
1000-1015	92	87	71	3.0	2.4	1.8	C	D	B	-
1015-1030	93	85	80	3.9	3.0	2.2	C	D	B	-
1030-1045	99	97	104	4.3	3.4	2.1	D	D	B	-
1045-1100	103	105	103	4.9	4.0	2.2	C	D	B	-
1000-1100	97	94	90	4.0	3.2	2.1	C	D	B	0.0
1100-1115	107	109	102	4.3	3.6	2.3	C	D	B	-
1115-1130	105	106	108	4.0	3.3	2.4	C	D	B	-
1130-1145	107	107	105	4.0	3.3	2.2	D	D	D	-
1145-1200	107	111	119	2.3	1.5	1.6	D	D	C	-
1100-1200	107	108	108	3.7	2.9	2.1	D	D	C	0.0
1200-1215	136	144	155	3.2	2.4	1.7	C	C	B	-
1215-1230	125	126	132	4.7	4.0	2.6	D	D	C	-
1230-1245	121	122	116	4.7	3.8	2.0	D	D	D	-
1245-1300	142	143	151	5.3	3.8	2.6	D	D	D	-
1200-1300	131	134	138	4.5	3.6	2.2	D	D	C	0.0
1300-1315	146	144	146	4.7	3.7	2.7	C	C	B	-
1315-1330	132	134	123	3.9	3.0	2.3	D	D	C	-
1330-1345	141	136	141	3.1	2.4	1.9	C	C	C	-
1345-1400	121	122	120	5.4	4.5	2.4	D	D	D	-
1300-1400	135	134	133	4.3	3.4	2.3	D	D	C	0.0
1400-1415	139	137	147	5.5	4.2	2.6	D	D	D	-
1415-1430	136	135	152	5.8	4.5	2.8	C	D	C	-
1430-1445	137	131	131	4.6	3.6	2.0	D	D	C	-
1445-1500	121	122	121	4.7	3.8	1.9	D	D	D	-
1400-1500	134	131	140	5.1	4.0	2.3	D	D	D	0.0

20 Operations Turnover

The TN Valley is currently sandwiched between a surface high pressure system to the east, and a tropical system in the Gulf. Current conditions at SQN are partly cloudy skies with northeast winds at 5 miles per hour (mph). Temperatures are in the 70s.

As the day progresses, the Valley will become more influenced by the approaching tropical system. Winds will shift from the east at SQN by late morning before turning southeasterly by early afternoon. Wind speeds will stay 5-10 mph under partly cloudy skies. Temperatures will top out into the mid 80s for highs.

This evening and tonight, expect partly cloudy skies with winds from the southeast at 5-10 mph. Tomorrow will be dry and warm as high pressure builds back into the Valley and the tropical system moves into the south central states. Skies will be partly cloudy with light and variable winds. Highs will reach the mid 80s.

An Operations turnover package will be generated the day before the drill. It will contain the following:

UNIT-1:

- 100% power MOL

UNIT-2:

- 100% power BOL

COMMON:

Events: None

21 Booth Instructions

NOTE: The MET data file and radiation data files are designed to be loaded into the simulator before the start of the drill (This may be changed on a case by case basis). This is done so that there is time to have the simulator services group address any malfunctions with loading these files.

NOTE: After loading new rad files into the simulator you will need to monitor the radiation monitor response for a few minutes to ensure it actually loaded. During some validations the radiation monitors stopped increasing because the file did not load.

22 Instructions and Roles for Controllers, Evaluators, and Visitors**Role of a Controller:****Exercise Conduct**

- Pass out data and messages required to guide the exercise.
- Provide additional information to emergency responders that they may request concerning accident details as long as this information would be directly available to them if this were a real event (earned data concept).
- Be familiar with the scenario, the data, and the messages you may have to pass out.
- Take whatever actions are required to keep the scenario on course (coordinate action with the Lead Controller when they are not within the scope of the existing scenario).
- Report to your Lead Controller any problems you are unable to resolve or impact multiple emergency facilities.
- Lead Controllers attend the controllers meeting in which the lead controller will act as spokesperson for their functional area. This meeting will determine the need for a formal Exercise Presentation to site management.

Exercise Evaluation (ONLY when this will not interfere with Exercise Control)

- Record any areas where you believe improvement is needed and present your comments at the post-exercise controller critique.
- Record any areas where you believe improvement is needed and present your comments at the post-exercise controller critique.
- Attend Post-Exercise Critique and develop list of action items to improve the EP response capability.

Role of an Evaluator:

- Record the positive and negative observations on player actions using the evaluation sheets provided in your scenario package.
- Record any areas where you believe improvement is needed and present your comments at the post-exercise controller critique.
- Attend Post-Exercise Critique and develop list of action items to improve the EP response capability.

Role of a Visitor/Observer:**Observation ONLY!**

- Do not interact with the players.
- Do not discuss the scenario, impressions, or details during the exercise with anyone except controllers or evaluators.
- For scenario purposes you do not exist. Therefore having no interaction with the participants is your goal (and thereby no impact on their performance). Visitors are included in exercise for the personal improvement of the visitor, not the emergency organization.
- If you have any questions, check with the Lead Controller for your area.

23 Instructions for the Conduct of an Exercise**General Conduct:**

- Know the overall controller organization
- Identify participants by position and name in notes, logs, and conversations.
- Identify yourself at all times and to all players by uses of a controller armband.
- The participants are expected to obtain information through the emergency organization and exercise their own judgment in determining response actions and resolving problems. In the event of an incorrect response, incomplete response, or if the participant indicates he does not know how to proceed; the controller may redirect the participant with the necessary instructions and will note the necessity to prompt on his evaluation sheet(s). Permission to prompt must be obtained from the Exercise Coordinator.
- Equipment problems not covered in the OSC Tasks section will be handled by the controllers as to minimize the impact on the exercise.
- There are not specific meal breaks in the exercise. Controllers should break for meals as time permits after consulting with their Lead Controller. Emergency Team Leaders should determine when their team should break for meals.

Exercise Control:

- Inform the Lead Controller of your pager number or other methods of reaching you quickly during the exercise if this is necessary.
- Remember to call the lead controller to report on the status of the players actions.
- Position yourself to maximize your effectiveness
- Personnel are assigned as controllers at all key functional areas to monitor and control the exercise. They will accompany radiological monitoring teams, maintenance, search/rescue, and other teams as needed to provide the sensory information as necessary.
- The controller activities will be overseen by the Exercise Coordinator who will be in near constant communications with Lead Controllers for each facility. He will be responsible for the overall conduct of the exercise scenario.
- Messages and simulated Control Room data will be used to initiate, modify, and complete the events comprising the overall scenario. Selected controllers will use the messages sheets or OSC Task sheets to place the scenario events into effect and to trigger responses from the involved emergency responders. Each controller will have copies of the messages controlling the portion of the exercise scenario for which he is responsible. Participants are not allowed to interject events into the scenario.
- Controlling messages will be presented to the designated exercise participant at the time and under the conditions specified on the messages. Controllers should follow-up any messages with any necessary clarifying explanation to ensure that the participant fully understands the message.
- Selected Controllers will have real time-related plant and radiological data for issuance to exercise participants in position to have earned the data.

Plant Operations:

- Any portions of the scenario depicting plant system operations transients are simulated

- No actions involving operations of actual equipment impacting actual operation of the site
- All exercise messages, especially on radio, should include "This is a Drill"
- Controllers stationed at vital areas should be especially careful regarding operations of actual plant equipment

Scenario Awareness:

- Be aware at all times of where you are in the scenario. Don't leave your post at key times. Your Lead Controller can arrange for a replacement controller as needed.
- Be sure you understand the player's actions and the master scenario,
- Keep the scenario on schedule by checking your timeline frequently.
- Issue the message(s) on time
- Do not issue messages that are inconsistent with the scenario or add events that were not approved in advance by your Lead Controller. Additional events may adversely impact our ability to evaluate the established objectives and must be carefully screened before being added to the exercise.

Interaction with Players:

- Allow players some flexibility to do their function and demonstrate their skills, knowledge, and initiative.
- Do not prompt the players. Examples of prompting:
 1. A controller who directs a player to perform an activity that the player would not have performed absent the prompt.
 2. A controller who provides information that would not have yet been discoverable by any player.
 3. A controller who by direct statements or facial expressions or other body language indicates to a player that the just-completed action is incorrect, such that the player re-performs the action and reaches a different endpoint than he would have absent the prompting.
 4. A controller who provides a player with information that was not —earnedll via simulation of an activity, if in doing so the player is alerted to his failure to perform the simulated activity. Specifically:
 - a. It is prompting for a controller to provide a field team with sample readings when the field team did not simulate taking or analyzing that reading or sample.
 - b. It is prompting for a controller to ask a field team what their dosimeter reads when the field team hasn't read their dosimeters since they left the plant.
 - c. It is not prompting for a controller to provide information to a player if, during an actual event, the information would have been readily obvious, for example, a controller telling a player doing a plant tour that an explosion had just occurred in that plant area or an adjacent area. Note, however, that a controller telling the ED in the TSC of an explosion in a HPSI quadrant is prompting because the ED had no reason to know the information, even in an actual event.

5. Controller statements to a player such as:
- Are you sure that's correct?
 - Is that what the procedure calls for?
 - That's not correct. Try this approach.
 - Did you see this change in the display?
 - Are you aware the ED just declared an Alert?
 - Have you made the notification yet?
- Identify the player's leader and work with him as appropriate.
 - Don't allow media or other external influences to distract the players. No interviews with players are allowed during the exercises as this may be detrimental to the overall performance.
 - Some exercise participants may insist that certain parts of the scenario are unrealistic. Controllers have the authority and responsibility to prevent this from interfering with the performance of the exercise. Controllers have the authority upon coordination with the Lead Controller to clarify any questions and basis of technical disagreements. In some cases, it may be necessary to invoke "Controllers Prerogative" to preserve the continuity of the exercise.

Personnel Safety:

- If a real emergency occurs, suspend the exercise and notify your Lead Controller IMMEDIATELY! Report any hazardous condition immediately.
- Controllers, evaluators, and visitors are not required to respond to the SIMULATED conditions (radiological, industrial, etc.). However, ALL PERSONNEL MUST FOLLOW ALL NORMAL SITE SAFETY PROCEDURES.
- Be sure to have a hard-hat, hearing protection, and safety glasses with you when entering the plant

24 De-brief worksheets

24.1 Instructions:

The players, controllers, and evaluators will critique TVA's preparation, processes, facilities, and performance of this exercise. It is vital that our critique is very self-critical. The Critique process is one of the Planning Standards for the EP program. It is an essential part of Drill and Exercise program. The Players critique provides an opportunity for the ERO to self-identify any issues with our ability to protect the health and safety of the public and identify improvements that are needed in REP program.

The Controllers and Evaluators Critique provides an additional opportunity to improve our REP program. Issues discovered during the critique will be evaluated against the planning standards and TVA's corrective action program.

The focus of the critique process will be on the drill objectives. During the critique the lead controller will act as a facilitator and provide the drill objectives to the manager of the facility. The manager of the facility will lead the critique within the ERF and then at the Site Critique Meeting. Each objective and evaluation criteria should be reviewed during the ERF critique. The following critique agenda should be used.

Agenda for the ERF Critique Meeting:

1. Give all players in the facility a copy of the ERF objectives and the criteria.
2. Inform the ERF members to keep this part of the de-brief short and focused on the objectives only. The Site Critique Meeting will follow this de-brief.
3. Ask the Manager of the facility to lead the discussion on the objectives and criteria.
4. Instruct ERF members to the location of the Site Critique Meeting.

Agenda for the Site Critique Meeting:

1. Tell the Manager of the facility that when the players return the lead controller will go over some guidelines and discuss the timeline. The Lead Controller will then turn over the critique to the manager of the facility. The manager should turn the critique over to the next ERF Manager when the players are finished.
2. When the players return from the break cover the following:
 - a. Being self-critical is very important.
 - b. Try not to fix the issues during the critique.
 - c. Try to join in when a topic is being discussed. This is to prevent reopening issues later in the critique.
3. Start the discussion with a review of the timeline.
4. Turn over the critique to the Manager of the facility.
5. During the discussion, if needed ask why and how questions to draw out information from the players.
6. When the players have finished their discussion ask if any controllers have any other issue that was not discussed.

24.2 Simulator Objectives:

NOTE: Make copies of this package for all participants

1. The SM demonstrates ability to promptly assume and carry out duties of the Site Emergency Director upon the initial classification of an emergency event per EPIP. (A.1)
2. The SM demonstrates ability to adequately staff and activate facilities promptly in support of postulated emergency conditions per EPIP. (B.2)
3. The SED demonstrate ability to effectively assess postulated plant indications, alarms and reports, and correctly classify an emergency event in a timely manner per EPIP. (D.1)
4. The SED demonstrates ability to notify on call ERO personnel in a timely manner upon classification of an emergency event per EPIP. (E.1) (Biennial)
5. The SM demonstrates ability to notify the NRC within one hour of initially declaring or reclassifying an emergency event per SPP-3.5. (E.4) (Biennial)
6. Demonstrate ability to communicate clearly and effectively with shift and OSC repair/assessment team personnel dispatched in plant per EPIP. (COM)(F.3) (Biennial)
7. Demonstrate the ability to develop, control and manage the drill per EPDP-3(P.1)

IF you had **equipment problems** that you would like to report, list them here:

(-) **Negative critique items** that you would like to report in the Post Exercise Critique:

(+) **Positive critique items** that you would like to see reinforced in the future:

Continue comments on back of sheet if needed.

Name: _____ Contact Number for follow-up: _____
(Name is Optional)

24.3 TSC Objectives:

NOTE: Make copies of this package for all participants

1. The SED demonstrates ability to establish and revise in plant ERO priorities during a transient and effectively utilize ERO personnel to address priorities. (A.4)
2. The SED demonstrate ability to effectively coordinate facility activities and to update facility staff on event status, priorities, and expected actions per the EPIP. (A.5)
3. Demonstrate the ability to timely activate the Technical Support Center (TSC), Operational Support Center (OSC) and Central Emergency Command Center (CECC). (A.12)
4. Demonstrate the ability of key ERO personnel to perform the staffing responsibilities outlined in the REP appendix for given site for the event postulated. (B.5)
5. The SED demonstrate ability to correctly identify a series of postulated emergency events which escalate to a Site Area classification per EPIP. (D.2)
6. The SED demonstrate ability to correctly identify a series of postulated emergency events which escalate to a General Emergency classification per EPIP. (D.2)
7. Demonstrate ability to communicate clearly and effectively between onsite facilities and the CECC per EPIP. (COM)(F.2)
8. Emergency Preparedness support activities such as status boards and human performance tools are demonstrated throughout the drill in the TSC. (H.4)
9. Demonstrate the ability to identify the source of an actual or potential radiological release and postulated magnitude based on plant system parameters and effluent monitors per EPIP. (RP)(I.1)
10. The SED demonstrates the ability to make decisions, based on predetermined criteria, whether to issue potassium iodide (KI) to Plant emergency workers per EPIP.(J.6)
11. RP demonstrate ability to effectively monitor and control emergency worker exposures per Plant procedures.(K.1)
12. The SED demonstrate the ability to authorize extensions for Plant emergency worker exposures in an expeditious manner which takes into account reasonable consideration of relative risks per EPIP.(K.2)
13. RP demonstrate onsite contamination control measures, including area access control, drinking water and food supplies, and criteria for permitting return of areas and items to normal use per EPIP.(K.5)
14. Demonstrate the ability to develop, control and manage the drill per EPDP-3(P.1)

IF you had **equipment problems** that you would like to report, list them here:

(-) **Negative critique items** that you would like to report in the Post Exercise Critique:

(+) **Positive critique items** that you would like to see reinforced in the future:

Continue comments on back of sheet if needed.

Name: _____ Contact Number for follow-up: _____
(Name is Optional)

24.4 OSC Objectives:

NOTE: Make copies of this package for all participants

1. Demonstrate ability of key ERO personnel to coordinate emergency assessment and response activities during a radiological event per EPIP. (A.3)
2. The director of the OSC demonstrates ability to coordinate the assembly, effective briefing/debriefing, and timely dispatching of OSC teams per EPIP. (A.6)
3. Demonstrate the ability to timely activate the Technical Support Center (TSC), Operational Support Center (OSC), Joint Information Center (JIC) and Central Emergency Command Center (CECC). (A.12)
4. Demonstrate ability to communicate clearly and effectively with shift and OSC repair/assessment team personnel dispatched in plant per EPIP. (COM)(F.3)
5. Demonstrate the availability of equipment to effectively support facility operations of the OSC per EPIP.(H.1)
6. Demonstrate the ability to retrieve offsite meteorological, hydrologic or seismic data.(H.3)
7. Emergency Preparedness support activities such as status boards and human performance tools are demonstrated throughout the drill in the OSC. (H.5)
8. Demonstrate ability to mobilize and deploy REP vans in a timely manner per CECC EPIP.(RM)(I.2)
9. The ERO demonstrate ability to effectively warn or advise plant personnel or individuals onsite or in adjacent owner controlled area per EPIP. (J.1)
10. ERO demonstrate adequate equipment and procedures for individual respiratory protection and use of protective clothing for individuals remaining or arriving onsite during the postulated emergency event per EPIP (J.5).
11. RP demonstrate the ability to assign personal dosimetry, effectively monitor exposure at appropriate frequencies, and maintain accurate dose records for Plant emergency workers per EPIP.(RP)(K.3)
12. RP demonstrate adequate equipment and procedures for decontamination of Plant emergency workers and equipment per EPIP.(K.4)
13. RP demonstrate appropriate equipment and procedures for determining ambient radiation levels per EPIP. (RP)(N.1)
14. Demonstrate the ability to develop, control and manage the drill per EPDP-3(P.1)

IF you had **equipment problems** that you would like to report, list them here:

(-) **Negative critique items** that you would like to report in the Post Exercise Critique:

(+) **Positive critique items** that you would like to see reinforced in the future:

Continue comments on back of sheet if needed.

Name: _____ Contact Number for follow-up: _____
(Name is Optional)

24.5 CECC Objectives:

NOTE: Make copies of this package for all participants

1. The CECC director demonstrates ability to effectively coordinate facility activities and to update facility staff on event status, priorities, and expected actions per the EPIP. (A.7)
2. When the CECC is staffed demonstrate ability to effectively transfer control of REP Van's between the TSC and CECC per EPIP. (A.8)
3. The Environs Assessor demonstrates ability to effectively control REP van movements in relation to the release plume per EPIP. (A.9)
4. Demonstrate the ability to timely activate the Technical Support Center (TSC), Operational Support Center (OSC), Joint Information Center (JIC) and Central Emergency Command Center (CECC). (A.12)
5. Demonstrate the ability to effectively integrate assistance resources from federal agencies to augment the plants emergency response capabilities per REP. (C.1)
6. Demonstrate the ability to provide a liaison at each participating offsite governmental Emergency Operations Center (EOC) per CECC EPIP. (C.2)
7. The SED demonstrate ability to notify the applicable State and local counties within 15 minutes of initially declaring and reclassifying an emergency event per EPIP. (E.2)
8. The CECC director demonstrate ability to periodically update Federal, State and local county officials and agencies on the status of emergency based on available information CECC EPIP. (E.3)
9. Demonstrate ability to communicate clearly and effectively between onsite facilities and the CECC per EPIP. (COM)(F.2)
10. The Environs Assessor demonstrate ability to communicate clearly and effectively with Radiation Monitoring Teams per CECC EPIP (COM)(F.4)
11. The CECC establishes communications with contiguous State and local governments within the 10 mile Emergency Planning Zones (EPZ) per EPIP. (COM)(F.6)
12. Identify and share any communication information (talking points/news releases, etc.) issued or drafted prior to CECC activation. (G.8)
13. Demonstrate that timely, accurate news releases are prepared, properly approved and distributed (G.9)
14. Appropriate non-CECC contacts are notified and kept informed of emergency status and CECC activities by the PIM and/or Liaison (G.10)
15. Emergency Preparedness support activities such as status boards and human performance tools are demonstrated throughout the drill in the CECC. (H.6)
16. Demonstrate ability to project exposures based on plant effluent monitor readings and field data for various meteorological conditions per EPIP.(DA)(I.4)
17. Demonstrate ability for determining the source term of releases of radioactive material within plant systems. (i.e., relationship between containment radiation monitor readings and radioactive material available for release from containment) per EPIP.(DA)(I.5)
18. Demonstrate ability to effectively track airborne radioactive plume using REP vans.(RM)(I.6)

19. Demonstrate provisions made for estimating integrated (accumulated) dose from projected and actual dose rates and for comparing these estimates with Protective Action Guidelines (PAGs) per EPIP.(DA)(I.9)
20. Demonstrate onsite capability and resources to provide initial values and continuing assessment throughout the course of an accident, to include: radiation and effluent monitors, in plant monitoring and containment monitoring per EPIP(RP)(I.10)
21. Demonstrate the Plant Assessment Team (PAT) ability to perform core damage assessment per the CECC EPIP.(I.12)
22. The Director demonstrate ability to determine appropriate protective action recommendations for the general public based on REP and EPA Protective Action Guidelines (PAGs)(J.2).
23. Demonstrate the ability to develop, control and manage the drill per EPDP-3(P.1)

IF you had equipment problems that you would like to report, list them here:

(-) Negative critique items that you would like to report in the Post Exercise Critique:

(+) Positive critique items that you would like to see reinforced in the future:

Continue comments on back of sheet if needed.

Name: _____
(Name is Optional)

Contact Number for follow-up: _____

24.6 JIC Objectives:

NOTE: Make copies of this package for all participants

1. Demonstrate points of contact and physical locations for use by news media during an emergency during a REP event. (G.1)
2. Demonstrate that adequate space is available at the JIC for a limited number of news media per EPIP. (G.2)
3. Demonstrate the ability to designate a spokesperson having access to necessary information and arrange for a timely exchange of information among designated spokespersons per EPIP. (G.3)
4. Demonstrate the ability to brief media representatives in a clear, accurate and timely manner per EPIP. (G.4)
5. Demonstrate the ability to monitor the media to detect and correct errors per EPIP. (G.5)
6. Demonstrate the ability to establish and operate rumor control in a coordinated fashion per EPIP. (G.6)
7. Demonstrate the ability to activate the JIC per EPIP. (G.7)
8. Emergency Preparedness support activities such as status boards and human performance tools are demonstrated throughout the drill in the JIC.(H.7)
9. Demonstrate the ability to develop, control and manage the drill per EPDP-3(P.1)

IF you had **equipment problems** that you would like to report, list them here:

(-) **Negative critique items** that you would like to report in the Post Exercise Critique:

(+) **Positive critique items** that you would like to see reinforced in the future:

Continue comments on back of sheet if needed.

Name: _____ Contact Number for follow-up: _____
(Name is Optional)

2016 SQN Graded Exercise

Chemistry Data

[illegible][illegible]

[illegible]

[illegible]

[illegible][illegible]

[illegible][illegible]

	U1_RCS	U1_UCmnt	U1_LCmnt	U1_Sump	U1_SG_1	U1_SG_2	U1_SG_3	U1_SG_4	SGBD Mix	SI_1A_HL	SI_1B_HL	SI_1_C1	CVCS_Pmp	Letdown	VCT	RHR1A_HL	RHR1B_HL	RHR1A_CL	RHR1B_CL	U1_CS_A	U1_CS_B	U1_CCS	Gross
Gross	12.0E-01	6.9E-09	6.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-02	1.8E-01	5.6E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	11.6E-03	1.5E-10	1.3E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.7E-05	1.5E-03	4.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	11.4E-03	1.2E-10	1.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.0E-05	1.2E-03	3.7E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	13.6E-03	3.3E-10	2.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-04	3.2E-03	9.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	12.2E-02	2.0E-09	1.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-03	1.9E-02	5.9E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	11.3E-02	1.2E-09	1.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.5E-04	1.1E-02	3.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	11.5E-02	1.3E-09	1.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.7E-04	1.3E-02	4.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	15.0E-04	1.4E-13	1.2E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-05	4.5E-04	1.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	15.2E-03	1.4E-12	1.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-04	4.7E-03	1.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	14.4E-03	1.2E-12	1.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.6E-04	3.9E-03	1.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	17.7E-03	2.1E-12	1.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.6E-04	6.9E-03	2.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	16.5E-03	1.8E-12	1.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.9E-04	5.9E-03	1.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	19.7E-02	2.7E-11	2.4E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.8E-03	8.7E-02	2.7E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	15.0E-04	1.4E-13	1.2E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-05	4.5E-04	1.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	11.4E-04	3.8E-14	3.3E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.2E-06	1.2E-04	3.8E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	13.6E-03	9.6E-11	7.2E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.2E-04	3.3E-03	9.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	19.6E-04	2.7E-13	2.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.7E-05	8.6E-04	2.6E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	11.8E-02	1.6E-09	1.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-03	1.6E-02	4.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	16.4E-05	1.8E-14	1.6E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.8E-06	5.8E-05	1.8E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	19.5E-05	2.6E-14	2.3E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.6E-06	8.5E-05	2.6E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	Outside	River	ERCW 1A	ERCW 1B	ERCW 2A	ERCW 2B	EGTS A	EGTS B	Annulus1	Annulus2	WGDteff1	SHLdbld1	SHLdbld2	AB_VENT	ABGT5_A	ABGT5_B	FURGE_A	FURGE_B				Gross	
Gross	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

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	U2_RCS	U2_Uchmt	U2_Lcmt	U2_Sump	U2_SG_1	U2_SG_2	U2_SG_3	U2_SG_4	SG80M4x2	SI_2A_HL	SI_2B_HL	SI_2_CL	U2_CVCS	U2_Ietdn	U2_VCT	RHR2A_HL	RHR2B_HL	RHR2A_CL	RHR2B_CL	U2_CS_A	U2_CS_B	U2_CS_C	
Gross	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross	
Kr85m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m	
Kr87	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87	
Kr88	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88	
Xe133	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133	
Xe133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m	
Xe135	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135	
I131	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131	
I132	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132	
I133	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133	
I134	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134	
I135	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135	
F18	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18	
Co58	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58	
Co60	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60	
Rb88	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88	
Na24	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24	
Ar41	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41	
Te129	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129	
Nb95	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95	
Tc99m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m	
Cs134	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134	
Cs137	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137	
Ba140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140	
La140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140	
Pr146	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146	

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	U1_RCS	U1_UCmnt	U1_LCmnt	U1_Sump	U1_SG_1	U1_SG_2	U1_SG_3	U1_SG_4	SGBD Mix	SI_1A_HL	SI_1B_HL	SI_1CL	CVCS_Pmp	Letdown	VCT	RHR1A_HL	RHR1B_HL	RHR1A_CL	RHR1B_CL	U1_CS_A	U1_CS_B	U1_CCS	Gross
Gross	11.7E-01	5.8E-08	1.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-04	1.4E-03	6.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr85m	11.5E-03	1.2E-09	3.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-04	1.4E-03	6.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	19.8E-04	8.4E-10	2.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.6E-05	9.5E-04	4.7E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	13.1E-03	2.6E-09	6.5E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.7E-04	2.9E-03	1.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	12.1E-02	1.7E-08	4.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E-03	2.0E-02	9.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	11.2E-02	1.0E-08	2.5E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-03	1.2E-02	5.7E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	11.4E-02	1.1E-08	2.9E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-03	1.3E-02	6.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	14.8E-04	1.2E-12	3.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.2E-05	4.6E-04	2.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	14.3E-03	1.1E-11	2.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.8E-04	4.1E-03	2.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	14.1E-03	1.0E-11	2.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.6E-04	3.9E-03	1.9E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	14.9E-03	1.3E-11	3.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.3E-04	4.8E-03	2.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	15.9E-03	1.5E-11	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.2E-04	5.7E-03	2.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	17.7E-02	2.0E-10	4.9E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.8E-03	7.4E-02	3.7E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	14.8E-04	1.2E-12	3.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.2E-05	4.6E-04	2.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	11.3E-04	3.4E-13	8.3E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-05	1.3E-04	6.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	13.0E-03	1.5E-09	3.0E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.7E-04	2.9E-03	1.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	19.0E-04	2.3E-12	5.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.9E-05	8.7E-04	4.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	11.4E-02	1.2E-08	3.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-03	1.3E-02	6.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	16.2E-05	1.6E-13	3.9E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.4E-06	5.9E-05	2.9E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	19.0E-05	2.3E-13	5.7E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.9E-06	8.7E-05	4.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	Outside	River	ERCW 1A	ERCW 1B	ERCW 2A	ERCW 2B	EGTS A	EGTS B	Annulus1	Annulus2	WGUTeff1	SHLDbld1	SHLDbld2	AB_VENT	ABGT5_A	ABGT5_B	FURGE_A	FURGE_B					Gross
Gross	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+																		

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	U2_RCS	U2_Ucmt	U2_Icmt	U2_Sump	U2_SG_1	U2_SG_2	U2_SG_3	U2_SG_4	SGBMMx2	ST_2A_HL	ST_2B_HL	SI_2_CL	U2_CVCS	U2_Tebdn	U2_VCT	RHR2A_HL	RHR2B_HL	RHR2A_CL	RHR2B_CL	U2_CS_A	U2_CS_B	U2_CCS	
Gross	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

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	U1_RCS	U1_Ucnmt	U1_LCnmt	U1_Sump	U1_SG_1	U1_SG_2	U1_SG_3	U1_SG_4	SGBD Mix	SI_1A_HL	SI_1B_HL	SI_1C_CL	CVCS_Pmp	Letdown	VCT	RHR1A_HL	RHR1B_HL	RHR1A_CL	RHR1B_CL	U1_CS_A	U1_CS_B	U1_CCS	Gross
Gross	11.5E-01	1.5E-07	1.7E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.9E-02	1.5E-01	1.4E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	11.3E-03	3.2E-09	3.5E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.8E-04	1.3E-03	1.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	17.2E-04	1.8E-09	2.0E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-04	7.3E-04	6.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	12.6E-03	6.4E-09	7.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E-03	2.6E-03	2.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	12.0E-02	4.9E-08	5.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-02	2.0E-02	1.9E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	1.2E-02	2.8E-08	3.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.0E-03	1.2E-02	1.1E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	11.3E-02	3.1E-08	3.5E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.8E-03	1.3E-02	1.2E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	14.6E-04	3.4E-12	3.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8E-04	4.7E-04	4.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	13.6E-03	2.6E-11	2.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-03	3.6E-03	3.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	13.9E-03	2.9E-11	3.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.3E-03	3.9E-03	3.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	13.2E-03	2.4E-11	2.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.9E-03	3.2E-03	3.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	15.5E-03	4.0E-11	4.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.3E-03	5.5E-03	5.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	16.2E-02	4.5E-10	5.0E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.7E-02	6.2E-02	5.8E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	14.7E-04	3.4E-12	3.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8E-04	4.7E-04	4.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	11.3E-04	9.4E-13	1.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.7E-05	1.3E-04	1.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	12.6E-03	4.7E-09	4.0E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-03	2.6E-03	2.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	18.5E-04	6.2E-12	7.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.1E-04	8.6E-04	7.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	11.1E-02	2.7E-08	3.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.7E-03	1.1E-02	1.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	15.9E-05	4.4E-13	4.9E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.6E-05	6.0E-05	5.6E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	18.7E-05	6.4E-13	7.1E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.2E-05	8.8E-05	8.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	Outside	River	ERCW 1A	ERCW 1B	ERCW 2A	ERCW 2B	EGTS A	EGTS B	Annulus1	Annulus2	WGDTeff1	SHLDbld1	SHLDbld2	AB_VENT	ABGT'S A	ABGT'S B	FURGE A	FURGE B					
Gross	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00</																		

Gross	Kr85m	Kr87	Kr88	Xe133	Xe133m	Xe135	I131	I132	I133	I134	I135	F18	Co58	Co60	Rb88	Na24	Ar41	Te129	Nb95	Tc99m	Cs134	Cs137	Ba140	La140	Pr146	Gross	Kr85m	Kr87	Kr88	Xe133	Xe133m	Xe135	I131	I132	I133	I134	I135	F18	Co58	Co60	Rb88	Na24	Ar41	Te129	Nb95	Tc99m	Cs134	Cs137	Ba140	La140	Pr146	Gross	Kr85m	Kr87	Kr88	Xe133	Xe133m	Xe135	I131	I132	I133	I134	I135	F18	Co58	Co60	Rb88	Na24	Ar41	Te129	Nb95	Tc99m	Cs134	Cs137	Ba140	La140	Pr146	Gross	Kr85m	Kr87	Kr88	Xe133	Xe133m	Xe135	I131	I132	I133	I134	I135	F18	Co58	Co60	Rb88	Na24	Ar41	Te129	Nb95	Tc99m	Cs134	Cs137	Ba140	La140	Pr146	Gross	Kr85m	Kr87	Kr88	Xe133	Xe133m	Xe135	I131	I132	I133	I134	I135	F18	Co58	Co60	Rb88	Na24	Ar41	Te129	Nb95	Tc99m	Cs134	Cs137	Ba140	La140	Pr146	Gross	Kr85m	Kr87	Kr88	Xe133	Xe133m	Xe135	I131	I132	I133	I134	I135	F18	Co58	Co60	Rb88	Na24	Ar41	Te129	Nb95	Tc99m	Cs134	Cs137	Ba140	La140	Pr146	Gross	Kr85m	Kr87	Kr88	Xe133	Xe133m	Xe135	I131	I132	I133	I134	I135	F18	Co58	Co60	Rb88	Na24	Ar41	Te129	Nb95	Tc99m	Cs134	Cs137	Ba140	La140	Pr146	Gross	Kr85m	Kr87	Kr88	Xe133	Xe133m	Xe135	I131	I132	I133	I134	I135	F18	Co58	Co60	Rb88	Na24	Ar41	Te129	Nb95	Tc99m	Cs134	Cs137	Ba140	La140	Pr146	Gross	Kr85m	Kr87	Kr88	Xe133	Xe133m	Xe135	I131	I132	I133	I134	I135	F18	Co58	Co60	Rb88	Na24	Ar41	Te129	Nb95	Tc99m	Cs134	Cs137	Ba140	La140	Pr146	Gross	Kr85m	Kr87	Kr88	Xe133	Xe133m	Xe135	I131	I132	I133	I134	I135	F18	Co58	Co60	Rb88	Na24	Ar41	Te129	Nb95	Tc99m	Cs134	Cs137	Ba140	La140	Pr146	Gross</
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	U02_RCS	U02_Ucmtt	U02_Lcmtt	U02_Slump	U02_SC_1	U02_SC_2	U02_SC_3	U02_SC_4	SGBDini2	SI_2A_HL	SI_2B_HL	SI_2_CL	U2_CVCS	U02_Letchn	U2_VCT	RHR2A_HL	RHR2B_HL	RHR2A_CL	RHR2B_CL	U2_CS_A	U2_CS_B	U2_OCS	
Gross	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross	
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m	
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87	
Kr98	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr98	
Xe133	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133	
Xe133m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m	
Xe135	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135	
I131	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131	
I132	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132	
I133	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133	
I134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134	
I135	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135	
F18	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18	
Co58	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58	
Co60	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60	
Rb88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88	
Na24	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24	
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41	
Te129	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129	
Nb95	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95	
Tc99m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m	
Cs134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134	
Cs137	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137	
Ba140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140	
La140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140	
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146	

Elev_653	U1_RHR_A	U1_RHR_B	U1_CS_A	U1_CS_B	TDCT_RM	FDCT_RM	EVAP_PMP	STRIP_RM	U2_RHR_A	U2_RHR_B	U2_CS_A	U2_CS_B	Elev_669	U2_SI_A	U2_SI_B	U2_TDAFW	U2_CCP_A	U2_CCP_B	U2_CCP_C	WSDT_RM1	WSDT_RM2	Gross	
Gross	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

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	Outside	River	ERPCV_1A	ERPCV_1B	ERPCV_2A	ERPCV_2B	EGTS_A	EGTS_B	Annulus1	Annulus2	WDMTeffl	SHLDbld1	SHLDbld2	AB_VENT	ABSTS_A	ABSTS_B	FURGE_A	FURGE_B		
Gross	3.7E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-06	0.0E+00	1.6E-06	0.0E+00	4.2E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	17.6E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.1E-09	0.0E+00	3.3E-08	0.0E+00	0.0E+00	8.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	13.5E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.9E-08	0.0E+00	1.5E-08	0.0E+00	3.9E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	11.5E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.6E-08	0.0E+00	6.4E-08	0.0E+00	1.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	11.2E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.7E-07	0.0E+00	5.5E-07	0.0E+00	1.4E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	7.2E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.9E-07	0.0E+00	3.2E-07	0.0E+00	8.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	7.8E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.2E-07	0.0E+00	3.5E-07	0.0E+00	8.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	14.4E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-13	0.0E+00	3.8E-11	0.0E+00	5.0E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	12.9E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E-12	0.0E+00	2.5E-10	0.0E+00	3.3E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	13.7E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.9E-12	0.0E+00	3.2E-10	0.0E+00	4.1E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	12.0E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-12	0.0E+00	1.8E-10	0.0E+00	2.3E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	14.9E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.6E-12	0.0E+00	4.3E-10	0.0E+00	5.6E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	14.9E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.6E-11	0.0E+00	4.2E-09	0.0E+00	0.0E+00	5.5E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	12.2E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-13	0.0E+00	3.9E-11	0.0E+00	2.5E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	6.1E-18	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.2E-14	0.0E+00	1.1E-11	0.0E+00	6.8E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	17.2E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.3E-08	0.0E+00	3.7E-08	0.0E+00	6.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	13.9E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-13	0.0E+00	6.9E-11	0.0E+00	0.0E+00	4.5E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	15.8E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-07	0.0E+00	2.6E-07	0.0E+00	6.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	12.8E-18	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-14	0.0E+00	4.9E-12	0.0E+00	3.2E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	14.1E-18	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.2E-14	0.0E+00	7.2E-12	0.0E+00	4.6E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	U2_PCS	U2_Ucrrnt	U2_Icrrnt	U2_Sump	U2_SG_1	U2_SG_2	U2_SG_3	U2_SG_4	SGBM4x2	SI_2A_HL	SI_2B_HL	SI_2_C_L	U2_CVCS	U2_Letdtn	U2_VCT	RHR2A_HL	RHR2B_HL	RHR2A_CL	RHR2B_CL	U2_CS_A	U2_CS_B	U2_CCS	
Gross	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	Elev_653	U1_RHR_A	U1_RHR_B	U1_CS_A	U1_CS_B	TDCT_RM	FDCT_RM	EVAP_RMP	STRIP_RM	U2_RHR_A	U2_RHR_B	U2_CS_A	U2_CS_B	Elev_669	U2_SI_A	U2_SI_B	U2_TDAFW	U2_CCP_A	U2_CCP_B	U2_CCP_C	WGDT_RM1	WGDT_RM2	
Gross	1.6E-14	9.0E-17	9.0E-17	9.0E-17	9.0E-17	3.0E-17	2.2E-16	4.1E-16	8.5E-16	9.0E-17	9.0E-17	9.0E-17	9.0E-17	1.4E-12	7.7E-15	7.7E-15	7.7E-15	7.7E-15	7.7E-15	7.7E-15	6.7E-15	6.7E-15	Gross
Kr85m	1.3E-16	1.8E-18	1.8E-18	1.8E-18	1.8E-18	6.1E-18	4.6E-18	8.4E-18	1.9E-17	1.8E-18	1.8E-18	1.8E-18	1.8E-18	2.8E-14	1.6E-16	1.6E-16	1.6E-16	1.6E-16	1.6E-16	1.6E-16	1.4E-16	1.4E-16	Kr85m
Kr87	1.15E-16	8.5E-19	8.5E-19	8.5E-19	8.5E-19	2.8E-18	2.1E-18	3.9E-18	8.0E-18	8.5E-19	8.5E-19	8.5E-19	8.5E-19	1.3E-14	7.3E-17	7.3E-17	7.3E-17	7.3E-17	7.3E-17	7.3E-17	6.3E-17	6.3E-17	Kr87
Kr88	1.62E-16	3.5E-18	3.5E-18	3.5E-18	3.5E-18	1.2E-17	8.8E-18	1.6E-17	3.4E-17	3.5E-18	3.5E-18	3.5E-18	3.5E-18	5.4E-14	3.1E-16	3.1E-16	3.1E-16	3.1E-16	3.1E-16	3.1E-16	2.7E-16	2.7E-16	Kr88
Xe133	15.3E-15	3.0E-17	3.0E-17	3.0E-17	3.0E-17	1.0E-16	7.5E-17	1.4E-16	2.9E-16	3.0E-17	3.0E-17	3.0E-17	3.0E-17	4.6E-13	2.6E-15	2.6E-15	2.6E-15	2.6E-15	2.6E-15	2.6E-15	2.3E-15	2.3E-15	Xe133
Xe133m	1.3E-15	1.8E-17	1.8E-17	1.8E-17	1.8E-17	5.8E-17	4.4E-17	8.1E-17	1.7E-16	1.8E-17	1.8E-17	1.8E-17	1.8E-17	2.7E-13	1.5E-15	1.5E-15	1.5E-15	1.5E-15	1.5E-15	1.5E-15	1.3E-15	1.3E-15	Xe133m
Xi135	1.4E-15	1.9E-17	1.9E-17	1.9E-17	1.9E-17	6.3E-17	4.7E-17	8.7E-17	1.8E-16	1.9E-17	1.9E-17	1.9E-17	1.9E-17	2.9E-13	1.6E-15	1.6E-15	1.6E-15	1.6E-15	1.6E-15	1.6E-15	1.4E-15	1.4E-15	Xi135
Ii131	1.9E-21	1.1E-23	1.1E-23	1.1E-23	1.1E-23	3.5E-23	2.7E-23	4.9E-23	1.0E-22	1.4E-23	1.1E-23	1.1E-23	1.1E-23	1.6E-19	9.3E-22	9.3E-22	9.3E-22	9.3E-22	9.3E-22	9.3E-22	8.1E-22	8.1E-22	Ii131
Ii132	1.1E-20	7.1E-23	7.1E-23	7.1E-23	7.1E-23	2.3E-22	1.8E-22	3.2E-22	6.8E-22	7.1E-23	7.1E-23	7.1E-23	7.1E-23	1.1E-18	6.1E-21	6.1E-21	6.1E-21	6.1E-21	6.1E-21	6.1E-21	5.3E-21	5.3E-21	Ii132
Ii133	1.1E-20	8.9E-23	8.9E-23	8.9E-23	8.9E-23	2.9E-22	2.2E-22	4.1E-22	8.5E-22	8.9E-23	8.9E-23	8.9E-23	8.9E-23	1.3E-18	7.7E-21	7.7E-21	7.7E-21	7.7E-21	7.7E-21	7.7E-21	6.7E-21	6.7E-21	Ii133
Ii134	1.8E-21	5.0E-23	5.0E-23	5.0E-23	5.0E-23	1.6E-22	1.2E-22	2.3E-22	4.7E-22	5.0E-23	5.0E-23	5.0E-23	5.0E-23	7.6E-19	4.3E-21	4.3E-21	4.3E-21	4.3E-21	4.3E-21	4.3E-21	3.7E-21	3.7E-21	Ii134
Ii135	1.2E-19	1.2E-22	1.2E-22	1.2E-22	1.2E-22	4.0E-22	3.0E-22	5.5E-22	1.1E-21	1.2E-22	1.2E-22	1.2E-22	1.2E-22	1.8E-18	1.0E-20	1.0E-20	1.0E-20	1.0E-20	1.0E-20	1.0E-20	9.0E-21	9.0E-21	Ii135
F18	1.2E-19	1.2E-21	1.2E-21	1.2E-21	1.2E-21	3.9E-21	2.9E-21	5.4E-21	1.1E-20	1.2E-21	1.2E-21	1.2E-21	1.2E-21	1.8E-17	1.0E-19	1.0E-19	1.0E-19	1.0E-19	1.0E-19	1.0E-19	8.9E-20	8.9E-20	F18
Co58	19.5E-22	5.4E-24	5.4E-24	5.4E-24	5.4E-24	1.8E-23	1.3E-23	2.5E-23	5.1E-23	5.4E-24	5.4E-24	5.4E-24	5.4E-24	8.2E-20	4.7E-22	4.7E-22	4.7E-22	4.7E-22	4.7E-22	4.7E-22	4.0E-22	4.0E-22	Co58
Co60	12.6E-22	1.5E-24	1.5E-24	1.5E-24	1.5E-24	4.9E-24	3.7E-24	6.7E-24	1.4E-23	1.5E-24	1.5E-24	1.5E-24	1.5E-24	2.2E-20	1.3E-22	1.3E-22	1.3E-22	1.3E-22	1.3E-22	1.3E-22	1.1E-22	1.1E-22	Co60
Rb88	1.3E-16	1.7E-18	1.7E-18	1.7E-18	1.7E-18	5.8E-18	4.3E-18	8.0E-18	1.7E-17	1.7E-18	1.7E-18	1.7E-18	1.7E-18	2.6E-14	1.5E-16	1.5E-16	1.5E-16	1.5E-16	1.5E-16	1.5E-16	1.3E-16	1.3E-16	Rb88
Na24	1.7E-21	9.6E-24	9.6E-24	9.6E-24	9.6E-24	3.2E-23	2.4E-23	4.4E-23	9.1E-23	9.6E-24	9.6E-24	9.6E-24	9.6E-24	1.5E-19	8.3E-22	8.3E-22	8.3E-22	8.3E-22	8.3E-22	8.3E-22	7.2E-22	7.2E-22	Na24
Ar41	1.2E-15	1.4E-17	1.4E-17	1.4E-17	1.4E-17	4.7E-17	3.5E-17	6.5E-17	1.4E-16	1.4E-17	1.4E-17	1.4E-17	1.4E-17	2.1E-13	1.2E-15	1.2E-15	1.2E-15	1.2E-15	1.2E-15	1.2E-15	1.1E-15	1.1E-15	Ar41
Te129	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	1.1E-22	6.9E-25	6.9E-25	6.9E-25	6.9E-25	2.3E-24	1.7E-24	3.1E-24	6.6E-24	6.9E-25	6.9E-25	6.9E-25	6.9E-25	1.0E-20	5.2E-23	5.2E-23	5.2E-23	5.2E-23	5.2E-23	5.2E-23	5.2E-23	5.2E-23	Nb95
Tc99m	1.8E-22	1.0E-24	1.0E-24	1.0E-24	1.0E-24	3.3E-24	2.5E-24	4.6E-24	9.5E-24	1.0E-24	1.0E-24	1.0E-24	1.0E-24	1.5E-20	8.6E-23	8.6E-23	8.6E-23	8.6E-23	8.6E-23	8.6E-23	7.5E-23	7.5E-23	Tc99m
Cs134	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	U1_SI_A	U1_SI_B	U1_TDAFW	U1_CCP_A	U1_CCP_B	U1_CCP_C	HUT_A_RM	HUT_B_RM	BA_EVAP1	BA_EVAP2	SPARE669	U1PEN669	U2PEN669	Elev_706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdcon	RRoadBay	WPKgArea	CJME_Bdg	
Gross	1.7E-15	7.7E-15	6.0E-14	7.7E-15	7.7E-15	7.7E-15	2.0E-14	2.0E-14	1.6E-15	1.6E-15	2.0E-14	2.8E-15	2.8E-15	2.1E-16	2.8E-22	2.8E-22	2.8E-22	2.8E-22	3.4E-13	2.8E-11	1.4E-16	6.9E-22	Gross
Kr85m	1.1E-16	1.6E-16	1.2E-15	1.6E-16	1.6E-16	1.6E-16	4.2E-16	4.2E-16	3.2E-17	3.2E-17	4.2E-16	5.9E-17	5.9E-17	4.4E-18	5.7E-24	5.7E-24	5.7E-24	5.7E-24	7.0E-15	5.7E-13	2.8E-18	1.4E-23	Kr85m
Kr87	7.3E-17	7.3E-17	5.6E-16	7.3E-17	7.3E-17	7.3E-17	1.9E-16	1.9E-16	1.5E-17	1.5E-17	1.9E-16	2.7E-17	2.7E-17	2.0E-18	2.6E-24	2.6E-24	2.6E-24	2.6E-24	3.2E-15	2.6E-13	1.3E-18	6.5E-24	Kr87
Kr88	3.1E-16	3.1E-16	2.4E-15	3.1E-16	3.1E-16	3.1E-16	8.1E-16	8.1E-16	6.2E-17	6.2E-17	8.1E-16	1.1E-16	1.1E-16	8.4E-18	1.1E-23	1.1E-23	1.1E-23	1.1E-23	1.4E-14	1.1E-12	5.5E-18	2.7E-23	Kr88
Xe133	12.6E-15	2.6E-15	2.0E-14	2.6E-15	2.6E-15	2.6E-15	6.9E-15	6.9E-15	5.3E-16	5.3E-16	6.9E-15	9.7E-16	9.7E-16	9.6E-16	7.2E-17	9.4E-23	9.4E-23	9.4E-23	1.2E-13	9.4E-12	4.7E-17	2.3E-22	Xe133
Xe133m	1.5E-15	1.5E-15	1.2E-14	1.5E-15	1.5E-15	1.5E-15	4.0E-15	4.0E-15	3.1E-16	3.1E-16	4.0E-15	5.6E-16	5.6E-16	4.2E-17	5.4E-23	5.4E-23	5.4E-23	5.4E-23	5.4E-12	5.4E-12	2.7E-17	1.4E-22	Xe133m
Xe135	1.6E-15	1.6E-15	1.3E-14	1.6E-15	1.6E-15	1.6E-15	4.3E-15	4.3E-15	3.3E-16	3.3E-16	4.3E-15	6.1E-16	6.0E-16	4.5E-17	5.9E-23	5.9E-23	5.9E-23	5.9E-23	7.3E-14	5.9E-12	2.9E-17	1.5E-22	Xe135
Ii131	9.3E-22	9.3E-22	7.1E-21	9.3E-22	9.3E-22	9.3E-22	2.5E-21	2.5E-21	1.9E-22	1.9E-22	2.5E-21	3.4E-22	3.4E-22	2.5E-23	3.3E-29	3.3E-29	3.3E-29	3.3E-29	4.1E-20	3.3E-18	1.7E-23	8.3E-29	Ii131
Ii132	6.1E-21	6.1E-21	4.7E-20	6.1E-21	6.1E-21	6.1E-21	1.6E-20	1.6E-20	1.2E-21	1.2E-21	1.6E-20	2.3E-21	2.2E-21	1.7E-22	2.2E-28	2.2E-28	2.2E-28	2.2E-28	2.7E-19	2.2E-17	1.1E-22	5.5E-28	Ii132
Ii133	7.7E-21	7.7E-21	5.9E-20	7.7E-21	7.7E-21	7.7E-21	2.0E-20	2.0E-20	1.5E-21	1.5E-21	2.0E-20	2.8E-21	2.8E-21	2.1E-22	2.8E-28	2.8E-28	2.8E-28	2.8E-28	3.4E-19	2.7E-17	1.4E-22	6.9E-28	Ii133
Ii134	4.3E-21	4.3E-21	3.3E-20	4.3E-21	4.3E-21	4.3E-21	1.1E-20	1.1E-20	8.7E-22	8.7E-22	1.1E-20	1.6E-21	1.6E-21	1.2E-22	1.5E-28	1.5E-28	1.5E-28	1.5E-28	1.9E-19	1.5E-17	7.7E-23	3.9E-28	Ii134
Ii135	1.0E-20	1.0E-20	8.0E-20	1.0E-20	1.0E-20	1.0E-20	2.7E-20	2.7E-20	2.1E-21	2.1E-21	2.7E-20	3.8E-21	3.8E-21	2.8E-22	3.7E-28	3.7E-28	3.7E-28	3.7E-28	4.6E-19	3.7E-17	1.9E-22	9.3E-28	Ii135
F18	1.0E-19	1.0E-19	7.9E-19	1.0E-19	1.0E-19	1.0E-19	2.7E-19	2.7E-19	2.1E-20	2.1E-20	2.7E-19	3.8E-20	3.8E-20	2.8E-21	3.7E-27	3.7E-27	3.7E-27	3.7E-27	4.5E-18	3.7E-16	1.8E-21	9.2E-27	F18
Co58	14.7E-22	4.7E-22	3.6E-21	4.7E-22	4.7E-22	4.7E-22	1.2E-21	1.2E-21	9.4E-23	9.4E-23	1.2E-21	1.7E-22	1.7E-22	1.3E-23	1.7E-29	1.7E-29	1.7E-29	1.7E-29	2.1E-20	1.7E-18	8.3E-24	4.2E-29	Co58
Co60	1.1E-22	1.3E-22	9.8E-22	1.3E-22	1.3E-22	1.3E-22	3.4E-22	3.4E-22	2.6E-23	2.6E-23	3.4E-22	4.7E-23	4.7E-23	3.5E-24	4.6E-30	4.6E-30	4.6E-30	4.6E-30	5.6E-21	4.6E-19	2.3E-24	1.1E-29	Co60
Rb88	1.5E-16	1.5E-16	1.2E-15	1.5E-16	1.5E-16	1.5E-16	4.0E-16	4.0E-16	3.0E-17	3.0E-17	4.0E-16	5.5E-17	5.5E-17	4.1E-18	5.4E-24	5.4E-24	5.4E-24	5.4E-24	6.7E-15	5.4E-13	2.7E-18	1.3E-23	Rb88
Na24	8.3E-22	8.3E-22	6.4E-21	8.3E-22	8.3E-22	8.3E-22	2.2E-21	2.2E-21	1.7E-22	1.7E-22	2.2E-21	3.1E-22	3.1E-22	2.3E-23	3.0E-29	3.0E-29	3.0E-29	3.0E-29	3.7E-20	3.0E-18	1.5E-23	7.4E-29	Na24
Ar41	11.2E-15	1.2E-15	9.4E-15	1.2E-15	1.2E-15	1.2E-15	3.2E-15	3.2E-15	2.5E-16	2.5E-16	3.2E-15	4.5E-16	4.5E-16	3.4E-17	4.4E-23	4.4E-23	4.4E-23	4.4E-23	5.4E-14	4.4E-12	2.2E-17	1.1E-22	Ar41
Te129	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	1.5E-23	5.9E-23	4.6E-22	5.9E-23	5.9E-23	5.9E-23	1.6E-22	1.6E-22	1.0E-23	1.0E-23	1.6E-22	2.2E-23	2.2E-23	1.6E-24	2.1E-30	2.1E-30	2.1E-30	2.1E-30	2.6E-21	2.0E-19	1.1E-24	5.3E-30	Nb95
Tc99m	8.6E-23	8.6E-23	6.6E-22	8.6E-23	8.6E-23	8.6E-23	2.3E-22	2.3E-22	1.7E-23	1.7E-23	2.3E-22	3.2E-23	3.2E-23	2.4E-24	3.1E-30	3.1E-30	3.1E-30	3.1E-30	3.8E-21	3.1E-19	1.5E-24	7.7E-30	Tc99m
Cs134	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

Elev_653	U1_RHR_A	U1_RHR_B	U1_CS_A	U1_CS_B	TDF_RM	FCDT_RM	EVAP_RMP	STRIP_RM	U2_RHR_A	U2_RHR_B	U2_CS_A	U2_CS_B	Elev_669	U2_SI_A	U2_SI_B	U2_TDAFW	U2_CCP_A	U2_CCP_B	U2_CCP_C	WGDT_RM1	WGDT_RM2	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.3E-11	1.9E-13	1.9E-13	1.9E-13	1.9E-13	1.9E-13	1.9E-13	1.6E-13	1.6E-13	Kr85m
Kc87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	1.0E-20	5.9E-23	5.9E-23	5.9E-23	5.9E-23	1.9E-22	1.5E-22	2.7E-22	5.6E-22	5.9E-23	5.9E-23	5.9E-23	8.9E-19	5.0E-21	5.0E-21	5.0E-21	5.0E-21	5.0E-21	5.0E-21	4.4E-21	4.4E-21	Xel133
Xel133m1	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel135	1.1E-19	1.1E-21	1.1E-21	1.1E-21	3.5E-21	2.7E-21	4.9E-21	1.0E-20	1.1E-21	1.1E-21	1.1E-21	1.1E-21	1.6E-17	9.3E-20	9.3E-20	9.3E-20	9.3E-20	9.3E-20	9.3E-20	8.1E-20	8.1E-20	Xel135
I131	1.2E-18	1.6E-20	1.6E-20	1.6E-20	1.6E-20	4.0E-20	7.4E-20	1.5E-19	1.6E-20	1.6E-20	1.6E-20	1.6E-20	2.4E-16	1.4E-18	1.4E-18	1.4E-18	1.4E-18	1.4E-18	1.4E-18	1.2E-18	1.2E-18	I131
I132	1.1E-17	1.1E-19	1.1E-19	1.1E-19	3.5E-19	2.6E-19	4.9E-19	1.0E-18	1.1E-19	1.1E-19	1.1E-19	1.1E-19	1.6E-15	9.2E-18	9.2E-18	9.2E-18	9.2E-18	9.2E-18	9.2E-18	8.0E-18	8.0E-18	I132
I133	1.2E-17	1.3E-19	1.3E-19	1.3E-19	4.4E-19	3.3E-19	6.1E-19	1.3E-18	1.3E-19	1.3E-19	1.3E-19	1.3E-19	2.0E-15	1.2E-17	1.2E-17	1.2E-17	1.2E-17	1.2E-17	1.2E-17	1.0E-17	1.0E-17	I133
I134	1.1E-17	7.5E-20	7.5E-20	7.5E-20	2.5E-19	1.9E-19	3.4E-19	7.1E-19	7.5E-20	7.5E-20	7.5E-20	7.5E-20	1.1E-15	6.5E-18	6.5E-18	6.5E-18	6.5E-18	6.5E-18	6.5E-18	5.6E-18	5.6E-18	I134
I135	1.3E-17	1.8E-19	1.8E-19	1.8E-19	5.9E-19	4.5E-19	8.3E-19	1.7E-18	1.8E-19	1.8E-19	1.8E-19	1.8E-19	2.7E-15	1.6E-17	1.6E-17	1.6E-17	1.6E-17	1.6E-17	1.6E-17	1.4E-17	1.4E-17	I135
F18	1.3E-16	1.8E-18	1.8E-18	1.8E-18	5.9E-18	4.4E-18	8.1E-18	1.7E-17	1.8E-18	1.8E-18	1.8E-18	1.8E-18	2.7E-14	1.5E-16	1.5E-16	1.5E-16	1.5E-16	1.5E-16	1.5E-16	1.3E-16	1.3E-16	F18
Co58	1.4E-18	8.1E-21	8.1E-21	8.1E-21	2.7E-20	2.0E-20	3.7E-20	7.7E-20	8.1E-21	8.1E-21	8.1E-21	8.1E-21	1.2E-16	7.0E-19	7.0E-19	7.0E-19	7.0E-19	7.0E-19	7.0E-19	6.1E-19	6.1E-19	Co58
Co60	3.9E-19	2.2E-21	2.2E-21	2.2E-21	7.3E-21	5.5E-21	1.0E-20	2.1E-20	2.2E-21	2.2E-21	2.2E-21	2.2E-21	3.3E-17	1.9E-19	1.9E-19	1.9E-19	1.9E-19	1.9E-19	1.9E-19	1.7E-19	1.7E-19	Co60
Rb88	1.3E-13	1.8E-15	1.8E-15	1.8E-15	5.9E-15	4.4E-15	8.2E-15	1.7E-14	1.8E-15	1.8E-15	1.8E-15	1.8E-15	2.7E-11	1.5E-13	1.5E-13	1.5E-13	1.5E-13	1.5E-13	1.5E-13	1.3E-13	1.3E-13	Rb88
Na24	1.2E-18	1.4E-20	1.4E-20	1.4E-20	4.7E-20	3.6E-20	6.6E-20	1.4E-19	1.4E-20	1.4E-20	1.4E-20	1.4E-20	2.2E-16	1.2E-18	1.2E-18	1.2E-18	1.2E-18	1.2E-18	1.2E-18	1.1E-18	1.1E-18	Na24
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	1.1E-19	1.0E-21	1.0E-21	1.0E-21	3.4E-21	2.6E-21	4.7E-21	9.8E-21	1.0E-21	1.0E-21	1.0E-21	1.0E-21	1.6E-17	8.9E-20	8.9E-20	8.9E-20	8.9E-20	8.9E-20	8.9E-20	7.7E-20	7.7E-20	Nb95
Tc99m	1.2E-19	1.5E-21	1.5E-21	1.5E-21	4.9E-21	3.7E-21	6.9E-21	1.4E-20	1.5E-21	1.5E-21	1.5E-21	1.5E-21	2.3E-17	1.3E-19	1.3E-19	1.3E-19	1.3E-19	1.3E-19	1.3E-19	1.1E-19	1.1E-19	Tc99m
Cs134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
U1_SI_A	U1_SI_B	U1_TDAFW	U1_CCP_A	U1_CCP_B	U1_CCP_C	HUT_A_RM	HUT_B_RM	BA_EVAP1	BA_EVAP2	SPARE669	U1Pen669	U2Pen669	Elev_706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdcom	RoadBay	WPKgArea	CWKE_Bdg	Gross
Gross	1.9E-13	1.9E-13	1.4E-12	1.9E-13	1.9E-13	5.0E-13	5.0E-13	3.8E-14	3.8E-14	5.0E-13	6.9E-14	6.9E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.3E-12	6.7E-10	0.0E+00	0.0E+00	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kc87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kc87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	1.0E-21	5.0E-21	3.9E-20	5.0E-21	5.0E-21	5.0E-21	1.3E-20	1.3E-20	1.0E-21	1.0E-21	1.3E-20	1.9E-21	1.9E-21	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.2E-19	1.8E-17	0.0E+00	0.0E+00	Xel133
Xel133m1	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel135	9.3E-20	9.3E-20	7.2E-19	9.3E-20	9.3E-20	9.3E-20	2.5E-19	2.5E-19	1.9E-20	1.9E-20	2.5E-19	3.4E-20	3.4E-20	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.1E-18	3.3E-16	0.0E+00	0.0E+00	Xel135
I131	1.4E-18	1.4E-18	1.1E-17	1.4E-18	1.4E-18	1.4E-18	3.7E-18	3.7E-18	2.8E-19	2.8E-19	3.7E-18	5.1E-19	5.1E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.2E-17	5.0E-15	0.0E+00	0.0E+00	I131
I132	9.2E-18	9.2E-18	7.1E-17	9.2E-18	9.2E-18	9.2E-18	3.4E-17	3.4E-17	1.8E-18	1.8E-18	2.4E-17	3.4E-18	3.4E-18	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.1E-16	3.3E-14	0.0E+00	0.0E+00	I132
I133	1.2E-17	1.2E-17	8.9E-17	1.2E-17	1.2E-17	1.2E-17	2.0E-17	2.0E-17	2.3E-18	2.3E-18	3.0E-17	4.2E-18	4.2E-18	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.1E-16	4.1E-14	0.0E+00	0.0E+00	I133
I134	6.5E-18	6.5E-18	5.0E-17	6.5E-18	6.5E-18	6.5E-18	1.7E-17	1.7E-17	1.3E-18	1.3E-18	1.7E-17	2.4E-18	2.4E-18	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.9E-16	2.3E-14	0.0E+00	0.0E+00	I134
I135	1.6E-17	1.6E-17	1.2E-16	1.6E-17	1.6E-17	1.6E-17	4.1E-17	4.1E-17	3.1E-18	3.1E-18	4.1E-17	5.7E-18	5.7E-18	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.9E-16	5.6E-14	0.0E+00	0.0E+00	I135
F18	1.5E-16	1.5E-16	1.2E-15	1.5E-16	1.5E-16	1.5E-16	4.1E-16	4.1E-16	3.1E-17	3.1E-17	4.1E-16	5.6E-17	5.6E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.8E-15	5.5E-13	0.0E+00	0.0E+00	F18
Co58	7.0E-19	7.0E-19	5.4E-18	7.0E-19	7.0E-19	7.0E-19	1.8E-18	1.8E-18	1.4E-19	1.4E-19	1.8E-18	2.6E-19	2.6E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-17	2.5E-15	0.0E+00	0.0E+00	Co58
Co60	1.1E-19	1.9E-19	1.5E-18	1.9E-19	1.9E-19	1.9E-19	5.0E-19	5.0E-19	3.8E-20	3.8E-20	5.0E-19	7.0E-20	7.0E-20	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.4E-18	6.8E-16	0.0E+00	0.0E+00	Co60
Rb88	1.5E-13	1.5E-13	1.2E-12	1.5E-13	1.5E-13	1.5E-13	4.1E-13	4.1E-13	3.1E-14	3.1E-14	4.1E-13	5.7E-14	5.7E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.8E-12	5.5E-10	0.0E+00	0.0E+00	Rb88
Na24	1.2E-18	1.2E-18	9.6E-18	1.2E-18	1.2E-18	1.2E-18	3.3E-18	3.3E-18	2.5E-19	2.5E-19	3.3E-18	4.6E-19	4.6E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.5E-17	4.5E-15	0.0E+00	0.0E+00	Na24
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00					

	Elev_653	U1_RHR_A	U1_RHR_B	U1_CS_A	U1_CS_B	TDCT_RM	FDCT_RM	EVAP_RM	STRIP_RM	U2_RHR_A	U2_RHR_B	U2_CS_A	U2_CS_B	Elev_669	U2_SI_A	U2_SI_B	U2_TDAFW	U2_CCP_A	U2_CCP_B	U2_CCP_C	WGDT_RM1	WGDT_RM2	Gross
Gross	12.9E-13	3.0E-15	3.0E-15	3.0E-15	3.0E-15	9.7E-15	7.3E-15	1.3E-14	2.7E-14	3.0E-15	3.0E-15	3.0E-15	3.0E-15	1.2E-11	1.4E-13	1.4E-13	1.4E-13	1.4E-13	1.4E-13	1.4E-13	1.3E-13	1.3E-13	Kr85m
Kr85m	15.9E-15	6.0E-17	6.0E-17	6.0E-17	6.0E-17	1.9E-16	1.5E-16	2.7E-16	5.5E-16	6.0E-17	6.0E-17	6.0E-17	6.0E-17	2.5E-13	2.9E-15	2.9E-15	2.9E-15	2.9E-15	2.9E-15	2.9E-15	2.5E-15	2.5E-15	Kr85m
Kr87	1.2E-15	2.5E-17	2.5E-17	2.5E-17	2.5E-17	8.1E-17	6.1E-17	1.1E-16	2.3E-16	2.5E-17	2.5E-17	2.5E-17	2.5E-17	1.0E-13	1.2E-15	1.2E-15	1.2E-15	1.2E-15	1.2E-15	1.2E-15	1.1E-15	1.1E-15	Kr87
Kr88	1.1E-14	1.1E-16	1.1E-16	1.1E-16	1.1E-16	3.7E-16	2.8E-16	5.1E-16	1.0E-15	1.1E-16	1.1E-16	1.1E-16	1.1E-16	4.7E-13	5.5E-15	5.5E-15	5.5E-15	5.5E-15	5.5E-15	5.5E-15	4.7E-15	4.7E-15	Kr88
Xe133	11.0E-13	1.0E-15	1.0E-15	1.0E-15	1.0E-15	3.3E-15	2.5E-15	4.6E-15	9.4E-15	1.0E-15	1.0E-15	1.0E-15	1.0E-15	4.3E-12	5.0E-14	5.0E-14	5.0E-14	5.0E-14	5.0E-14	5.0E-14	4.3E-14	4.3E-14	Xe133
Xe133m	5.8E-14	5.9E-16	5.9E-16	5.9E-16	5.9E-16	1.9E-15	1.5E-15	2.7E-15	5.4E-15	5.9E-16	5.9E-16	5.9E-16	5.9E-16	2.5E-12	2.9E-14	2.9E-14	2.9E-14	2.9E-14	2.9E-14	2.9E-14	2.5E-14	2.5E-14	Xe133m
Xe135	16.2E-14	6.3E-16	6.3E-16	6.3E-16	6.3E-16	2.1E-15	1.6E-15	2.8E-15	5.8E-15	6.3E-16	6.3E-16	6.3E-16	6.3E-16	2.6E-12	3.1E-14	3.1E-14	3.1E-14	3.1E-14	3.1E-14	3.1E-14	2.7E-14	2.7E-14	Xe135
I131	13.6E-20	3.6E-22	3.6E-22	3.6E-22	3.6E-22	1.2E-21	8.9E-22	1.6E-21	3.3E-21	3.6E-22	3.6E-22	3.6E-22	3.6E-22	1.8E-20	1.8E-20	1.8E-20	1.8E-20	1.8E-20	1.8E-20	1.8E-20	1.5E-20	1.5E-20	I131
I132	12.2E-19	2.2E-21	2.2E-21	2.2E-21	2.2E-21	7.2E-21	5.4E-21	9.9E-21	2.0E-20	2.2E-21	2.2E-21	2.2E-21	2.2E-21	9.2E-19	1.1E-19	1.1E-19	1.1E-19	1.1E-19	1.1E-19	1.1E-19	9.3E-20	9.3E-20	I132
I133	12.9E-19	3.0E-21	3.0E-21	3.0E-21	3.0E-21	9.6E-21	7.3E-21	1.3E-20	2.7E-20	3.0E-21	3.0E-21	3.0E-21	3.0E-21	1.4E-19	1.4E-19	1.4E-19	1.4E-19	1.4E-19	1.4E-19	1.4E-19	1.2E-19	1.2E-19	I133
I134	11.4E-19	1.4E-21	1.4E-21	1.4E-21	1.4E-21	4.5E-21	3.4E-21	6.2E-21	1.3E-20	1.4E-21	1.4E-21	1.4E-21	1.4E-21	5.7E-18	6.7E-20	6.7E-20	6.7E-20	6.7E-20	6.7E-20	6.7E-20	5.8E-20	5.8E-20	I134
I135	13.9E-19	3.9E-21	3.9E-21	3.9E-21	3.9E-21	1.3E-20	9.7E-21	1.8E-20	3.6E-20	3.9E-21	3.9E-21	3.9E-21	3.9E-21	1.6E-17	1.9E-19	1.9E-19	1.9E-19	1.9E-19	1.9E-19	1.9E-19	1.7E-19	1.7E-19	I135
F18	13.6E-18	3.6E-20	3.6E-20	3.6E-20	3.6E-20	1.2E-19	8.9E-20	1.6E-19	3.3E-19	3.6E-20	3.6E-20	3.6E-20	3.6E-20	1.5E-16	1.8E-18	1.8E-18	1.8E-18	1.8E-18	1.8E-18	1.8E-18	1.5E-18	1.5E-18	F18
Co58	11.8E-20	1.8E-22	1.8E-22	1.8E-22	1.8E-22	5.9E-22	4.5E-22	8.2E-22	1.7E-21	1.8E-22	1.8E-22	1.8E-22	1.8E-22	7.5E-19	8.8E-21	8.8E-21	8.8E-21	8.8E-21	8.8E-21	8.8E-21	7.7E-21	7.7E-21	Co58
Co60	14.9E-21	4.9E-23	4.9E-23	4.9E-23	4.9E-23	1.6E-22	1.2E-22	2.2E-22	4.6E-22	4.9E-23	4.9E-23	4.9E-23	4.9E-23	2.1E-19	2.4E-21	2.4E-21	2.4E-21	2.4E-21	2.4E-21	2.4E-21	2.1E-21	2.1E-21	Co60
Rb88	16.8E-15	7.0E-17	7.0E-17	7.0E-17	7.0E-17	2.3E-16	1.7E-16	3.2E-16	6.5E-16	7.0E-17	7.0E-17	7.0E-17	7.0E-17	2.7E-13	3.3E-15	3.3E-15	3.3E-15	3.3E-15	3.3E-15	3.3E-15	2.9E-15	2.9E-15	Rb88
Na24	3.1E-20	3.2E-22	3.2E-22	3.2E-22	3.2E-22	1.0E-21	7.8E-22	1.4E-21	2.9E-21	3.2E-22	3.2E-22	3.2E-22	3.2E-22	1.3E-18	1.6E-20	1.6E-20	1.6E-20	1.6E-20	1.6E-20	1.6E-20	1.3E-20	1.3E-20	Na24
Ar41	4.3E-14	4.3E-16	4.3E-16	4.3E-16	4.3E-16	1.4E-15	1.1E-15	2.0E-15	4.0E-15	4.3E-16	4.3E-16	4.3E-16	4.3E-16	1.8E-12	2.1E-14	2.1E-14	2.1E-14	2.1E-14	2.1E-14	2.1E-14	1.8E-14	1.8E-14	Ar41
Te129	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	12.3E-21	2.3E-23	2.3E-23	2.3E-23	2.3E-23	7.5E-23	5.7E-23	1.0E-22	2.1E-22	2.3E-23	2.3E-23	2.3E-23	2.3E-23	9.6E-20	1.1E-21	1.1E-21	1.1E-21	1.1E-21	1.1E-21	1.1E-21	9.7E-22	9.7E-22	Nb95
Tc99m	13.3E-21	3.3E-23	3.3E-23	3.3E-23	3.3E-23	1.1E-22	8.2E-23	1.5E-22	3.1E-22	3.3E-23	3.3E-23	3.3E-23	3.3E-23	1.6E-21	1.6E-21	1.6E-21	1.6E-21	1.6E-21	1.6E-21	1.6E-21	1.4E-21	1.4E-21	Tc99m
Cs134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1_SI_A	U1_SI_B	U1_TDAFW	U1_CCP_A	U1_CCP_B	U1_CCP_C	HUT_A_RM	HUT_B_RM	BA_EVAP1	BA_EVAP2	SPARE669	U1Pen669	U2Pen669	Elev_706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdcn	RoadBay	WPkgArea	CDWE_Bdg	Gross
Gross	11.4E-13	1.4E-13	1.1E-12	1.4E-13	1.4E-13	1.4E-13	3.8E-13	3.8E-13	2.9E-14	2.9E-14	3.8E-13	5.3E-14	5.3E-14	9.7E-12	7.4E-17	7.4E-17	1.0E-12	1.0E-12	1.0E-12	2.3E-10	8.9E-12	7.3E-14	Kr85m
Kr85m	12.9E-15	2.9E-15	2.9E-14	2.9E-15	2.9E-15	2.9E-15	7.6E-15	7.6E-15	5.9E-16	5.9E-16	7.6E-15	1.1E-15	1.1E-15	1.9E-13	1.5E-18	1.5E-18	2.1E-14	2.1E-14	2.1E-14	4.6E-12	1.8E-13	1.5E-15	Kr85m
Kr87	11.2E-15	1.2E-15	1.2E-15	1.2E-15	1.2E-15	1.2E-15	3.2E-15	3.2E-15	2.5E-16	2.5E-16	3.2E-15	4.5E-16	4.5E-16	8.1E-14	6.2E-19	6.2E-19	8.5E-15	8.5E-15	8.5E-15	1.9E-12	7.5E-14	6.1E-16	Kr87
Kr88	5.5E-15	5.5E-15	4.1E-14	5.5E-15	5.5E-15	5.5E-15	1.4E-14	1.4E-14	1.1E-15	1.1E-15	1.4E-14	2.0E-15	2.0E-15	3.7E-13	2.8E-18	2.8E-18	3.9E-14	3.9E-14	3.9E-14	8.6E-12	3.4E-13	2.7E-15	Kr88
Xe133	5.0E-14	5.0E-14	3.7E-13	5.0E-14	5.0E-14	5.0E-14	1.3E-13	1.3E-13	1.0E-14	1.0E-14	1.3E-13	1.8E-14	1.8E-14	3.3E-12	2.6E-17	2.6E-17	3.5E-13	3.5E-13	3.5E-13	7.9E-11	3.1E-12	2.5E-14	Xe133
Xe133m	2.9E-14	2.9E-14	2.2E-13	2.9E-14	2.9E-14	2.9E-14	7.6E-14	7.6E-14	5.8E-15	5.8E-15	7.6E-14	1.1E-14	1.1E-14	1.9E-12	1.5E-17	1.5E-17	2.0E-13	2.0E-13	2.0E-13	4.6E-11	1.8E-12	1.4E-14	Xe133m
Xe135	13.1E-14	3.1E-14	2.3E-13	3.1E-14	3.1E-14	3.1E-14	8.1E-14	8.1E-14	6.2E-15	6.2E-15	8.1E-14	1.1E-14	1.1E-14	2.1E-12	1.6E-17	1.6E-17	2.2E-13	2.2E-13	2.2E-13	4.9E-11	1.9E-12	1.5E-14	Xe135
I131	11.8E-20	1.8E-20	1.8E-20	1.8E-20	1.8E-20	1.8E-20	4.6E-20	4.6E-20	3.6E-21	3.6E-21	4.6E-20	6.5E-21	6.5E-21	1.2E-18	9.0E-24	9.0E-24	1.2E-19	1.2E-19	1.2E-19	2.8E-17	1.1E-18	8.8E-21	I131
I132	11.1E-19	1.1E-19	8.0E-19	1.1E-19	1.1E-19	1.1E-19	2.8E-19	2.8E-19	2.2E-20	2.2E-20	2.8E-19	4.0E-20	3.9E-20	7.2E-18	5.5E-23	5.5E-23	7.6E-19	7.6E-19	7.6E-19	1.7E-16	6.6E-18	5.4E-20	I132
I133	11.4E-19	1.4E-19	1.1E-18	1.4E-19	1.4E-19	1.4E-19	3.8E-19	3.8E-19	2.9E-20	2.9E-20	3.8E-19	5.3E-20	5.4E-20	9.6E-18	7.4E-23	7.4E-23	1.0E-18	1.0E-18	1.0E-18	2.3E-16	8.9E-18	7.2E-20	I133
I134	16.7E-20	6.7E-20	5.0E-19	6.7E-20	6.7E-20	6.7E-20	1.7E-19	1.7E-19	1.3E-20	1.3E-20	1.7E-19	2.5E-20	2.5E-20	4.5E-18	3.4E-23	3.4E-23	4.7E-19	4.7E-19	4.7E-19	1.1E-16	4.1E-18	3.4E-20	I134
I135	11.9E-19	1.9E-19	1.4E-18	1.9E-19	1.9E-19	1.9E-19	5.0E-19	5.0E-19	3.9E-20	3.9E-20	5.0E-19	7.1E-20	7.2E-20	1.3E-17	9.8E-23	9.8E-23	1.4E-18	1.4E-18	1.4E-18	3.0E-16	1.2E-17	9.6E-20	I135
F18	11.8E-18	1.8E-18	1.3E-17	1.8E-18	1.8E-18	1.8E-18	4.6E-18	4.6E-18	3.6E-19	3.6E-19	4.6E-18	6.5E-19	6.5E-19	1.2E-16	9.0E-22	9.0E-22	1.2E-17	1.2E-17	1.2E-17	2.8E-15	1.1E-16	8.9E-19	F18
Co58	8.8E-21	8.8E-21	6.6E-20	8.8E-21	8.8E-21	8.8E-21	2.3E-20	2.3E-20	1.8E-21	1.8E-21	2.3E-20	3.3E-21	3.2E-21	5.9E-19	4.5E-24	4.5E-24	6.2E-20	6.2E-20	6.2E-20	3.3E-19	1.4E-17	5.4E-19	Co58
Co60	12.4E-21	2.4E-21	1.8E-20	2.4E-21	2.4E-21	2.4E-21	6.3E-21	6.3E-21	4.9E-22	4.9E-22	6.3E-21	8.9E-22	8.9E-22	1.6E-19	1.2E-24	1.2E-24	1.7E-20	1.7E-20	1.7E-20	3.8E-18	1.5E-19	1.2E-21	Co60
Rb88	13.3E-15	3.3E-15	2.5E-14</																				

	IElev_653	U1_RHR_A	U1_RHR_B	U1_CS_A	U1_CS_B	TDCT_RM	FDCT_RM	EVAP_FMP	STRIP_RM	U2_RHR_A	U2_RHR_B	U2_CS_A	U2_CS_B	Elev_669	U2_SI_A	U2_SI_B	U2_TDAFW	U2_CCP_A	U2_CCP_B	U2_CCP_C	WGDT_RM1	WGDT_RM2	Gross
Gross	1.4E-11	1.4E-13	1.4E-13	1.4E-13	1.4E-13	4.5E-13	3.4E-13	6.2E-13	1.3E-12	1.4E-13	1.4E-13	1.4E-13	1.4E-13	6.3E-10	7.0E-12	7.0E-12	7.0E-12	7.0E-12	7.0E-12	7.0E-12	6.1E-12	6.1E-12	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	15.5E-19	4.7E-21	4.7E-21	4.7E-21	4.7E-21	1.6E-20	1.2E-20	2.2E-20	4.4E-20	4.7E-21	4.7E-21	4.7E-21	4.7E-21	3.0E-17	2.7E-19	2.7E-19	2.7E-19	2.7E-19	2.7E-19	2.7E-19	2.4E-19	2.4E-19	Xel133
Xel133m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel135	1.0E-17	8.6E-20	8.6E-20	8.6E-20	8.6E-20	2.8E-19	2.1E-19	3.9E-19	8.0E-19	8.6E-20	8.6E-20	8.6E-20	8.6E-20	5.4E-16	4.9E-18	4.9E-18	4.9E-18	4.9E-18	4.9E-18	4.9E-18	4.3E-18	4.3E-18	Xel135
I131	19.5E-17	8.7E-19	8.7E-19	8.7E-19	8.7E-19	2.9E-18	2.2E-18	3.9E-18	8.1E-18	8.7E-19	8.7E-19	8.7E-19	8.7E-19	4.6E-15	4.7E-17	4.7E-17	4.7E-17	4.7E-17	4.7E-17	4.7E-17	4.1E-17	4.1E-17	I131
I132	5.8E-16	5.3E-18	5.3E-18	5.3E-18	5.3E-18	1.7E-17	1.3E-17	2.4E-17	5.0E-17	5.3E-18	5.3E-18	5.3E-18	5.3E-18	2.8E-14	2.9E-16	2.9E-16	2.9E-16	2.9E-16	2.9E-16	2.9E-16	2.5E-16	2.5E-16	I132
I133	7.8E-16	7.2E-18	7.2E-18	7.2E-18	7.2E-18	2.3E-17	1.6E-17	3.2E-17	6.6E-17	7.2E-18	7.2E-18	7.2E-18	7.2E-18	3.8E-14	3.8E-16	3.8E-16	3.8E-16	3.8E-16	3.8E-16	3.8E-16	3.3E-16	3.3E-16	I133
I134	3.6E-16	3.3E-18	3.3E-18	3.3E-18	3.3E-18	1.1E-17	8.2E-18	1.5E-17	3.1E-17	3.3E-18	3.3E-18	3.3E-18	3.3E-18	1.8E-14	1.8E-16	1.8E-16	1.8E-16	1.8E-16	1.8E-16	1.8E-16	1.5E-16	1.5E-16	I134
I135	1.0E-15	9.5E-18	9.5E-18	9.5E-18	9.5E-18	3.1E-17	2.3E-17	4.3E-17	8.8E-17	9.5E-18	9.5E-18	9.5E-18	9.5E-18	5.1E-14	5.1E-16	5.1E-16	5.1E-16	5.1E-16	5.1E-16	5.1E-16	4.4E-16	4.4E-16	I135
F18	19.5E-15	8.8E-17	8.8E-17	8.8E-17	8.8E-17	2.9E-16	2.2E-16	4.0E-16	8.1E-16	8.8E-17	8.8E-17	8.8E-17	8.8E-17	4.7E-13	4.7E-15	4.7E-15	4.7E-15	4.7E-15	4.7E-15	4.7E-15	4.1E-15	4.1E-15	F18
Co58	14.8E-17	4.4E-19	4.4E-19	4.4E-19	4.4E-19	1.4E-18	1.1E-18	2.0E-18	4.4E-19	4.4E-19	4.4E-19	4.4E-19	4.4E-19	2.3E-15	2.4E-17	2.4E-17	2.4E-17	2.4E-17	2.4E-17	2.4E-17	2.0E-17	2.0E-17	Co58
Co60	1.3E-17	1.2E-19	1.2E-19	1.2E-19	1.2E-19	3.9E-19	3.0E-19	5.4E-19	1.1E-18	1.2E-19	1.2E-19	1.2E-19	1.2E-19	6.4E-16	6.4E-18	6.4E-18	6.4E-18	6.4E-18	6.4E-18	6.4E-18	5.6E-18	5.6E-18	Co60
Rb88	1.2E-11	1.1E-13	1.1E-13	1.1E-13	1.1E-13	3.7E-13	2.8E-13	5.1E-13	1.1E-12	1.1E-13	1.1E-13	1.1E-13	1.1E-13	5.2E-10	5.8E-12	5.8E-12	5.8E-12	5.8E-12	5.8E-12	5.8E-12	5.0E-12	5.0E-12	Rb88
Na24	18.4E-17	7.7E-19	7.7E-19	7.7E-19	7.7E-19	2.5E-18	1.9E-18	3.5E-18	7.2E-18	7.7E-19	7.7E-19	7.7E-19	7.7E-19	4.1E-15	4.1E-17	4.1E-17	4.1E-17	4.1E-17	4.1E-17	4.1E-17	3.6E-17	3.6E-17	Na24
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	6.1E-18	5.6E-20	5.6E-20	5.6E-20	5.6E-20	1.8E-19	1.4E-19	2.5E-19	5.2E-19	5.6E-20	5.6E-20	5.6E-20	5.6E-20	5.6E-20	3.0E-16	3.0E-18	3.0E-18	3.0E-18	3.0E-18	3.0E-18	2.6E-18	2.6E-18	Nb95
Tc99m	8.8E-18	8.1E-20	8.1E-20	8.1E-20	8.1E-20	2.6E-19	2.0E-19	3.7E-19	7.5E-19	8.1E-20	8.1E-20	8.1E-20	8.1E-20	4.3E-16	4.3E-18	4.3E-18	4.3E-18	4.3E-18	4.3E-18	4.3E-18	3.8E-18	3.8E-18	Tc99m
Cs134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	U1_SI_A	U1_SI_B	U1_TDAFW	U1_CCP_A	U1_CCP_B	U1_CCP_C	HUT_A_RM	HUT_B_RM	BA_EVAP1	BA_EVAP2	SPARE669	U1Pen669	U2Pen669	Elev_706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdcnm	RoadBay	WPKgArea	CDWE_Bdg	Gross
Gross	7.0E-12	7.0E-12	5.2E-11	7.0E-12	7.0E-12	7.0E-12	1.8E-11	1.8E-11	1.4E-12	1.4E-12	1.8E-11	2.6E-12	2.6E-12	4.5E-10	1.1E-15	1.1E-15	4.6E-11	4.6E-11	2.6E-10	1.2E-08	4.1E-10	3.2E-12	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	12.7E-19	2.7E-19	2.1E-18	2.7E-19	2.7E-19	2.7E-19	7.2E-19	7.2E-19	5.5E-20	5.5E-20	7.2E-19	1.0E-19	1.0E-19	1.4E-17	2.4E-23	2.4E-23	1.3E-18	1.3E-18	1.1E-17	5.7E-16	1.3E-17	9.1E-20	Xel133
Xel133m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel135	14.9E-18	4.9E-18	3.7E-17	4.9E-18	4.9E-18	4.9E-18	1.3E-17	1.3E-17	9.9E-19	9.9E-19	1.3E-17	1.8E-18	1.8E-18	2.5E-16	4.3E-22	4.3E-22	2.3E-17	2.3E-17	1.9E-16	1.0E-14	2.3E-16	1.6E-18	Xel135
I131	14.7E-17	4.7E-17	3.5E-16	4.7E-17	4.7E-17	4.7E-17	1.2E-16	1.2E-16	9.4E-18	9.4E-18	1.2E-16	1.7E-17	1.7E-17	2.7E-15	5.7E-21	5.7E-21	2.7E-16	2.7E-16	1.8E-15	8.8E-14	2.5E-15	1.9E-17	I131
I132	2.9E-16	2.9E-16	2.1E-15	2.9E-16	2.9E-16	2.9E-16	7.5E-16	7.5E-16	5.8E-17	5.8E-17	7.5E-16	1.1E-16	1.1E-16	1.7E-14	3.5E-20	3.5E-20	1.6E-15	1.6E-15	1.1E-14	5.4E-13	1.5E-14	1.1E-16	I132
I133	3.8E-16	3.8E-16	2.9E-15	3.8E-16	3.8E-16	3.8E-16	1.0E-15	1.0E-15	7.7E-17	7.7E-17	1.0E-15	1.4E-16	1.4E-16	2.2E-14	4.6E-20	4.6E-20	2.2E-15	2.2E-15	1.5E-14	7.2E-13	2.0E-14	1.5E-16	I133
I134	1.8E-16	1.8E-16	1.3E-15	1.8E-16	1.8E-16	1.8E-16	4.7E-16	4.7E-16	3.6E-17	3.6E-17	4.7E-16	6.5E-17	6.5E-17	1.0E-14	2.2E-20	2.2E-20	1.0E-15	1.0E-15	6.8E-15	3.3E-13	9.5E-15	1.7E-17	I134
I135	5.1E-16	5.1E-16	3.8E-15	5.1E-16	5.1E-16	5.1E-16	1.3E-15	1.3E-15	1.0E-16	1.0E-16	1.3E-15	1.9E-16	1.9E-16	2.9E-14	6.2E-20	6.2E-20	2.9E-15	2.9E-15	2.0E-14	9.6E-13	2.7E-14	2.1E-16	I135
F18	14.7E-15	4.7E-15	3.5E-14	4.7E-15	4.7E-15	4.7E-15	1.2E-14	1.2E-14	9.5E-16	9.5E-16	1.2E-14	1.7E-15	1.7E-15	2.7E-13	5.7E-19	5.7E-19	2.7E-14	2.7E-14	1.8E-13	8.8E-12	2.5E-13	1.9E-15	F18
Co58	12.4E-17	2.4E-17	1.8E-16	2.4E-17	2.4E-17	2.4E-17	6.2E-17	6.2E-17	4.7E-18	4.7E-18	6.2E-17	8.7E-18	8.7E-18	1.4E-15	2.8E-21	2.8E-21	1.3E-16	1.3E-16	9.0E-16	4.4E-14	1.3E-15	4.9E-18	Co58
Co60	6.4E-18	6.4E-18	4.8E-17	6.4E-18	6.4E-18	6.4E-18	1.7E-17	1.7E-17	1.3E-18	1.3E-18	1.7E-17	2.4E-18	2.4E-18	3.7E-16	7.8E-22	7.8E-22	3.6E-17	3.6E-17	2.5E-16	1.2E-14	3.4E-16	2.6E-18	Co60
Rb88	5.8E-12	5.8E-12	4.8E-11	5.8E-12	5.8E-12	5.8E-12	1.5E-11	1.5E-11	1.2E-12	1.2E-12	1.5E-11	2.1E-12	2.1E-12	3.7E-10	8.7E-16	8.7E-16	3.8E-11	3.8E-11	2.2E-10	9.7E-09	3.4E-10	2.7E-12	Rb88
Na24	14.1E-17	4.1E-17	3.1E-16	4.1E-17	4.1E-17	4.1E-17	1.1E-16	1.1E-16	8.3E-18	8.3E-18	1.1E-16	1.5E-17	1.5E-17	2.4E-15	5.0E-21	5.0E-21	2.3E-16	2.3E-16	1.6E-15	7.8E-14	2.2E-15	1.7E-17	Na24
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	3.0E-18	3.0E-18	2.3E-17	3.0E-18	3.0E-18	3.0E-18	7.9E-18	7.9E-18	6.0E-19	6.0E-19	7.9E-18	1.1E-18	1.1E-18	1.7E-16	3.6E-22	3.6E-22	1.7E-17	1.7E-17	1.1E-16	5.6E-15	1.6E-16	1.2E-18	Nb95
Tc99m	4.3E-18	4.3E-18	3.3E-17	4.3E-18	4.3E-18	4.3E-18	1.1E-17	1.1E-17	8.8E-19	8.8E-19	1.1E-17	1.6E-18	1.6E-18	2.5E-16	5.2E-22	5.2E-22	2.5E-17	2.5E-17	1.7E-16	8.2E-15	2.3E-16	1.7E-18	Tc99m
Cs134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	Elev_653	U1_RHR_A	U1_RHR_B	U1_CS_A	U1_CS_B	TDCT_RM	FDCT_RM	EVAP_RMP	STRIP_RM	U2_RHR_A	U2_RHR_B	U2_CS_A	U2_CS_B	Elev_669	U2_SI_A	U2_SI_B	U2_TDAFW	U2_CCP_A	U2_CCP_B	U2_CCP_C	WGDT_RM1	WGDT_RM2	Gross
Gross	1.1E-12	1.6E-14	1.6E-14	1.6E-14	1.6E-14	5.3E-14	1.6E-14	7.2E-14	1.5E-13	1.6E-14	1.6E-14	1.6E-14	1.6E-14	3.1E-11	5.5E-13	5.5E-13	5.5E-13	5.5E-13	5.5E-13	5.5E-13	4.8E-13	4.8E-13	Kr85m
Kr85m	1.2E-14	3.2E-16	3.2E-16	3.2E-16	3.2E-16	1.0E-15	7.9E-16	1.4E-15	2.9E-15	3.2E-16	3.2E-16	3.2E-16	3.2E-16	6.2E-13	1.1E-14	1.1E-14	1.1E-14	1.1E-14	1.1E-14	1.1E-14	9.5E-15	9.5E-15	Kr87
Kr87	8.3E-15	1.2E-16	1.2E-16	1.2E-16	1.2E-16	3.9E-16	3.0E-16	5.4E-16	1.1E-15	1.2E-16	1.2E-16	1.2E-16	1.2E-16	2.3E-13	4.1E-15	4.1E-15	4.1E-15	4.1E-15	4.1E-15	4.1E-15	3.6E-15	3.6E-15	Kr88
Kr88	4.0E-14	5.9E-16	5.9E-16	5.9E-16	5.9E-16	1.9E-15	1.4E-15	2.6E-15	5.3E-15	5.9E-16	5.9E-16	5.9E-16	5.9E-16	1.1E-12	2.0E-14	2.0E-14	2.0E-14	2.0E-14	2.0E-14	2.0E-14	1.7E-14	1.7E-14	Kr88
Xe133	3.9E-13	5.7E-15	5.7E-15	5.7E-15	5.7E-15	1.8E-14	1.4E-14	2.5E-14	5.1E-14	5.7E-15	5.7E-15	5.7E-15	5.7E-15	1.1E-11	1.9E-13	1.9E-13	1.9E-13	1.9E-13	1.9E-13	1.9E-13	1.7E-13	1.7E-13	Xe133
Xe133m	2.3E-13	3.3E-15	3.3E-15	3.3E-15	3.3E-15	1.1E-14	8.1E-15	1.5E-14	3.0E-14	3.3E-15	3.3E-15	3.3E-15	3.3E-15	6.3E-12	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	9.7E-14	9.7E-14	Xe133m
Xe135	2.4E-13	3.5E-15	3.5E-15	3.5E-15	3.5E-15	1.1E-14	8.5E-15	1.5E-14	3.1E-14	3.5E-15	3.5E-15	3.5E-15	3.5E-15	6.7E-12	1.2E-13	1.2E-13	1.2E-13	1.2E-13	1.2E-13	1.2E-13	1.0E-13	1.0E-13	Xe135
I131	1.4E-19	2.0E-21	2.0E-21	2.0E-21	2.0E-21	6.5E-21	4.9E-21	9.0E-21	1.8E-20	2.0E-21	2.0E-21	2.0E-21	2.0E-21	3.8E-18	6.8E-20	6.8E-20	6.8E-20	6.8E-20	6.8E-20	6.8E-20	5.9E-20	5.9E-20	I131
I132	7.8E-19	1.1E-20	1.1E-20	1.1E-20	1.1E-20	3.7E-20	2.8E-20	5.1E-20	1.0E-19	1.1E-20	1.1E-20	1.1E-20	1.1E-20	2.2E-17	3.9E-19	3.9E-19	3.9E-19	3.9E-19	3.9E-19	3.9E-19	3.4E-19	3.4E-19	I132
I133	1.1E-18	1.6E-20	1.6E-20	1.6E-20	1.6E-20	5.3E-20	4.0E-20	7.3E-20	1.5E-19	1.6E-20	1.6E-20	1.6E-20	1.6E-20	3.1E-17	5.5E-19	5.5E-19	5.5E-19	5.5E-19	5.5E-19	5.5E-19	4.8E-19	4.8E-19	I133
I134	4.3E-19	6.3E-21	6.3E-21	6.3E-21	6.3E-21	2.0E-20	1.5E-20	2.8E-20	5.6E-20	6.3E-21	6.3E-21	6.3E-21	6.3E-21	1.2E-17	2.1E-19	2.1E-19	2.1E-19	2.1E-19	2.1E-19	2.1E-19	1.8E-19	1.8E-19	I134
I135	1.5E-18	2.1E-20	2.1E-20	2.1E-20	2.1E-20	6.9E-20	5.2E-20	9.5E-20	1.9E-19	2.1E-20	2.1E-20	2.1E-20	2.1E-20	4.1E-17	7.3E-19	7.3E-19	7.3E-19	7.3E-19	7.3E-19	7.3E-19	6.3E-19	6.3E-19	I135
F18	1.3E-17	1.8E-19	1.8E-19	1.8E-19	1.8E-19	6.0E-19	4.5E-19	8.2E-19	1.6E-18	1.8E-19	1.8E-19	1.8E-19	1.8E-19	3.5E-16	6.2E-18	6.2E-18	6.2E-18	6.2E-18	6.2E-18	6.2E-18	5.4E-18	5.4E-18	F18
Co58	6.9E-20	1.0E-21	1.0E-21	1.0E-21	1.0E-21	3.3E-21	2.5E-21	4.5E-21	9.0E-21	1.0E-21	1.0E-21	1.0E-21	1.0E-21	1.9E-18	3.4E-20	3.4E-20	3.4E-20	3.4E-20	3.4E-20	3.4E-20	3.0E-20	3.0E-20	Co58
Co60	1.9E-20	2.8E-22	2.8E-22	2.8E-22	2.8E-22	8.9E-22	6.8E-22	1.2E-21	2.5E-21	2.8E-22	2.8E-22	2.8E-22	2.8E-22	5.3E-19	9.4E-21	9.4E-21	9.4E-21	9.4E-21	9.4E-21	9.4E-21	8.1E-21	8.1E-21	Co60
Rb88	2.8E-14	4.3E-16	4.3E-16	4.3E-16	4.3E-16	1.4E-15	1.0E-15	1.9E-15	3.8E-15	4.3E-16	4.3E-16	4.3E-16	4.3E-16	7.3E-13	1.4E-14	1.4E-14	1.4E-14	1.4E-14	1.4E-14	1.4E-14	1.2E-14	1.2E-14	Rb88
Na24	1.2E-19	1.8E-21	1.8E-21	1.8E-21	1.8E-21	5.7E-21	4.3E-21	7.9E-21	1.6E-20	1.8E-21	1.8E-21	1.8E-21	1.8E-21	3.4E-18	6.0E-20	6.0E-20	6.0E-20	6.0E-20	6.0E-20	6.0E-20	5.2E-20	5.2E-20	Na24
Ar41	1.5E-13	2.2E-15	2.2E-15	2.2E-15	2.2E-15	7.2E-15	5.4E-15	9.9E-15	2.0E-14	2.2E-15	2.2E-15	2.2E-15	2.2E-15	4.2E-12	7.5E-14	7.5E-14	7.5E-14	7.5E-14	7.5E-14	7.5E-14	6.5E-14	6.5E-14	Ar41
Te129	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	8.8E-21	1.3E-22	1.3E-22	1.3E-22	1.3E-22	4.2E-22	3.2E-22	5.7E-22	1.2E-21	1.3E-22	1.3E-22	1.3E-22	1.3E-22	2.5E-19	4.4E-21	4.4E-21	4.4E-21	4.4E-21	4.4E-21	4.4E-21	3.8E-21	3.8E-21	Nb95
Tc99m	1.3E-20	1.9E-22	1.9E-22	1.9E-22	1.9E-22	6.0E-22	4.6E-22	8.3E-22	1.7E-21	1.9E-22	1.9E-22	1.9E-22	1.9E-22	3.6E-19	6.3E-21	6.3E-21	6.3E-21	6.3E-21	6.3E-21	6.3E-21	5.5E-21	5.5E-21	Tc99m
Cs134	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	U1_SI_A	U1_SI_B	U1_TDAFW	U2_CCP_A	U2_CCP_B	U2_CCP_C	HUT_A_RM	HUT_B_RM	BA_EVAP1	BA_EVAP2	SPARE669	U1Pen669	U2Pen669	Elev_706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdcon	RROADBay	WPkgArea	CIDW_Bdg	Gross
Gross	5.5E-13	5.5E-13	4.0E-12	5.5E-13	5.5E-13	5.5E-13	1.4E-12	1.4E-12	1.1E-13	1.1E-13	1.4E-12	2.0E-13	2.0E-13	4.4E-11	5.3E-16	5.3E-16	6.9E-12	6.9E-12	2.0E-11	5.1E-10	4.1E-11	5.2E-13	Kr85m
Kr85m	1.1E-14	1.1E-14	7.9E-14	1.1E-14	1.1E-14	1.1E-14	2.8E-14	2.8E-14	2.2E-15	2.2E-15	2.8E-14	4.0E-15	4.0E-15	8.7E-13	1.0E-17	1.0E-17	1.4E-13	1.4E-13	4.0E-13	1.0E-11	8.0E-13	1.0E-14	Kr87
Kr87	4.1E-15	4.1E-15	3.0E-14	4.1E-15	4.1E-15	4.1E-15	1.1E-14	1.1E-14	8.4E-16	8.4E-16	1.1E-14	1.5E-15	1.5E-15	3.3E-13	3.9E-18	3.9E-18	5.2E-14	5.2E-14	1.5E-13	3.8E-12	3.0E-13	3.8E-15	Kr88
Kr88	2.0E-14	2.0E-14	1.5E-13	2.0E-14	2.0E-14	2.0E-14	5.2E-14	5.2E-14	4.1E-15	4.1E-15	5.2E-14	7.4E-15	7.4E-15	1.6E-12	1.9E-17	1.9E-17	2.5E-13	2.5E-13	7.4E-13	1.9E-11	1.5E-12	1.9E-14	Kr88
Xe133	1.9E-13	1.9E-13	1.4E-12	1.9E-13	1.9E-13	1.9E-13	5.0E-13	5.0E-13	3.9E-14	3.9E-14	5.0E-13	7.2E-14	7.2E-14	1.5E-11	1.9E-16	1.9E-16	2.4E-12	2.4E-12	7.1E-12	1.9E-10	1.4E-11	1.8E-13	Xe133
Xe133m	1.1E-13	1.1E-13	8.1E-13	1.1E-13	1.1E-13	1.1E-13	2.9E-13	2.9E-13	2.3E-14	2.3E-14	2.9E-13	4.1E-14	4.1E-14	8.9E-12	1.1E-16	1.1E-16	1.4E-12	1.4E-12	4.1E-12	1.0E-10	8.2E-12	1.0E-13	Xe133m
Xe135	1.2E-13	1.2E-13	8.5E-13	1.2E-13	1.2E-13	1.2E-13	3.1E-13	3.1E-13	2.4E-14	2.4E-14	3.1E-13	4.4E-14	4.4E-14	9.4E-12	1.1E-16	1.1E-16	1.5E-12	1.5E-12	4.3E-12	1.1E-10	8.7E-12	1.1E-13	Xe135
I131	6.8E-20	6.8E-20	4.9E-19	6.8E-20	6.8E-20	6.8E-20	1.8E-19	1.8E-19	1.4E-20	1.4E-20	1.8E-19	2.5E-20	2.5E-20	5.4E-18	6.5E-23	6.5E-23	8.6E-19	8.6E-19	2.5E-18	6.3E-17	5.0E-18	6.4E-20	I131
I132	3.9E-19	3.9E-19	2.8E-18	3.9E-19	3.9E-19	3.9E-19	1.0E-18	1.0E-18	7.8E-20	7.8E-20	1.0E-18	1.4E-19	1.4E-19	3.1E-17	3.7E-22	3.7E-22	4.9E-18	4.9E-18	1.4E-17	3.6E-16	2.8E-17	6.3E-19	I132
I133	5.5E-19	5.5E-19	4.0E-18	5.5E-19	5.5E-19	5.5E-19	1.4E-18	1.4E-18	1.1E-19	1.1E-19	1.4E-18	2.1E-19	2.1E-19	4.4E-17	5.3E-22	5.3E-22	7.0E-18	7.0E-18	2.0E-17	5.1E-16	4.1E-17	5.2E-19	I133
I134	2.1E-19	2.1E-19	1.5E-18	2.1E-19	2.1E-19	2.1E-19	5.5E-19	5.5E-19	4.3E-20	4.3E-20	5.5E-19	7.9E-20	7.9E-20	1.7E-17	2.0E-22	2.0E-22	2.7E-18	2.7E-18	7.8E-18	2.0E-16	1.6E-17	2.0E-19	I134
I135	7.3E-19	7.3E-19	5.3E-18	7.3E-19	7.3E-19	7.3E-19	1.9E-18	1.9E-18	1.5E-19	1.5E-19	1.9E-18	2.7E-19	2.7E-19	5.8E-17	6.9E-22	6.9E-22	9.1E-18	9.1E-18	2.7E-17	6.7E-16	5.3E-17	6.8E-19	I135
F18	6.2E-18	6.2E-18	4.5E-17	6.2E-18	6.2E-18	6.2E-18	1.6E-17	1.6E-17	1.3E-18	1.3E-18	1.6E-17	2.3E-18	2.3E-18	5.0E-16	6.0E-21	6.0E-21	7.8E-17	7.8E-17	2.3E-16	5.8E-15	4.6E-16	5.8E-18	F18
Co58	3.4E-20	3.4E-20	2.5E-19	3.4E-20	3.4E-20	3.4E-20	8.9E-20	8.9E-20	7.0E-21	7.0E-21	8.9E-20	1.3E-20	1.3E-20	2.7E-18	3.3E-23	3.3E-23	4.3E-19	4.3E-19	1.3E-18	3.2E-17	2.5E-18	3.2E-20	Co58
Co60	9.4E-21	9.4E-21	6.8E-20	9.4E-21	9.4E-21	9.4E-21	2.4E-20	2.4E-20	1.9E-21	1.9E-21	2.4E-20	3.5E-21	3.5E-21	7.4E-19	8.9E-24	8.9E-24	1.2E-19	1.2E-19	3.4E-19	8.7E-18	6.9E-19	8.8E-21	Co60
Rb88	1.4E-14	1.4E-14	1.0E-13	1.4E-14	1.4E-14	1.4E-14	3.6E-14	3.6E-14	2.8E-15	2.8E-15	3.6E-14	5.2E-15	5.1E-15	1.1E-12	1.4E-17	1.4E-17	1.8E-13	1.8E-13	5.1E-13	1.2E-11	1.1E-12	1.4E-14	Rb88
Na24	6.0E-20	6.0E-20	4.3E-19	6.0E-20	6.0E-20	6.0E-20	1.5E-19	1.5E-19	1.2E-20	1.2E-20	1.5E-19	2.2E-20	2.2E-20	4.7E-18	5.7E-23	5.7E-23	7.5E-19	7.5E-19	2.2E-18	5.5E-17	4.4E-18	5.6E-20	Na24
Ar41	7.5E-14	7.5E-14	5.4E-13	7.5E-14	7.5E-14	7.5E-14	2.0E-13	2.0E-13	1.5E-14	1.5E-14	2.0E-13	2.8E-14	2.8E-14	6.0E-12	7.2E-17	7.2E-17	9.4E-13	9.4E-13	2.8E-12	7.0E-11	5.5E-12	7.0E-14	Ar41
Te129	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	4.4E-21	4.4E-21	3.2E-20	4.4E-21	4.4E-21	4.4E-21	1.1E-20	1.1E-20	8.9E-22	8.9E-22	1.1E-20	1.6E-21	1.6E-21	3.5E-19	4.2E-24	4.2E-24	5.5E-20	5.5E-20	1.6E-19	4.0E-18	3.2E-19	4.1E-21	Nb95
Tc99m	6.3E-21	6.3E-21	4.6E-20	6.3E-21	6.3E-21	6.3E-21	1.6E-20	1.6E-20	1.3E-21	1.3E-21	1.6E-20	2.3E-21	2.3E-21	5.0E-19	6.0E-24	6.0E-24	7.9E-20	7.9E-20	2.3E-19	5.8E-18	4.6E-19	5.9E-21	Tc99m
Cs134	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	Elev_653	U1_RHR_A	U1_RHR_B	U1_CS_A	U1_CS_B	TDR_RM	FDOCT_RM	EVAP_FMP	STRIP_RM	U2_RHR_A	U2_RHR_B	U2_CS_A	U2_CS_B	Elev_669	U2_SI_A	U2_SI_B	U2_TDAFW	U2_CCP_A	U2_CCP_B	U2_CCP_C	WGDT_RM1	WGDT_RM2	Gross
Kr85m	10.0E+00	1.1E-12	1.1E-12	1.1E-12	1.1E-12	3.6E-12	2.7E-12	5.0E-12	1.0E-11	1.1E-12	1.1E-12	1.1E-12	1.1E-12	2.3E-09	4.0E-11	4.0E-11	4.0E-11	4.0E-11	4.0E-11	4.0E-11	3.5E-11	3.5E-11	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	14.3E-18	4.9E-20	4.9E-20	4.9E-20	4.9E-20	1.6E-19	1.2E-19	2.2E-19	4.5E-19	4.9E-20	4.9E-20	4.9E-20	4.9E-20	1.7E-16	2.1E-18	2.1E-18	2.1E-18	2.1E-18	2.1E-18	2.1E-18	1.8E-18	1.8E-18	Xe133
Xe133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
I131	17.6E-17	8.8E-19	8.8E-19	8.8E-19	8.8E-19	2.9E-18	2.2E-18	3.9E-18	8.0E-18	8.8E-19	8.8E-19	8.8E-19	8.8E-19	3.0E-15	3.8E-17	3.8E-17	3.8E-17	3.8E-17	3.8E-17	3.8E-17	3.3E-17	3.3E-17	Xe135
I131	15.3E-16	6.8E-18	6.8E-18	6.8E-18	6.8E-18	2.2E-17	1.7E-17	3.0E-17	6.1E-17	6.8E-18	6.8E-18	6.8E-18	6.8E-18	1.8E-14	2.6E-16	2.6E-16	2.6E-16	2.6E-16	2.6E-16	2.6E-16	2.3E-16	2.3E-16	I131
I132	3.0E-15	3.8E-17	3.8E-17	3.8E-17	3.8E-17	1.2E-16	9.5E-17	1.7E-16	3.5E-16	3.8E-17	3.8E-17	3.8E-17	3.8E-17	1.0E-13	1.5E-15	1.5E-15	1.5E-15	1.5E-15	1.5E-15	1.5E-15	1.3E-15	1.3E-15	I132
I133	4.3E-15	5.5E-17	5.5E-17	5.5E-17	5.5E-17	1.4E-16	1.0E-16	2.5E-16	5.0E-16	5.5E-17	5.5E-17	5.5E-17	5.5E-17	1.5E-13	2.1E-15	2.1E-15	2.1E-15	2.1E-15	2.1E-15	2.1E-15	1.9E-15	1.9E-15	I133
I134	1.1E-15	2.1E-17	2.1E-17	2.1E-17	2.1E-17	6.9E-17	5.2E-17	9.5E-17	1.9E-16	2.1E-17	2.1E-17	2.1E-17	2.1E-17	5.6E-14	8.2E-16	8.2E-16	8.2E-16	8.2E-16	8.2E-16	8.2E-16	7.1E-16	7.1E-16	I134
I135	15.7E-15	7.2E-17	7.2E-17	7.2E-17	7.2E-17	2.3E-16	1.8E-16	3.2E-16	6.5E-16	7.2E-17	7.2E-17	7.2E-17	7.2E-17	1.9E-13	2.8E-15	2.8E-15	2.8E-15	2.8E-15	2.8E-15	2.8E-15	2.4E-15	2.4E-15	I135
F18	14.9E-14	6.2E-16	6.2E-16	6.2E-16	6.2E-16	2.0E-15	1.5E-15	2.8E-15	5.6E-15	6.2E-16	6.2E-16	6.2E-16	6.2E-16	1.7E-12	2.4E-14	2.4E-14	2.4E-14	2.4E-14	2.4E-14	2.4E-14	2.1E-14	2.1E-14	F18
Co58	12.7E-16	3.4E-18	3.4E-18	3.4E-18	3.4E-18	1.1E-17	8.4E-18	1.5E-17	3.1E-17	3.4E-18	3.4E-18	3.4E-18	3.4E-18	9.1E-15	1.3E-16	1.3E-16	1.3E-16	1.3E-16	1.3E-16	1.3E-16	1.1E-16	1.1E-16	Co58
Co60	7.3E-17	9.3E-19	9.3E-19	9.3E-19	9.3E-19	3.0E-18	2.3E-18	4.2E-18	8.4E-18	9.3E-19	9.3E-19	9.3E-19	9.3E-19	2.5E-15	3.6E-17	3.6E-17	3.6E-17	3.6E-17	3.6E-17	3.6E-17	3.1E-17	3.1E-17	Co60
Rb88	16.6E-11	9.2E-13	9.2E-13	9.2E-13	9.2E-13	3.0E-12	2.3E-12	4.1E-12	8.3E-12	9.2E-13	9.2E-13	9.2E-13	9.2E-13	1.9E-09	3.3E-11	3.3E-11	3.3E-11	3.3E-11	3.3E-11	3.3E-11	2.8E-11	2.8E-11	Rb88
Na24	14.7E-16	5.9E-18	5.9E-18	5.9E-18	5.9E-18	1.9E-17	1.5E-17	2.7E-17	5.4E-17	5.9E-18	5.9E-18	5.9E-18	5.9E-18	1.6E-14	2.3E-16	2.3E-16	2.3E-16	2.3E-16	2.3E-16	2.3E-16	2.0E-16	2.0E-16	Na24
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	13.4E-17	4.3E-19	4.3E-19	4.3E-19	4.3E-19	1.4E-18	1.1E-18	1.9E-18	3.9E-18	4.3E-19	4.3E-19	4.3E-19	4.3E-19	1.2E-15	1.7E-17	1.7E-17	1.7E-17	1.7E-17	1.7E-17	1.7E-17	1.5E-17	1.5E-17	Nb95
Tc99m	14.9E-17	6.3E-19	6.3E-19	6.3E-19	6.3E-19	2.0E-18	1.5E-18	2.8E-18	5.7E-18	6.3E-19	6.3E-19	6.3E-19	6.3E-19	1.7E-15	2.4E-17	2.4E-17	2.4E-17	2.4E-17	2.4E-17	2.4E-17	2.1E-17	2.1E-17	Tc99m
Cs134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1_SI_A	U1_SI_B	U1_TDAFW	U1_CCP_A	U1_CCP_B	U1_CCP_C	HUT_A_RM	HUT_B_RM	BA_EVAP1	BA_EVAP2	SPARE669	U1Pen669	U2Pen669	Elev_706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKIcon	RRoadBay	WpkgArea	CIDWE_Bldg	Gross
Gross	14.0E-11	4.0E-11	2.9E-10	4.0E-11	4.0E-11	4.0E-11	1.0E-10	1.0E-10	8.1E-12	8.1E-12	1.0E-10	1.5E-11	1.5E-11	3.2E-09	2.0E-14	2.0E-14	4.7E-10	4.7E-10	1.5E-09	3.9E-08	2.9E-09	3.5E-11	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	12.1E-18	2.1E-18	1.6E-17	2.1E-18	2.1E-18	2.1E-18	5.5E-18	5.5E-18	4.3E-19	4.3E-19	5.5E-18	7.8E-19	7.8E-19	1.5E-16	6.5E-22	6.5E-22	1.9E-17	1.9E-17	7.9E-17	3.0E-15	1.3E-16	1.3E-18	Xe133
Xe133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	13.8E-17	3.8E-17	2.8E-16	3.8E-17	3.8E-17	3.8E-17	9.9E-17	9.9E-17	7.6E-18	7.6E-18	9.9E-17	1.4E-17	1.4E-17	2.6E-15	1.2E-20	1.2E-20	3.3E-16	3.3E-16	1.4E-15	5.4E-14	2.4E-15	2.4E-17	Xe135
I131	12.6E-16	2.6E-16	1.9E-15	2.6E-16	2.6E-16	2.6E-16	6.9E-16	6.9E-16	5.3E-17	5.3E-17	6.9E-16	9.7E-17	9.7E-17	2.0E-14	1.1E-19	1.1E-19	2.7E-15	2.7E-15	9.8E-15	3.2E-13	1.8E-14	2.0E-16	I131
I132	1.1E-15	1.5E-15	1.1E-14	1.5E-15	1.5E-15	1.5E-15	3.9E-15	3.9E-15	3.0E-16	3.0E-16	3.9E-15	5.5E-16	5.5E-16	1.1E-13	6.0E-19	6.0E-19	1.5E-14	1.5E-14	5.6E-14	1.6E-12	1.0E-13	1.1E-15	I132
I133	12.1E-15	2.1E-15	1.6E-14	2.1E-15	2.1E-15	2.1E-15	5.6E-15	5.6E-15	4.3E-16	4.3E-16	5.6E-15	7.9E-16	7.9E-16	1.6E-13	8.6E-19	8.6E-19	2.2E-14	2.2E-14	8.0E-14	2.8E-12	1.5E-13	1.6E-15	I133
I134	8.2E-16	8.2E-16	6.0E-15	8.2E-16	8.2E-16	8.2E-16	2.1E-15	2.1E-15	1.7E-16	1.7E-16	2.1E-15	3.0E-16	3.0E-16	6.1E-14	3.3E-19	3.3E-19	8.5E-15	8.5E-15	1.0E-14	9.8E-13	5.6E-14	6.2E-16	I134
I135	12.8E-15	2.8E-15	2.1E-14	2.8E-15	2.8E-15	2.8E-15	7.3E-15	7.3E-15	5.7E-16	5.7E-16	7.3E-15	1.0E-15	1.0E-15	2.1E-13	1.1E-18	1.1E-18	2.9E-14	2.9E-14	1.0E-13	3.4E-12	1.9E-13	2.1E-15	I135
F18	12.4E-14	2.4E-14	1.8E-13	2.4E-14	2.4E-14	2.4E-14	6.3E-14	6.3E-14	4.9E-15	4.9E-15	6.3E-14	8.9E-15	8.9E-15	1.8E-12	9.7E-18	9.7E-18	2.5E-13	2.5E-13	9.0E-13	2.9E-11	1.7E-12	1.8E-14	F18
Co58	1.1E-16	1.3E-16	9.7E-16	1.3E-16	1.3E-16	1.3E-16	3.5E-16	3.5E-16	2.7E-17	2.7E-17	3.5E-16	4.9E-17	4.9E-17	9.8E-15	5.3E-20	5.3E-20	1.4E-15	1.4E-15	4.9E-15	1.6E-13	9.1E-15	1.0E-16	Co58
Co60	13.6E-17	3.6E-17	2.7E-16	3.6E-17	3.6E-17	3.6E-17	9.4E-17	9.4E-17	7.3E-18	7.3E-18	9.4E-17	1.3E-17	1.3E-17	2.7E-15	1.5E-20	1.5E-20	3.7E-16	3.7E-16	1.3E-15	4.3E-14	2.5E-15	2.7E-17	Co60
Rb88	13.3E-11	3.3E-11	2.4E-10	3.3E-11	3.3E-11	3.3E-11	8.5E-11	8.5E-11	6.6E-12	6.6E-12	8.5E-11	1.2E-11	1.2E-11	2.6E-09	1.6E-14	1.6E-14	3.9E-10	3.9E-10	1.2E-09	3.2E-08	2.4E-09	2.9E-11	Rb88
Na24	12.3E-16	2.3E-16	1.7E-15	2.3E-16	2.3E-16	2.3E-16	6.0E-16	6.0E-16	4.7E-17	4.7E-17	6.0E-16	8.5E-17	8.5E-17	1.7E-14	9.3E-20	9.3E-20	2.4E-15	2.4E-15	8.6E-15	2.8E-1			

[illegible][illegible]

	IElev 653	U1_RHR A	U1_RHR B	U1_CS A	U1_CS B	TDCT_RM	FDCT_RM	EVAP_PMP	STRIP_RM	U2_RHR A	U2_RHR B	U2_CS A	U2_CS B	Elev 669	U2_SI A	U2_SI B	U2_TDAFW	U2_CCP A	U2_CCP B	U2_CCP C	WGDT_RM1	WGDT_RM2	Gross
Gross	12.8E-12	5.0E-14	5.0E-14	5.0E-14	5.0E-14	1.6E-13	1.2E-13	2.2E-13	4.4E-13	5.0E-14	5.0E-14	5.0E-14	5.0E-14	6.4E-11	1.4E-12	1.4E-12	1.4E-12	1.4E-12	1.4E-12	1.4E-12	1.2E-12	1.2E-12	Gross
Kr85m	15.4E-14	9.8E-16	9.8E-16	9.8E-16	9.8E-16	3.1E-15	2.4E-15	4.3E-15	8.5E-15	9.8E-16	9.8E-16	9.8E-16	9.8E-16	1.3E-12	2.7E-14	2.7E-14	2.7E-14	2.7E-14	2.7E-14	2.7E-14	2.3E-14	2.3E-14	Kr85m
Kr87	11.8E-14	3.3E-16	3.3E-16	3.3E-16	3.3E-16	1.1E-15	8.2E-16	1.5E-15	2.9E-15	3.3E-16	3.3E-16	3.3E-16	3.3E-16	4.3E-13	9.1E-15	9.1E-15	9.1E-15	9.1E-15	9.1E-15	9.1E-15	7.9E-15	7.9E-15	Kr87
Kr88	9.6E-14	1.8E-15	1.8E-15	1.8E-15	1.8E-15	5.6E-15	4.3E-15	7.7E-15	1.5E-14	1.8E-15	1.8E-15	1.8E-15	1.8E-15	2.2E-12	4.8E-14	4.8E-14	4.8E-14	4.8E-14	4.8E-14	4.8E-14	4.2E-14	4.2E-14	Kr88
Xe133	9.9E-13	1.0E-14	1.0E-14	1.0E-14	1.0E-14	5.8E-14	4.4E-14	8.0E-14	1.6E-13	1.8E-14	1.8E-14	1.8E-14	1.8E-14	2.3E-11	4.9E-13	4.9E-13	4.9E-13	4.9E-13	4.9E-13	4.9E-13	4.3E-13	4.3E-13	Xe133
Xe133m	5.7E-13	1.0E-14	1.0E-14	1.0E-14	1.0E-14	3.3E-14	2.5E-14	4.6E-14	9.1E-14	1.0E-14	1.0E-14	1.0E-14	1.0E-14	1.3E-11	2.8E-13	2.8E-13	2.8E-13	2.8E-13	2.8E-13	2.8E-13	2.5E-13	2.5E-13	Xe133m
Xe135	5.9E-13	1.1E-14	1.1E-14	1.1E-14	1.1E-14	3.5E-14	2.6E-14	4.8E-14	9.4E-14	1.1E-14	1.1E-14	1.1E-14	1.1E-14	1.4E-11	2.9E-13	2.9E-13	2.9E-13	2.9E-13	2.9E-13	2.9E-13	2.6E-13	2.6E-13	Xe135
I131	3.5E-19	6.4E-21	6.4E-21	6.4E-21	6.4E-21	2.0E-20	1.5E-20	2.8E-20	5.7E-20	6.4E-21	6.4E-21	6.4E-21	6.4E-21	1.8E-18	1.7E-19	1.7E-19	1.7E-19	1.7E-19	1.7E-19	1.7E-19	1.5E-19	1.5E-19	I131
I132	1.1E-18	3.3E-20	3.3E-20	3.3E-20	3.3E-20	1.1E-19	8.1E-20	1.5E-19	2.9E-19	3.3E-20	3.3E-20	3.3E-20	3.3E-20	4.2E-17	9.1E-19	9.1E-19	9.1E-19	9.1E-19	9.1E-19	9.1E-19	7.9E-19	7.9E-19	I132
I133	2.8E-18	5.1E-20	5.1E-20	5.1E-20	5.1E-20	1.6E-19	1.3E-19	2.3E-19	4.5E-19	5.1E-20	5.1E-20	5.1E-20	5.1E-20	6.5E-17	1.4E-18	1.4E-18	1.4E-18	1.4E-18	1.4E-18	1.4E-18	1.2E-18	1.2E-18	I133
I134	8.9E-19	1.6E-20	1.6E-20	1.6E-20	1.6E-20	5.2E-20	4.0E-20	7.1E-20	1.4E-19	1.6E-20	1.6E-20	1.6E-20	1.6E-20	2.1E-17	4.4E-19	4.4E-19	4.4E-19	4.4E-19	4.4E-19	4.4E-19	3.8E-19	3.8E-19	I134
I135	3.6E-18	6.6E-20	6.6E-20	6.6E-20	6.6E-20	2.1E-19	1.6E-19	2.9E-19	5.7E-19	6.6E-20	6.6E-20	6.6E-20	6.6E-20	8.4E-17	1.8E-18	1.8E-18	1.8E-18	1.8E-18	1.8E-18	1.8E-18	1.6E-18	1.6E-18	I135
F18	12.9E-17	5.3E-19	5.3E-19	5.3E-19	5.3E-19	1.7E-18	1.3E-18	2.3E-18	4.6E-18	5.3E-19	5.3E-19	5.3E-19	5.3E-19	6.7E-16	1.4E-17	1.4E-17	1.4E-17	1.4E-17	1.4E-17	1.4E-17	1.3E-17	1.3E-17	F18
Co58	11.7E-19	3.2E-21	3.2E-21	3.2E-21	3.2E-21	1.0E-20	7.8E-21	1.4E-20	3.2E-21	3.2E-21	3.2E-21	3.2E-21	3.2E-21	4.1E-18	8.7E-20	8.7E-20	8.7E-20	8.7E-20	8.7E-20	8.7E-20	7.6E-20	7.6E-20	Co58
Co60	4.8E-20	8.7E-22	8.7E-22	8.7E-22	8.7E-22	2.8E-21	2.1E-21	3.8E-21	7.6E-21	8.7E-22	8.7E-22	8.7E-22	8.7E-22	1.1E-18	2.4E-20	2.4E-20	2.4E-20	2.4E-20	2.4E-20	2.4E-20	2.1E-20	2.1E-20	Co60
Rb88	7.3E-14	1.4E-15	1.4E-15	1.4E-15	1.4E-15	4.5E-15	3.4E-15	6.2E-15	1.2E-14	1.4E-15	1.4E-15	1.4E-15	1.4E-15	1.5E-12	3.6E-14	3.6E-14	3.6E-14	3.6E-14	3.6E-14	3.6E-14	3.1E-14	3.1E-14	Rb88
Na24	3.0E-19	5.5E-21	5.5E-21	5.5E-21	5.5E-21	1.8E-20	1.3E-20	2.4E-20	4.8E-20	5.5E-21	5.5E-21	5.5E-21	5.5E-21	7.0E-18	1.5E-19	1.5E-19	1.5E-19	1.5E-19	1.5E-19	1.5E-19	1.3E-19	1.3E-19	Na24
Ar41	3.5E-13	6.4E-15	6.4E-15	6.4E-15	6.4E-15	2.0E-14	1.6E-14	2.8E-14	5.6E-14	6.4E-15	6.4E-15	6.4E-15	6.4E-15	8.2E-12	1.7E-13	1.7E-13	1.7E-13	1.7E-13	1.7E-13	1.7E-13	1.5E-13	1.5E-13	Ar41
Te129	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	2.2E-20	4.1E-22	4.1E-22	4.1E-22	4.1E-22	1.3E-21	9.9E-22	1.8E-21	3.6E-21	4.1E-22	4.1E-22	4.1E-22	4.1E-22	5.2E-19	1.1E-20	1.1E-20	1.1E-20	1.1E-20	1.1E-20	1.1E-20	9.6E-21	9.6E-21	Nb95
Tc99m	3.2E-20	5.9E-22	5.9E-22	5.9E-22	5.9E-22	1.9E-21	1.4E-21	2.6E-21	5.1E-21	5.9E-22	5.9E-22	5.9E-22	5.9E-22	7.5E-19	1.6E-20	1.6E-20	1.6E-20	1.6E-20	1.6E-20	1.6E-20	1.4E-20	1.4E-20	Tc99m
Cs134	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1 SI A	U1 SI B	U1 TDAFW	U1 CCP A	U1 CCP B	U1 CCP C	HUT A RM	HUT B RM	BA EVAP1	BA EVAP2	SPARE669	U1Pen669	U2Pen669	Elev 706	U1 UHI	U2 UHI	U1 PASF	U2 PASF	CASKdcon	RRadBay	WPKgArea	CDWE Bdg	Gross
Gross	11.4E-12	1.4E-12	9.7E-12	1.4E-12	1.4E-12	1.4E-12	3.6E-12	3.6E-12	2.8E-13	2.8E-13	3.6E-12	5.1E-13	5.1E-13	1.1E-10	3.3E-15	3.3E-15	2.2E-11	2.2E-11	2.2E-11	9.8E-10	1.0E-10	1.0E-10	Gross
Kr85m	12.7E-14	2.7E-14	1.9E-13	2.7E-14	2.7E-14	2.7E-14	6.9E-14	6.9E-14	5.4E-15	5.4E-15	6.9E-14	9.9E-15	9.9E-15	2.2E-12	6.3E-17	6.3E-17	4.3E-13	4.3E-13	1.0E-12	1.9E-11	2.0E-12	3.3E-14	Kr85m
Kr87	9.1E-15	9.1E-15	6.5E-14	9.1E-15	9.1E-15	9.1E-15	2.4E-14	2.4E-14	1.9E-15	1.9E-15	2.4E-14	3.4E-15	3.4E-15	7.5E-13	2.2E-17	2.2E-17	1.5E-13	1.5E-13	3.5E-13	6.5E-12	6.9E-13	1.1E-14	Kr87
Kr88	4.8E-14	4.8E-14	3.4E-13	4.8E-14	4.8E-14	4.8E-14	1.2E-13	1.2E-13	9.8E-15	9.8E-15	1.2E-13	1.8E-14	1.8E-14	3.9E-12	1.1E-16	1.1E-16	7.7E-13	7.7E-13	1.8E-12	3.4E-11	3.6E-12	6.0E-14	Kr88
Xe133	4.9E-13	4.9E-13	3.5E-12	4.9E-13	4.9E-13	4.9E-13	1.3E-12	1.3E-12	1.0E-13	1.0E-13	1.3E-12	1.8E-13	1.8E-13	4.0E-11	1.2E-15	1.2E-15	8.0E-12	8.0E-12	1.9E-11	3.5E-10	3.7E-11	6.2E-13	Xe133
Xe133m	2.8E-13	2.8E-13	2.0E-12	2.8E-13	2.8E-13	2.8E-13	7.3E-13	7.3E-13	5.8E-14	5.8E-14	7.3E-13	1.1E-13	1.1E-13	2.3E-11	6.7E-16	6.7E-16	4.6E-12	4.6E-12	1.1E-11	2.0E-10	2.2E-11	3.5E-13	Xe133m
Xe135	2.9E-13	2.9E-13	2.1E-12	2.9E-13	2.9E-13	2.9E-13	7.6E-13	7.6E-13	6.0E-14	6.0E-14	7.6E-13	1.1E-13	1.1E-13	2.4E-11	7.0E-16	7.0E-16	4.8E-12	4.8E-12	1.1E-11	2.1E-10	2.2E-11	3.7E-13	Xe135
I131	1.1E-19	1.7E-19	1.2E-18	1.7E-19	1.7E-19	1.7E-19	4.5E-19	4.5E-19	3.5E-20	3.5E-20	4.5E-19	6.4E-20	6.4E-20	1.4E-17	4.1E-22	4.1E-22	2.8E-18	2.8E-18	6.5E-18	1.2E-16	1.3E-17	2.2E-19	I131
I132	9.1E-19	9.1E-19	6.4E-18	9.1E-19	9.1E-19	9.1E-19	2.3E-18	2.3E-18	1.9E-19	1.9E-19	2.3E-18	3.4E-19	3.4E-19	7.5E-17	2.2E-21	2.2E-21	1.5E-17	1.5E-17	3.4E-17	6.4E-16	6.9E-17	1.1E-18	I132
I133	1.4E-18	1.4E-18	9.9E-18	1.4E-18	1.4E-18	1.4E-18	3.6E-18	3.6E-18	2.9E-19	2.9E-19	3.6E-18	5.2E-19	5.2E-19	1.1E-16	3.3E-21	3.3E-21	2.3E-17	2.3E-17	5.3E-17	9.9E-16	1.1E-16	1.8E-18	I133
I134	4.4E-19	4.4E-19	3.1E-18	4.4E-19	4.4E-19	4.4E-19	1.1E-18	1.1E-18	9.0E-20	9.0E-20	1.1E-18	1.6E-19	1.6E-19	3.6E-17	1.0E-21	1.0E-21	7.2E-18	7.2E-18	1.7E-17	3.1E-16	3.4E-17	5.5E-19	I134
I135	1.8E-18	1.8E-18	1.3E-17	1.8E-18	1.8E-18	1.8E-18	4.6E-18	4.6E-18	3.7E-19	3.7E-19	4.6E-18	6.7E-19	6.7E-19	1.5E-16	4.3E-21	4.3E-21	2.9E-17	2.9E-17	6.8E-17	1.3E-15	1.4E-16	2.2E-18	I135
F18	1.4E-17	1.4E-17	1.0E-16	1.4E-17	1.4E-17	1.4E-17	3.7E-17	3.7E-17	2.9E-18	2.9E-18	3.7E-17	5.3E-18	5.3E-18	1.2E-15	3.4E-20	3.4E-20	2.3E-16	2.3E-16	5.5E-16	1.0E-14	1.1E-15	1.8E-17	F18
Co58	8.7E-20	8.7E-20	6.2E-19	8.7E-20	8.7E-20	8.7E-20	2.2E-19	2.2E-19	1.8E-20	1.8E-20	2.2E-19	3.2E-20	3.2E-20	7.2E-18	2.1E-22	2.1E-22	1.4E-18	1.4E-18	3.3E-18	6.2E-17	6.6E-18	1.1E-19	Co58
Co60	2.4E-20	2.4E-20	1.7E-19	2.4E-20	2.4E-20	2.4E-20	6.1E-20	6.1E-20	4.8E-21	4.8E-21	6.1E-20	8.8E-21	8.8E-21	2.0E-18	5.6E-23	5.6E-23	3.8E-19	3.8E-19	9.0E-19	1.7E-17	1.8E-1		

	Elev 653	U1 RHR A	U1 RHR B	U1 CS A	U1 CS B	TDCT_RM	FDCT_RM	EVAP_PMP	STRIP_RM	U2 RHR A	U2 RHR B	U2 CS A	U2 CS B	Elev 669	U2 SI A	U2 SI B	U2 TDAFW	U2 CCP A	U2 CCP B	U2 CCP C	WGDT_RM1	WGDT_RM2	Gross
Gross	12.5E-10	4.5E-12	4.5E-12	4.5E-12	4.5E-12	1.4E-11	1.1E-11	2.0E-11	3.9E-11	4.5E-12	4.5E-12	4.5E-12	4.5E-12	5.7E-09	1.3E-10	1.3E-10	1.3E-10	1.3E-10	1.3E-10	1.3E-10	1.1E-10	1.1E-10	Kr85m
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	11.7E-17	2.4E-19	2.4E-19	2.4E-19	2.4E-19	7.7E-19	5.8E-19	1.1E-18	2.1E-18	2.4E-19	2.4E-19	2.4E-19	2.4E-19	5.3E-16	8.3E-18	8.3E-18	8.3E-18	8.3E-18	8.3E-18	8.3E-18	7.2E-18	7.2E-18	Xe133
Xe133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	12.9E-16	4.1E-18	4.1E-18	4.1E-18	4.1E-18	1.3E-17	1.0E-17	1.8E-17	3.7E-17	4.1E-18	4.1E-18	4.1E-18	4.1E-18	9.2E-15	1.5E-16	1.5E-16	1.5E-16	1.5E-16	1.5E-16	1.5E-16	1.3E-16	1.3E-16	Xe135
I131	1.7E-15	2.7E-17	2.7E-17	2.7E-17	2.7E-17	8.6E-17	6.5E-17	1.2E-16	2.4E-16	2.7E-17	2.7E-17	2.7E-17	2.7E-17	4.6E-14	8.4E-16	8.4E-16	8.4E-16	8.4E-16	8.4E-16	8.4E-16	7.3E-16	7.3E-16	I131
I132	8.9E-15	1.4E-16	1.4E-16	1.4E-16	1.4E-16	4.5E-16	3.4E-16	6.2E-16	1.2E-15	1.4E-16	1.4E-16	1.4E-16	1.4E-16	2.4E-13	4.4E-15	4.4E-15	4.4E-15	4.4E-15	4.4E-15	4.4E-15	3.8E-15	3.8E-15	I132
I133	11.4E-14	2.2E-16	2.2E-16	2.2E-16	2.2E-16	7.0E-16	5.3E-16	9.6E-16	1.9E-15	2.2E-16	2.2E-16	2.2E-16	2.2E-16	2.2E-16	3.7E-13	6.8E-15	6.8E-15	6.8E-15	6.8E-15	6.8E-15	5.9E-15	5.9E-15	I133
I134	14.3E-15	6.8E-17	6.8E-17	6.8E-17	6.8E-17	2.2E-16	1.7E-16	3.0E-16	6.0E-16	6.8E-17	6.8E-17	6.8E-17	6.8E-17	1.2E-13	2.1E-15	2.1E-15	2.1E-15	2.1E-15	2.1E-15	2.1E-15	1.9E-15	1.9E-15	I134
I135	11.7E-14	2.8E-16	2.8E-16	2.8E-16	2.8E-16	8.9E-16	6.8E-16	1.2E-15	2.5E-15	2.8E-16	2.8E-16	2.8E-16	2.8E-16	8.4E-13	8.7E-15	8.7E-15	8.7E-15	8.7E-15	8.7E-15	8.7E-15	7.5E-15	7.5E-15	I135
F18	1.4E-13	2.2E-15	2.2E-15	2.2E-15	2.2E-15	7.2E-15	5.4E-15	9.9E-15	2.0E-14	2.2E-15	2.2E-15	2.2E-15	2.2E-15	3.8E-12	7.0E-14	7.0E-14	7.0E-14	7.0E-14	7.0E-14	7.0E-14	6.1E-14	6.1E-14	F18
Co58	18.5E-16	1.3E-17	1.3E-17	1.3E-17	1.3E-17	4.3E-17	3.3E-17	6.0E-17	1.2E-16	1.3E-17	1.3E-17	1.3E-17	1.3E-17	2.3E-14	4.2E-16	4.2E-16	4.2E-16	4.2E-16	4.2E-16	4.2E-16	3.7E-16	3.7E-16	Co58
Co60	12.3E-16	3.7E-18	3.7E-18	3.7E-18	3.7E-18	1.2E-17	9.0E-18	1.6E-17	3.2E-17	3.7E-18	3.7E-18	3.7E-18	3.7E-18	6.3E-15	1.1E-16	1.1E-16	1.1E-16	1.1E-16	1.1E-16	1.1E-16	1.0E-16	1.0E-16	Co60
Rb88	12.1E-10	3.7E-12	3.7E-12	3.7E-12	3.7E-12	1.2E-11	9.0E-12	1.6E-11	3.2E-11	3.7E-12	3.7E-12	3.7E-12	3.7E-12	4.7E-09	1.0E-10	1.0E-10	1.0E-10	1.0E-10	1.0E-10	1.0E-10	9.0E-11	9.0E-11	Rb88
Na24	1.5E-15	2.3E-17	2.3E-17	2.3E-17	2.3E-17	7.4E-17	5.6E-17	1.0E-16	2.0E-16	2.3E-17	2.3E-17	2.3E-17	2.3E-17	4.0E-14	7.2E-16	7.2E-16	7.2E-16	7.2E-16	7.2E-16	7.2E-16	6.3E-16	6.3E-16	Na24
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	1.1E-16	1.7E-18	1.7E-18	1.7E-18	1.7E-18	5.5E-18	4.2E-18	7.6E-18	1.5E-17	1.7E-18	1.7E-18	1.7E-18	1.7E-18	3.0E-15	5.4E-17	5.4E-17	5.4E-17	5.4E-17	5.4E-17	5.4E-17	4.7E-17	4.7E-17	Nb95
Tc99m	1.6E-16	2.5E-18	2.5E-18	2.5E-18	2.5E-18	8.0E-18	6.0E-18	1.1E-17	2.2E-17	2.5E-18	2.5E-18	2.5E-18	2.5E-18	4.3E-15	7.7E-17	7.7E-17	7.7E-17	7.7E-17	7.7E-17	7.7E-17	6.7E-17	6.7E-17	Tc99m
Cs134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1 SI_A	U1 SI_B	U1 TDAFW	U1 CCP_A	U1 CCP_B	U1 CCP_C	HUT_A_RM	HUT_B_RM	BA_EVAP1	BA_EVAP2	SPARE669	U1Pen669	U2Pen669	Elev 706	U1 UHI	U2 UHI	U1 PASF	U2 PASF	CASKdcon	RRoadBay	WPKgArea	CWUE_Bdg	Gross
Gross	11.3E-10	1.3E-10	8.9E-10	1.3E-10	1.3E-10	1.3E-10	3.3E-10	3.3E-10	2.6E-11	2.6E-11	3.3E-10	4.7E-11	4.6E-11	1.0E-08	1.9E-13	1.9E-13	2.0E-09	2.0E-09	4.7E-09	8.5E-09	9.6E-09	1.5E-10	Kr85m
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133	8.3E-18	8.3E-18	6.0E-17	8.3E-18	8.3E-18	8.3E-18	8.3E-18	2.2E-17	1.7E-18	2.2E-17	1.7E-18	3.1E-18	3.1E-18	6.3E-16	6.2E-21	6.2E-21	9.8E-17	9.8E-17	3.1E-16	9.0E-15	5.8E-16	7.3E-18	Xe133m
Xe133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
Xe135	11.5E-16	1.5E-16	1.1E-15	1.5E-16	1.5E-16	1.5E-16	3.8E-16	3.8E-16	3.0E-17	3.8E-16	5.4E-17	5.4E-17	5.4E-17	1.1E-14	1.1E-19	1.1E-19	1.7E-15	1.7E-15	5.4E-15	1.6E-13	1.0E-14	1.3E-16	I131
I131	8.4E-16	8.4E-16	6.0E-15	8.4E-16	8.4E-16	8.4E-16	2.2E-15	2.2E-15	1.7E-16	1.7E-16	2.2E-15	3.1E-16	3.1E-16	6.7E-14	1.0E-18	1.0E-18	1.1E-14	1.1E-14	3.1E-14	7.5E-13	6.2E-14	8.7E-16	I132
I132	14.4E-15	4.4E-15	3.2E-14	4.4E-15	4.4E-15	4.4E-15	4.4E-15	1.1E-14	1.1E-14	8.9E-16	8.9E-16	1.1E-14	1.1E-14	3.5E-13	3.5E-13	3.5E-13	6.0E-14	6.0E-14	1.6E-13	3.9E-12	3.2E-13	4.6E-15	I133
I133	16.8E-15	6.8E-15	4.9E-14	6.8E-15	6.8E-15	6.8E-15	1.8E-14	1.8E-14	1.4E-15	1.4E-15	1.8E-14	2.5E-15	2.5E-15	5.4E-13	2.6E-18	2.6E-18	9.3E-14	9.3E-14	2.5E-13	6.0E-12	5.0E-13	7.0E-15	I134
I134	12.1E-15	2.1E-15	1.5E-14	2.1E-15	2.1E-15	2.1E-15	5.5E-15	5.5E-15	4.3E-16	4.3E-16	5.5E-15	7.9E-16	7.9E-16	1.7E-13	8.1E-18	8.1E-18	2.9E-14	2.9E-14	8.0E-14	1.9E-12	1.6E-13	2.2E-15	I135
I135	8.7E-15	8.7E-15	6.2E-14	8.7E-15	8.7E-15	8.7E-15	8.7E-15	2.3E-14	2.3E-14	1.8E-15	1.8E-15	2.3E-14	2.3E-15	6.9E-13	1.0E-17	1.0E-17	1.2E-13	1.2E-13	3.3E-13	7.8E-12	6.4E-13	9.0E-15	F18
F18	7.7E-14	7.0E-14	5.0E-13	7.0E-14	7.0E-14	7.0E-14	1.8E-13	1.8E-13	1.4E-14	1.4E-14	1.8E-13	2.6E-14	2.6E-14	5.5E-12	8.3E-17	8.3E-17	9.5E-13	9.5E-13	2.6E-12	6.2E-11	5.1E-12	7.2E-14	Co58
Co58	14.2E-16	4.2E-16	3.0E-15	4.2E-16	4.2E-16	4.2E-16	1.1E-15	1.1E-15	8.6E-17	8.6E-17	1.1E-15	1.6E-16	1.6E-16	3.3E-14	5.0E-19	5.0E-19	5.8E-15	5.8E-15	1.6E-14	3.8E-13	3.1E-14	4.4E-16	Co60
Co60	11.1E-16	1.1E-16	8.3E-16	1.1E-16	1.1E-16	1.1E-16	3.0E-16	3.0E-16	2.3E-17	2.3E-17	3.0E-16	4.3E-17	4.2E-17	9.1E-15	1.4E-19	1.4E-19	1.6E-15	1.6E-15	4.3E-15	1.0E-13	8.5E-15		

	Elev 653	U1_RHR_A	U1_RHR_B	U1_CS_A	U1_CS_B	TDCT_RM	FDCT_RM	EVAP_RMP	STRIP_RM	U2_RHR_A	U2_RHR_B	U2_CS_A	U2_CS_B	Elev 669	U2_SI_A	U2_SI_B	U2_TDAFW	U2_CCP_A	U2_CCP_B	U2_CCP_C	WGDT_RM1	WGDT_RM2	Gross
Gross	15.7E-12	1.3E-13	1.3E-13	1.3E-13	1.3E-13	4.1E-13	3.1E-13	5.5E-13	1.1E-12	1.3E-13	1.3E-13	1.3E-13	1.3E-13	1.0E-10	2.8E-12	2.8E-12	2.8E-12	2.8E-12	2.8E-12	2.8E-12	2.5E-12	2.5E-12	Kr85m
Kr85m	1.1E-13	2.4E-15	2.4E-15	2.4E-15	2.4E-15	7.7E-15	5.9E-15	1.1E-14	2.1E-14	2.4E-15	2.4E-15	2.4E-15	2.4E-15	2.0E-12	5.4E-14	5.4E-14	5.4E-14	5.4E-14	5.4E-14	5.4E-14	4.7E-14	4.7E-14	Kr85m
Kr87	13.4E-14	7.5E-16	7.5E-16	7.5E-16	7.5E-16	2.4E-15	3.3E-15	6.4E-15	7.5E-16	7.5E-16	7.5E-16	7.5E-16	7.5E-16	6.1E-13	1.7E-14	1.7E-14	1.7E-14	1.7E-14	1.7E-14	1.7E-14	1.5E-14	1.5E-14	Kr87
Kr88	11.9E-13	4.2E-15	4.2E-15	4.2E-15	4.2E-15	1.4E-14	1.0E-14	1.9E-14	4.2E-15	4.2E-15	4.2E-15	4.2E-15	4.2E-15	3.5E-12	9.5E-14	9.5E-14	9.5E-14	9.5E-14	9.5E-14	9.5E-14	8.3E-14	8.3E-14	Kr88
Xe133	12.1E-12	4.6E-14	4.6E-14	4.6E-14	4.6E-14	1.5E-13	1.1E-13	2.0E-13	3.9E-13	4.6E-14	4.6E-14	4.6E-14	4.6E-14	3.8E-11	1.0E-12	1.0E-12	1.0E-12	1.0E-12	1.0E-12	1.0E-12	9.1E-13	9.1E-13	Xe133
Xe133m	1.2E-12	2.7E-14	2.7E-14	2.7E-14	2.7E-14	8.5E-14	6.5E-14	1.2E-13	2.3E-13	2.7E-14	2.7E-14	2.7E-14	2.7E-14	2.2E-11	6.0E-13	6.0E-13	6.0E-13	6.0E-13	6.0E-13	6.0E-13	5.2E-13	5.2E-13	Xe133m
Xe135	1.2E-12	2.7E-14	2.7E-14	2.7E-14	2.7E-14	8.7E-14	6.6E-14	1.2E-13	2.3E-13	2.7E-14	2.7E-14	2.7E-14	2.7E-14	2.2E-11	6.1E-13	6.1E-13	6.1E-13	6.1E-13	6.1E-13	6.1E-13	5.3E-13	5.3E-13	Xe135
I131	17.3E-19	1.6E-20	1.6E-20	1.6E-20	1.6E-20	5.2E-20	3.9E-20	7.1E-20	1.4E-19	1.6E-20	1.6E-20	1.6E-20	1.6E-20	1.3E-17	3.6E-19	3.6E-19	3.6E-19	3.6E-19	3.6E-19	3.6E-19	3.2E-19	3.2E-19	I131
I132	13.5E-18	7.9E-20	7.9E-20	7.9E-20	7.9E-20	2.5E-19	1.9E-19	3.4E-19	6.7E-19	7.9E-20	7.9E-20	7.9E-20	7.9E-20	6.4E-17	1.8E-18	1.8E-18	1.8E-18	1.8E-18	1.8E-18	1.8E-18	1.5E-18	1.5E-18	I132
I133	15.8E-18	1.3E-19	1.3E-19	1.3E-19	1.3E-19	4.2E-19	3.2E-19	5.7E-19	1.1E-18	1.3E-19	1.3E-19	1.3E-19	1.3E-19	1.0E-16	2.9E-18	2.9E-18	2.9E-18	2.9E-18	2.9E-18	2.9E-18	2.5E-18	2.5E-18	I133
I134	11.5E-18	3.4E-20	3.4E-20	3.4E-20	3.4E-20	1.1E-19	8.3E-20	1.5E-19	2.9E-19	3.4E-20	3.4E-20	3.4E-20	3.4E-20	2.7E-17	7.6E-19	7.6E-19	7.6E-19	7.6E-19	7.6E-19	7.6E-19	6.6E-19	6.6E-19	I134
I135	17.4E-18	1.6E-19	1.6E-19	1.6E-19	1.6E-19	5.2E-19	4.0E-19	7.2E-19	1.4E-18	1.6E-19	1.6E-19	1.6E-19	1.6E-19	1.3E-16	3.7E-18	3.7E-18	3.7E-18	3.7E-18	3.7E-18	3.7E-18	3.2E-18	3.2E-18	I135
F18	15.5E-17	1.2E-18	1.2E-18	1.2E-18	1.2E-18	3.9E-18	3.0E-18	5.4E-18	1.0E-17	1.2E-18	1.2E-18	1.2E-18	1.2E-18	9.9E-16	2.8E-17	2.8E-17	2.8E-17	2.8E-17	2.8E-17	2.8E-17	2.4E-17	2.4E-17	F18
Co58	13.7E-19	8.2E-21	8.2E-21	8.2E-21	8.2E-21	2.6E-20	2.0E-20	3.6E-20	7.0E-20	8.2E-21	8.2E-21	8.2E-21	8.2E-21	6.6E-18	1.8E-19	1.8E-19	1.8E-19	1.8E-19	1.8E-19	1.8E-19	1.6E-19	1.6E-19	Co58
Co60	11.0E-19	2.2E-21	2.2E-21	2.2E-21	2.2E-21	7.1E-21	5.4E-21	9.7E-21	1.9E-20	2.2E-21	2.2E-21	2.2E-21	2.2E-21	1.8E-18	5.0E-20	5.0E-20	5.0E-20	5.0E-20	5.0E-20	5.0E-20	4.3E-20	4.3E-20	Co60
Rb88	11.5E-13	3.5E-15	3.5E-15	3.5E-15	3.5E-15	1.1E-14	8.5E-15	1.5E-14	3.0E-14	3.5E-15	3.5E-15	3.5E-15	3.5E-15	2.4E-12	7.4E-14	7.4E-14	7.4E-14	7.4E-14	7.4E-14	7.4E-14	6.5E-14	6.5E-14	Rb88
Na24	16.2E-19	1.4E-20	1.4E-20	1.4E-20	1.4E-20	4.4E-20	3.4E-20	6.1E-20	1.2E-19	1.4E-20	1.4E-20	1.4E-20	1.4E-20	1.1E-17	3.1E-19	3.1E-19	3.1E-19	3.1E-19	3.1E-19	3.1E-19	2.7E-19	2.7E-19	Na24
Ar41	16.7E-13	1.5E-14	1.5E-14	1.5E-14	1.5E-14	4.8E-14	3.6E-14	6.5E-14	1.2E-13	1.5E-14	1.5E-14	1.5E-14	1.5E-14	1.2E-11	3.4E-13	3.4E-13	3.4E-13	3.4E-13	3.4E-13	3.4E-13	2.9E-13	2.9E-13	Ar41
Te129	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	14.7E-20	1.0E-21	1.0E-21	1.0E-21	1.0E-21	3.3E-21	2.5E-21	4.5E-21	8.9E-21	1.0E-21	1.0E-21	1.0E-21	1.0E-21	8.4E-19	2.3E-20	2.3E-20	2.3E-20	2.3E-20	2.3E-20	2.3E-20	2.0E-20	2.0E-20	Nb95
Tc99m	16.7E-20	1.5E-21	1.5E-21	1.5E-21	1.5E-21	4.8E-21	3.6E-21	6.5E-21	1.3E-20	1.5E-21	1.5E-21	1.5E-21	1.5E-21	1.2E-18	3.3E-20	3.3E-20	3.3E-20	3.3E-20	3.3E-20	3.3E-20	2.9E-20	2.9E-20	Tc99m
Cs134	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1_SI_A	U1_SI_B	U1_TDAFW	U1_CCP_A	U1_CCP_B	U1_CCP_C	HUT_A_RM	HUT_B_RM	BA_EVAP1	BA_EVAP2	SPARE669	U1Pen669	U2Pen669	Elev 706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdcon	RROADBay	WPkgArea	CDWE_Bdg	Gross
Gross	2.8E-12	2.8E-12	2.0E-11	2.8E-12	2.8E-12	2.8E-12	7.3E-12	7.3E-12	5.8E-13	5.8E-13	7.3E-12	1.1E-12	1.1E-12	2.2E-10	5.9E-15	5.9E-15	5.4E-11	5.4E-11	1.0E-10	1.4E-09	2.1E-10	4.4E-12	Kr85m
Kr85m	1.5E-14	5.4E-14	3.7E-13	5.4E-14	5.4E-14	5.4E-14	1.4E-13	1.4E-13	1.1E-14	1.1E-14	1.4E-13	2.0E-14	2.0E-14	4.2E-12	1.1E-16	1.1E-16	1.0E-12	1.0E-12	1.9E-12	1.6E-11	3.9E-12	8.3E-14	Kr87
Kr87	11.7E-14	1.7E-14	1.2E-13	1.7E-14	1.7E-14	1.7E-14	4.3E-14	4.3E-14	3.5E-15	3.5E-15	4.3E-14	6.3E-15	6.3E-15	1.3E-12	3.5E-17	3.5E-17	3.2E-13	3.2E-13	6.0E-13	8.1E-12	1.2E-12	2.6E-14	Kr88
Kr88	9.5E-14	9.5E-14	6.6E-13	9.5E-14	9.5E-14	9.5E-14	2.5E-13	2.5E-13	2.0E-14	2.0E-14	2.5E-13	3.5E-14	3.5E-14	7.4E-12	2.0E-16	2.0E-16	1.8E-12	1.8E-12	3.4E-12	4.6E-11	6.9E-12	1.5E-13	Kr88
Xe133	11.0E-12	1.0E-12	7.2E-12	1.0E-12	1.0E-12	1.0E-12	1.0E-12	2.7E-12	2.1E-13	2.1E-13	2.7E-12	3.9E-13	3.9E-13	8.7E-11	2.2E-15	2.2E-15	2.0E-11	2.0E-11	3.7E-11	5.0E-10	7.6E-11	1.6E-12	Xe133
Xe133m	6.0E-13	6.0E-13	4.1E-12	6.0E-13	6.0E-13	6.0E-13	1.5E-12	1.5E-12	1.2E-13	1.2E-13	1.5E-12	2.2E-13	2.2E-13	4.7E-11	1.2E-15	1.2E-15	1.1E-11	1.1E-11	2.1E-11	2.9E-10	4.3E-11	9.1E-13	Xe133m
Xe135	6.1E-13	6.1E-13	4.2E-12	6.1E-13	6.1E-13	6.1E-13	1.6E-12	1.6E-12	1.3E-13	1.3E-13	1.6E-12	2.3E-13	2.3E-13	4.8E-11	1.3E-15	1.3E-15	1.2E-11	1.2E-11	2.2E-11	3.0E-10	4.5E-11	9.3E-13	Xe135
I131	13.6E-19	3.6E-19	2.5E-18	3.6E-19	3.6E-19	3.6E-19	9.3E-19	9.3E-19	7.4E-20	7.4E-20	9.3E-19	1.4E-19	1.4E-19	2.8E-17	7.6E-22	7.6E-22	6.9E-18	6.9E-18	1.3E-17	1.7E-16	2.6E-17	5.6E-19	I131
I132	11.8E-18	1.8E-18	1.2E-17	1.8E-18	1.8E-18	1.8E-18	4.5E-18	4.5E-18	3.6E-19	3.6E-19	4.5E-18	6.6E-19	6.6E-19	1.4E-16	3.7E-21	3.7E-21	3.4E-17	3.4E-17	6.2E-17	8.4E-16	1.3E-16	2.7E-18	I132
I133	12.9E-18	2.9E-18	2.0E-17	2.9E-18	2.9E-18	2.9E-18	7.5E-18	7.5E-18	6.0E-19	6.0E-19	7.5E-18	1.1E-18	1.1E-18	2.3E-16	6.1E-21	6.1E-21	5.5E-17	5.5E-17	1.0E-16	1.4E-15	2.1E-16	4.5E-18	I133
I134	17.6E-19	7.6E-19	5.2E-18	7.6E-19	7.6E-19	7.6E-19	2.0E-18	2.0E-18	1.6E-19	1.6E-19	2.0E-18	2.8E-19	2.8E-19	5.9E-17	1.6E-21	1.6E-21	1.4E-17	1.4E-17	2.7E-17	3.6E-16	5.5E-17	1.2E-18	I134
I135	13.7E-18	3.7E-18	2.5E-17	3.7E-18	3.7E-18	3.7E-18	9.4E-18	9.4E-18	7.5E-19	7.5E-19	9.4E-18	1.4E-18	1.4E-18	2.9E-16	7.7E-21	7.7E-21	7.0E-17	7.0E-17	1.3E-16	1.7E-15	2.7E-16	5.6E-18	I135
F18	12.8E-17	2.8E-17	1.9E-16	2.8E-17	2.8E-17	2.8E-17	7.1E-17	7.1E-17	5.6E-18	5.6E-18	7.1E-17	1.0E-17	1.0E-17	2.1E-15	5.8E-20	5.8E-20	5.2E-16	5.2E-16	9.7E-16	1.3E-14	2.0E-15	4.2E-17	F18
Co58	11.8E-19	1.8E-19	1.3E-18	1.8E-19	1.8E-19	1.8E-19	4.7E-19	4.7E-19	3.7E-20	3.7E-20	4.7E-19	6.8E-20	6.8E-20	1.4E-17	3.8E-22	3.8E-22	3.5E-18	3.5E-18	6.4E-18	8.7E-17	1.3E-17	2.8E-19	Co58
Co60	15.0E-20	5.0E-20	3.4E-19	5.0E-20	5.0E-20	5.0E-20	1.3E-19	1.3E-19	1.0E-20	1.0E-20	1.3E-19	1.9E-20	1.9E-20	3.9E-18	1.0E-22	1.0E-22	9.5E-19	9.5E-19	1.8E-18	2.4E-17	3.6E-18	7.6E-20	Co60
Rb88	17.4E-14	7.4E-14	5.1E-																				

	Elev 653	U1 RHR A	U1 RHR B	U1 CS A	U1 CS B	TDCT_RM	FDCT_RM	EVAP_PMP	STRIP_RM	U2 RHR A	U2 RHR B	U2 CS A	U2 CS B	Elev 669	U2 SI A	U2 SI B	U2 TDAFW	U2 CCP A	U2 CCP B	U2 CCP C	WGDT_RM1	WGDT_RM2	Gross
Gross	5.9E-10	1.3E-11	1.3E-11	1.3E-11	1.3E-11	4.1E-11	3.1E-11	5.6E-11	1.1E-10	1.3E-11	1.3E-11	1.3E-11	1.3E-11	1.1E-08	3.0E-10	3.0E-10	3.0E-10	3.0E-10	3.0E-10	3.0E-10	2.6E-10	2.6E-10	Kr85m
Kr85m	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	5.2E-17	8.7E-19	8.7E-19	8.7E-19	8.7E-19	2.8E-18	2.1E-18	3.9E-18	7.7E-18	8.7E-19	8.7E-19	8.7E-19	8.7E-19	1.4E-15	2.6E-17	2.6E-17	2.6E-17	2.6E-17	2.6E-17	2.6E-17	2.2E-17	2.2E-17	Xe133
Xe133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	8.9E-16	1.5E-17	1.5E-17	1.5E-17	1.5E-17	4.8E-17	3.7E-17	6.6E-17	1.3E-16	1.5E-17	1.5E-17	1.5E-17	1.5E-17	2.3E-14	4.4E-16	4.4E-16	4.4E-16	4.4E-16	4.4E-16	4.4E-16	3.8E-16	3.8E-16	Xe135
I131	4.3E-15	8.3E-17	8.3E-17	8.3E-17	8.3E-17	2.6E-16	2.0E-16	3.6E-16	7.2E-16	8.3E-17	8.3E-17	8.3E-17	8.3E-17	9.7E-14	2.2E-15	2.2E-15	2.2E-15	2.2E-15	2.2E-15	2.2E-15	1.9E-15	1.9E-15	I131
I132	2.1E-14	4.0E-16	4.0E-16	4.0E-16	4.0E-16	1.3E-15	9.8E-16	1.8E-15	3.5E-15	4.0E-16	4.0E-16	4.0E-16	4.0E-16	4.0E-16	4.7E-13	1.0E-14	1.0E-14	1.0E-14	1.0E-14	1.0E-14	9.1E-15	9.1E-15	I132
I133	3.5E-14	6.6E-16	6.6E-16	6.6E-16	6.6E-16	2.1E-15	1.6E-15	2.9E-15	5.7E-15	6.6E-16	6.6E-16	6.6E-16	6.6E-16	6.6E-16	7.8E-13	1.7E-14	1.7E-14	1.7E-14	1.7E-14	1.7E-14	1.5E-14	1.5E-14	I133
I134	9.1E-15	1.7E-16	1.7E-16	1.7E-16	1.7E-16	5.5E-16	4.2E-16	7.6E-16	1.5E-15	1.7E-16	1.7E-16	1.7E-16	1.7E-16	2.0E-13	4.5E-15	4.5E-15	4.5E-15	4.5E-15	4.5E-15	4.5E-15	3.9E-15	3.9E-15	I134
I135	1.4E-14	8.4E-16	8.4E-16	8.4E-16	8.4E-16	2.7E-15	2.0E-15	3.7E-15	7.2E-15	8.4E-16	8.4E-16	8.4E-16	8.4E-16	2.2E-14	9.8E-13	2.2E-14	2.2E-14	2.2E-14	2.2E-14	2.2E-14	1.9E-14	1.9E-14	I135
F18	3.3E-13	6.3E-15	6.3E-15	6.3E-15	6.3E-15	2.0E-14	1.5E-14	2.8E-14	5.4E-14	6.3E-15	6.3E-15	6.3E-15	6.3E-15	7.4E-12	1.6E-13	1.6E-13	1.6E-13	1.6E-13	1.6E-13	1.6E-13	1.4E-13	1.4E-13	F18
Co58	12.2E-15	4.2E-17	4.2E-17	4.2E-17	4.2E-17	1.3E-16	1.0E-16	1.8E-16	3.6E-16	4.2E-17	4.2E-17	4.2E-17	4.2E-17	4.9E-14	1.1E-15	1.1E-15	1.1E-15	1.1E-15	1.1E-15	1.1E-15	9.4E-16	9.4E-16	Co58
Co60	16.0E-16	1.1E-17	1.1E-17	1.1E-17	1.1E-17	3.6E-17	2.8E-17	5.0E-17	9.8E-17	1.1E-17	1.1E-17	1.1E-17	1.1E-17	1.3E-14	3.0E-16	3.0E-16	3.0E-16	3.0E-16	3.0E-16	3.0E-16	2.6E-16	2.6E-16	Co60
Rb88	14.9E-10	1.1E-11	1.1E-11	1.1E-11	1.1E-11	3.4E-11	2.6E-11	4.6E-11	9.0E-11	1.1E-11	1.1E-11	1.1E-11	1.1E-11	8.7E-09	2.4E-10	2.4E-10	2.4E-10	2.4E-10	2.4E-10	2.4E-10	2.1E-10	2.1E-10	Rb88
Na24	3.7E-15	7.1E-17	7.1E-17	7.1E-17	7.1E-17	2.3E-16	1.7E-16	3.1E-16	6.1E-16	7.1E-17	7.1E-17	7.1E-17	7.1E-17	8.3E-14	1.8E-15	1.8E-15	1.8E-15	1.8E-15	1.8E-15	1.8E-15	1.6E-15	1.6E-15	Na24
Ar41	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	2.8E-16	5.3E-18	5.3E-18	5.3E-18	5.3E-18	1.7E-17	1.3E-17	2.3E-17	4.6E-17	5.3E-18	5.3E-18	5.3E-18	5.3E-18	6.2E-15	1.4E-16	1.4E-16	1.4E-16	1.4E-16	1.4E-16	1.4E-16	1.2E-16	1.2E-16	Nb95
Tc99m	4.0E-16	7.6E-18	7.6E-18	7.6E-18	7.6E-18	2.4E-17	1.9E-17	3.3E-17	6.6E-17	7.6E-18	7.6E-18	7.6E-18	7.6E-18	9.0E-15	2.0E-16	2.0E-16	2.0E-16	2.0E-16	2.0E-16	2.0E-16	1.7E-16	1.7E-16	Tc99m
Cs134	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1 SI A	U1 SI B	U1 TDAFW	U1 CCP A	U1 CCP B	U1 CCP C	HUT A_RM	HUT B_RM	BA_EVAP1	BA_EVAP2	SPARE669	U1Pen669	U2Pen669	Elev_706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdcon	RRoadBay	WPkgArea	CDWE_Bdg	Gross
Gross	3.0E-10	3.0E-10	2.0E-09	3.0E-10	3.0E-10	3.0E-10	7.6E-10	7.6E-10	6.0E-11	6.0E-11	7.6E-10	1.1E-10	1.1E-10	2.4E-08	5.4E-13	5.4E-13	5.5E-09	5.5E-09	1.1E-08	1.4E-07	2.2E-08	4.4E-10	Kr85m
Kr85m	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	2.6E-17	2.6E-17	1.8E-16	2.6E-17	2.6E-17	2.6E-17	6.7E-17	6.7E-17	5.2E-18	5.2E-18	6.7E-17	9.5E-18	9.5E-18	2.0E-15	3.2E-20	3.2E-20	3.7E-16	3.7E-16	9.5E-16	2.2E-14	1.9E-15	2.9E-17	Xe133
Xe133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	4.4E-16	4.4E-16	3.2E-15	4.4E-16	4.4E-16	4.4E-16	1.1E-15	1.1E-15	9.0E-17	9.0E-17	1.1E-15	1.6E-16	1.6E-16	3.5E-14	5.5E-19	5.5E-19	6.4E-15	6.4E-15	1.6E-14	3.2E-13	4.9E-16	4.9E-16	Xe135
I131	2.2E-15	2.2E-15	1.5E-14	2.2E-15	2.2E-15	2.2E-15	5.6E-15	5.6E-15	4.4E-16	4.4E-16	5.6E-15	8.0E-16	8.0E-16	1.7E-13	3.3E-18	3.3E-18	3.6E-14	3.6E-14	7.9E-14	1.5E-12	1.6E-13	2.8E-15	I131
I132	1.0E-14	1.0E-14	7.4E-14	1.0E-14	1.0E-14	1.0E-14	2.7E-14	2.7E-14	2.1E-15	2.1E-15	2.7E-14	3.9E-15	3.9E-15	8.3E-13	1.6E-17	1.6E-17	1.7E-13	1.7E-13	3.8E-13	7.1E-12	7.7E-13	1.4E-14	I132
I133	1.7E-14	1.7E-14	1.2E-13	1.7E-14	1.7E-14	1.7E-14	4.5E-14	4.5E-14	3.5E-15	3.5E-15	4.5E-14	6.4E-15	6.4E-15	1.4E-12	2.6E-17	2.6E-17	2.9E-13	2.9E-13	6.3E-13	1.2E-11	1.3E-12	2.2E-14	I133
I134	4.5E-15	4.5E-15	3.2E-14	4.5E-15	4.5E-15	4.5E-15	1.2E-14	1.2E-14	9.2E-16	9.2E-16	1.2E-14	1.7E-15	1.7E-15	3.6E-13	6.9E-18	6.9E-18	7.4E-14	7.4E-14	1.6E-13	3.0E-12	3.3E-13	5.8E-15	I134
I135	2.2E-14	2.2E-14	1.5E-13	2.2E-14	2.2E-14	2.2E-14	5.6E-14	5.6E-14	4.4E-15	4.4E-15	5.6E-14	8.1E-15	8.1E-15	1.7E-12	3.3E-17	3.3E-17	3.6E-13	3.6E-13	8.0E-13	1.5E-11	1.6E-12	2.8E-14	I135
F18	1.6E-13	1.6E-13	1.2E-12	1.6E-13	1.6E-13	1.6E-13	4.2E-13	4.2E-13	3.3E-14	3.3E-14	4.2E-13	6.1E-14	6.0E-14	1.3E-11	2.5E-16	2.5E-16	2.7E-12	2.7E-12	6.0E-12	1.1E-10	1.2E-11	2.1E-13	F18
Co58	1.1E-15	1.1E-15	7.6E-15	1.1E-15	1.1E-15	1.1E-15	2.8E-15	2.8E-15	2.2E-16	2.2E-16	2.8E-15	4.0E-16	4.0E-16	8.6E-14	1.7E-18	1.7E-18	1.8E-14	1.8E-14	4.0E-14	7.3E-13	8.0E-14	1.4E-15	Co58
Co60	3.0E-16	3.0E-16	2.1E-15	3.0E-16	3.0E-16	3.0E-16	7.7E-16	7.7E-16	6.0E-17	6.0E-17	7.7E-16	1.1E-16	1.1E-16	2.4E-14	4.5E-19	4.5E-19	4.9E-15	4.9E-15	1.1E-14	2.0E-13	2.2E-14	3.8E-16	Co60
Rb88	2.4E-10	2.4E-10	1.7E-09	2.4E-10	2.4E-10</																		

	U1 RCS	U1 UCmnt	U1 LCmnt	U1 Sump	U1 SG 1	U1 SG 2	U1 SG 3	U1 SG 4	SGBD Mix	SI 1A HL	SI 1B HL	SI 1 CL	CVCS Pmp	Letdown	VCT	RHR1A HL	RHR1B HL	RHR1A CL	RHR1B CL	U1 CS A	U1 CS B	U1 CCS	Gross
Gross	11.7E+04	3.7E-02	1.9E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.6E-04	1.0E-01	9.3E-02	4.0E-02	1.7E+04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	12.1E+02	1.7E-03	9.1E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.6E-06	9.9E-04	9.2E-04	3.9E-04	2.2E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	14.6E+02	3.7E-03	1.9E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.1E-06	1.7E-03	1.6E-03	6.7E-04	4.7E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	12.7E+03	2.1E-02	1.1E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.1E-05	2.0E-02	1.8E-02	7.8E-03	2.7E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133
Xel133m	18.4E+01	6.7E-04	3.6E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.1E-05	1.1E-02	1.1E-02	4.5E-03	8.5E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel135	18.1E+02	6.1E-03	3.3E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.3E-05	1.2E-02	1.1E-02	4.8E-03	8.3E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel135
I131	11.3E+03	3.0E-05	1.6E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E-06	4.6E-04	4.3E-04	1.8E-04	1.3E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	17.7E+02	1.9E-05	9.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.5E-06	2.1E-03	1.9E-03	8.3E-04	7.9E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	12.4E+03	5.7E-05	3.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-05	3.7E-03	3.4E-03	1.5E-03	2.4E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	13.0E+02	7.2E-06	3.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.9E-06	8.0E-04	7.4E-04	3.1E-04	3.1E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	11.9E+03	4.5E-05	2.4E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E-05	4.6E-03	4.2E-03	1.8E-03	1.9E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	1.1E-02	1.5E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-04	3.2E-02	3.0E-02	1.3E-02	1.2E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	13.1E-04	2.2E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E-06	4.7E-04	4.4E-04	1.9E-04	3.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	1.9E-04	6.2E-11	2.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.6E-07	1.3E-04	1.2E-04	5.1E-05	1.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	13.3E+02	1.8E-03	7.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.0E-06	1.7E-03	1.6E-03	6.6E-04	3.3E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	12.8E-04	3.6E-10	2.9E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8E-06	7.9E-04	7.3E-04	3.1E-04	2.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	12.1E-03	8.8E-07	7.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-05	5.8E-03	5.4E-03	2.3E-03	2.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	17.0E+01	1.7E-06	8.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.2E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	12.1E-05	2.7E-11	2.2E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-07	6.0E-05	5.6E-05	2.4E-05	2.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	13.1E-05	3.9E-11	3.1E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-07	8.6E-05	8.0E-05	3.4E-05	3.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	12.3E+02	5.6E-06	3.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	11.7E+02	4.0E-06	2.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	12.4E+03	5.8E-05	3.1E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.5E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	12.4E+03	5.8E-05	3.1E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.5E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	Outside	River	ERCW 1A	ERCW 1B	ERCW 2A	ERCW 2B	EGTS A	EGTS B	Annulus1	Annulus2	WGDTEff1	SHLDbld1	SHLDbld2	AB VENT	ABGT5 A	ABGT5 B	PURGE A	PURGE B	U2 CS A	U2 CS B	U2 CCS	Gross
Gross	16.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-01	0.0E+00	3.2E-01	0.0E+00	0.0E+00	6.0E-02	0.0E+00	0.0E+00	4.7E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr85m	12.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-02	0.0E+00	1.5E-02	0.0E+00	0.0E+00	2.9E-03	0.0E+00	0.0E+00	8.9E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr87	11.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.9E-03	0.0E+00	9.8E-03	0.0E+00	0.0E+00	1.9E-03	0.0E+00	0.0E+00	2.5E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Kr88	16.2E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.3E-02	0.0E+00	3.2E-02	0.0E+00	0.0E+00	6.2E-03	0.0E+00	0.0E+00	1.5E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133
Xel133	13.6E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.9E-01	0.0E+00	1.9E-01	0.0E+00	0.0E+00	3.6E-02	0.0E+00	0.0E+00	1.8E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel133m	1.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.0E-03	0.0E+00	5.9E-03	0.0E+00	0.0E+00	1.1E-03	0.0E+00	0.0E+00	1.0E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel135
Xel135	11.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.3E-02	0.0E+00	5.3E-02	0.0E+00	0.0E+00	1.0E-02	0.0E+00	0.0E+00	1.0E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I131	12.6E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-06	0.0E+00	2.7E-04	0.0E+00	0.0E+00	2.6E-07	0.0E+00	0.0E+00	3.1E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I132	11.6E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.3E-07	0.0E+00	1.6E-04	0.0E+00	0.0E+00	1.6E-07	0.0E+00	0.0E+00	1.4E-18	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I133	14.9E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.6E-06	0.0E+00	5.0E-04	0.0E+00	0.0E+00	4.9E-07	0.0E+00	0.0E+00	2.5E-18	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I134	16.1E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.2E-07	0.0E+00	6.3E-05	0.0E+00	0.0E+00	6.1E-08	0.0E+00	0.0E+00	5.3E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
I135	13.8E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-06	0.0E+00	4.0E-04	0.0E+00	0.0E+00	3.8E-07	0.0E+00	0.0E+00	3.0E-18	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
F18	13.1E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.2E-11	0.0E+00	7.1E-09	0.0E+00	0.0E+00	1.7E-11	0.0E+00	0.0E+00	2.1E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co58	12.4E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.3E-13	0.0E+00	1.3E-10	0.0E+00	0.0E+00	1.4E-13	0.0E+00	0.0E+00	7.7E-20	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Co60	17.6E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-13	0.0E+00	5.8E-11	0.0E+00	0.0E+00	4.7E-14	0.0E+00	0.0E+00	2.1E-20	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Rb88	13.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.6E-03	0.0E+00	1.7E-02	0.0E+00	0.0E+00	2.5E-03	0.0E+00	0.0E+00	4.5E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Na24	13.8E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.6E-13	0.0E+00	1.7E-10	0.0E+00	0.0E+00	2.0E-13	0.0E+00	0.0E+00	1.3E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Ar41	13.8E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.5E-07	0.0E+00	4.3E-07	0.0E+00	0.0E+00	2.0E-07	0.0E+00	0.0E+00	5.2E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Te129	17.1E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.7E-08	0.0E+00	1.5E-05	0.0E+00	0.0E+00	7.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Nb95	12.9E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.8E-14	0.0E+00	1.3E-11	0.0E+00	0.0E+00	1.5E-14	0.0E+00	0.0E+00	9.9E-21	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Tc99m	14.1E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.3E-14	0.0E+00	1.9E-11	0.0E+00	0.0E+00	2.2E-14	0.0E+00	0.0E+00	1.4E-20	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs134	12.4E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-07	0.0E+00	4.9E-05	0.0E+00	0.0E+00	2.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Cs137	11.7E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.8E-08	0.0E+00	3.5E-05	0.0E+00	0.0E+00	1.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
Ba140	12.5E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-06	0.0E+00	5.1E-04	0.0E+00	0.0E+00	2.5E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
La140	12.5E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-06	0.0E+00	5.1E-04	0.0E+00	0.0E+00	2.5E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

	Elev 653	U1_RHR A	U1_RHR B	U1_CS A	U1_CS B	TDCT_RM	FDCT_RM	EVAP_FMP	STRIP_RM	U2_RHR A	U2_RHR B	U2_CS A	U2_CS B	Elev 669	U2_SI A	U2_SI B	U2_TDAFW	U2_CCP A	U2_CCP B	U2_CCP C	WGDT_RM1	WGDT_RM2	Gross
Gross	14.7E-09	3.3E-11	3.3E-11	3.3E-11	3.3E-11	1.1E-10	8.3E-11	1.5E-10	3.1E-10	3.3E-11	3.3E-11	3.3E-11	3.3E-11	3.1E-07	2.3E-09	2.3E-09	2.3E-09	2.3E-09	2.3E-09	2.3E-09	2.0E-09	2.0E-09	Kr85m
Kr85m	12.2E-10	1.6E-12	1.6E-12	1.6E-12	1.6E-12	5.1E-12	3.9E-12	7.1E-12	1.5E-11	1.6E-12	1.6E-12	1.6E-12	1.6E-12	1.5E-08	1.1E-10	1.1E-10	1.1E-10	1.1E-10	1.1E-10	1.1E-10	9.5E-11	9.5E-11	Kr85m
Kr87	1.4E-10	1.0E-12	1.0E-12	1.0E-12	1.0E-12	3.3E-12	2.5E-12	4.6E-12	9.6E-12	1.0E-12	1.0E-12	1.0E-12	1.0E-12	9.6E-09	7.1E-11	7.1E-11	7.1E-11	7.1E-11	7.1E-11	7.1E-11	6.2E-11	6.2E-11	Kr87
Kr88	4.8E-10	3.4E-12	3.4E-12	3.4E-12	3.4E-12	1.1E-11	8.3E-12	1.5E-11	3.2E-11	3.4E-12	3.4E-12	3.4E-12	3.4E-12	3.2E-08	2.3E-10	2.3E-10	2.3E-10	2.3E-10	2.3E-10	2.3E-10	2.0E-10	2.0E-10	Kr88
Xe133	12.8E-09	2.0E-11	2.0E-11	2.0E-11	2.0E-11	6.4E-11	4.8E-11	8.9E-11	1.8E-10	2.0E-11	2.0E-11	2.0E-11	2.0E-11	1.0E-07	1.4E-09	1.4E-09	1.4E-09	1.4E-09	1.4E-09	1.4E-09	1.2E-09	1.2E-09	Xe133
Xe133m	9E-11	6.7E-13	6.7E-13	6.7E-13	6.7E-13	2.2E-12	1.7E-12	3.0E-12	6.2E-12	6.7E-13	6.7E-13	6.7E-13	6.7E-13	5.8E-09	4.4E-11	4.4E-11	4.4E-11	4.4E-11	4.4E-11	4.4E-11	3.8E-11	3.8E-11	Xe133m
Xe135	17.7E-10	5.4E-12	5.4E-12	5.4E-12	5.4E-12	1.8E-11	1.3E-11	2.5E-11	5.1E-11	5.4E-12	5.4E-12	5.4E-12	5.4E-12	5.1E-08	3.8E-10	3.8E-10	3.8E-10	3.8E-10	3.8E-10	3.8E-10	3.3E-10	3.3E-10	Xe135
I131	12.0E-14	1.4E-16	1.4E-16	1.4E-16	1.4E-16	4.6E-16	3.5E-16	6.4E-16	1.3E-15	1.4E-16	1.4E-16	1.4E-16	1.4E-16	1.3E-12	9.8E-15	9.8E-15	9.8E-15	9.8E-15	9.8E-15	9.8E-15	8.5E-15	8.5E-15	I131
I132	1.2E-14	8.6E-17	8.6E-17	8.6E-17	8.6E-17	2.8E-16	2.1E-16	3.9E-16	8.1E-16	8.6E-17	8.6E-17	8.6E-17	8.6E-17	8.1E-13	6.0E-15	6.0E-15	6.0E-15	6.0E-15	6.0E-15	6.0E-15	5.2E-15	5.2E-15	I132
I133	3.8E-14	2.7E-16	2.7E-16	2.7E-16	2.7E-16	8.7E-16	6.6E-16	1.2E-15	2.5E-15	2.7E-16	2.7E-16	2.7E-16	2.7E-16	2.5E-12	1.8E-14	1.8E-14	1.8E-14	1.8E-14	1.8E-14	1.8E-14	1.6E-14	1.6E-14	I133
I134	4.7E-15	3.3E-17	3.3E-17	3.3E-17	3.3E-17	1.1E-16	8.2E-17	1.5E-16	3.1E-16	3.3E-17	3.3E-17	3.3E-17	3.3E-17	3.1E-13	2.3E-15	2.3E-15	2.3E-15	2.3E-15	2.3E-15	2.3E-15	2.0E-15	2.0E-15	I134
I135	12.9E-14	2.1E-16	2.1E-16	2.1E-16	2.1E-16	6.8E-16	5.1E-16	9.4E-16	2.0E-15	2.1E-16	2.1E-16	2.1E-16	2.1E-16	2.0E-12	1.4E-14	1.4E-14	1.4E-14	1.4E-14	1.4E-14	1.4E-14	1.3E-14	1.3E-14	I135
F18	8.9E-17	2.4E-18	2.4E-18	2.4E-18	2.4E-18	7.5E-18	5.7E-18	1.0E-17	2.0E-17	2.4E-18	2.4E-18	2.4E-18	2.4E-18	1.3E-15	4.5E-17	4.5E-17	4.5E-17	4.5E-17	4.5E-17	4.5E-17	3.9E-17	3.9E-17	F18
Co58	6.5E-19	1.7E-20	1.7E-20	1.7E-20	1.7E-20	5.5E-20	4.2E-20	7.5E-20	1.4E-19	1.7E-20	1.7E-20	1.7E-20	1.7E-20	9.7E-18	3.3E-19	3.3E-19	3.3E-19	3.3E-19	3.3E-19	3.3E-19	2.8E-19	2.8E-19	Co58
Co60	1.8E-19	4.7E-21	4.7E-21	4.7E-21	4.7E-21	1.5E-20	1.1E-20	2.0E-20	3.9E-20	4.7E-21	4.7E-21	4.7E-21	4.7E-21	2.7E-18	8.9E-20	8.9E-20	8.9E-20	8.9E-20	8.9E-20	8.9E-20	7.8E-20	7.8E-20	Co60
Rb88	12.5E-10	1.8E-12	1.8E-12	1.8E-12	1.8E-12	6.0E-12	4.5E-12	8.3E-12	1.7E-11	1.8E-12	1.8E-12	1.8E-12	1.8E-12	1.7E-08	1.3E-10	1.3E-10	1.3E-10	1.3E-10	1.3E-10	1.3E-10	1.1E-10	1.1E-10	Rb88
Na24	1.1E-18	2.9E-20	2.9E-20	2.9E-20	2.9E-20	9.2E-20	7.0E-20	1.3E-19	2.4E-19	2.9E-20	2.9E-20	2.9E-20	2.9E-20	1.6E-17	5.5E-19	5.5E-19	5.5E-19	5.5E-19	5.5E-19	5.5E-19	4.8E-19	4.8E-19	Na24
Ar41	1.1E-12	2.9E-14	2.9E-14	2.9E-14	2.9E-14	9.1E-14	7.0E-14	1.2E-13	2.4E-13	2.9E-14	2.9E-14	2.9E-14	2.9E-14	1.6E-11	5.4E-13	5.4E-13	5.4E-13	5.4E-13	5.4E-13	5.4E-13	4.7E-13	4.7E-13	Ar41
Te129	5.5E-16	3.9E-18	3.9E-18	3.9E-18	3.9E-18	1.3E-17	9.6E-18	1.8E-17	3.6E-17	3.9E-18	3.9E-18	3.9E-18	3.9E-18	3.7E-14	2.7E-16	2.7E-16	2.7E-16	2.7E-16	2.7E-16	2.7E-16	2.3E-16	2.3E-16	Te129
Nb95	8.3E-20	2.2E-21	2.2E-21	2.2E-21	2.2E-21	7.0E-21	5.3E-21	9.5E-21	1.8E-20	2.2E-21	2.2E-21	2.2E-21	2.2E-21	1.2E-18	4.1E-20	4.1E-20	4.1E-20	4.1E-20	4.1E-20	4.1E-20	3.6E-20	3.6E-20	Nb95
Tc99m	11.2E-19	3.2E-21	3.2E-21	3.2E-21	3.2E-21	1.0E-20	7.7E-21	1.4E-20	2.6E-20	3.2E-21	3.2E-21	3.2E-21	3.2E-21	1.8E-18	5.9E-20	5.9E-20	5.9E-20	5.9E-20	5.9E-20	5.9E-20	5.2E-20	5.2E-20	Tc99m
Cs134	1.8E-15	1.3E-17	1.3E-17	1.3E-17	1.3E-17	4.2E-17	3.2E-17	5.9E-17	1.2E-16	1.3E-17	1.3E-17	1.3E-17	1.3E-17	1.2E-13	9.0E-16	9.0E-16	9.0E-16	9.0E-16	9.0E-16	9.0E-16	7.8E-16	7.8E-16	Cs134
Cs137	1.1E-15	9.1E-18	9.1E-18	9.1E-18	9.1E-18	3.0E-17	2.3E-17	4.1E-17	8.6E-17	9.1E-18	9.1E-18	9.1E-18	9.1E-18	8.6E-14	6.3E-16	6.3E-16	6.3E-16	6.3E-16	6.3E-16	6.3E-16	5.5E-16	5.5E-16	Cs137
Ba140	1.9E-14	1.3E-16	1.3E-16	1.3E-16	1.3E-16	4.4E-16	3.3E-16	6.1E-16	1.3E-15	1.3E-16	1.3E-16	1.3E-16	1.3E-16	1.3E-12	9.3E-15	9.3E-15	9.3E-15	9.3E-15	9.3E-15	9.3E-15	8.1E-15	8.1E-15	Ba140
La140	1.9E-14	1.3E-16	1.3E-16	1.3E-16	1.3E-16	4.4E-16	3.3E-16	6.1E-16	1.3E-15	1.3E-16	1.3E-16	1.3E-16	1.3E-16	1.3E-12	9.3E-15	9.3E-15	9.3E-15	9.3E-15	9.3E-15	9.3E-15	8.1E-15	8.1E-15	La140
Pr146	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1_SI A	U1_SI B	U1_TDAFW	U1_CCP A	U1_CCP B	U1_CCP C	HUT A_RM	HUT B_RM	BA_EVAP1	BA_EVAP2	SPARE669	U2Pen669	U2Pen669	Elev 706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdcon	RoadDay	WPKArea	CDWE_Bdg	Gross
Gross	12.3E-09	2.1E-10	1.8E-10	2.3E-09	2.3E-09	2.3E-09	6.1E-09	6.1E-09	4.7E-10	4.7E-10	6.1E-09	8.5E-10	8.5E-10	7.3E-07	3.9E-13	3.9E-13	5.5E-09	5.5E-09	5.5E-09	5.5E-09	6.8E-08	6.8E-08	Kr85m
Kr85m	1.1E-10	1.1E-10	8.3E-10	1.1E-10	1.1E-10	1.1E-10	2.9E-10	2.9E-10	2.2E-11	2.2E-11	2.9E-10	4.0E-11	4.0E-11	3.4E-09	1.8E-14	1.8E-14	2.6E-10	2.6E-10	4.4E-09	2.9E-07	3.2E-09	1.8E-11	Kr85m
Kr87	7.1E-11	7.1E-11	5.4E-10	7.1E-11	7.1E-11	7.1E-11	1.9E-10	1.9E-10	1.4E-11	1.4E-11	1.9E-10	2.6E-11	2.6E-11	2.2E-09	1.2E-14	1.2E-14	1.7E-10	1.7E-10	2.9E-09	1.9E-07	2.1E-09	1.1E-11	Kr87
Kr88	12.3E-10	2.3E-10	1.8E-09	2.3E-10	2.3E-10	2.3E-10	6.2E-10	6.2E-10	4.7E-11	4.7E-11	6.2E-10	8.6E-11	8.6E-11	7.4E-09	3.9E-14	3.9E-14	5.5E-10	5.5E-10	9.5E-09	6.3E-07	6.8E-09	3.8E-11	Kr88
Xe133	1.4E-09	1.4E-09	1.0E-08	1.4E-09	1.4E-09	1.4E-09	3.6E-09	3.6E-09	2.7E-10	2.7E-10	3.6E-09	5.0E-10	5.0E-10	4.3E-08	2.3E-13	2.3E-13	3.2E-09	3.2E-09	5.5E-08	3.7E-06	4.0E-08	2.2E-10	Xe133
Xe133m	4.4E-11	4.4E-11	3.3E-10	4.4E-11	4.4E-11	4.4E-11	1.2E-10	1.2E-10	8.9E-12	8.9E-12	1.2E-10	1.6E-11	1.6E-11	1.4E-09	9.3E-15	9.3E-15	1.2E-10	1.2E-10	1.8E-09	1.2E-07	1.3E-09	8.8E-12	Xe133m
Xe135	3.8E-10	3.8E-10	2.9E-09	3.8E-10	3.8E-10	3.8E-10	9.9E-10	9.9E-10	7.6E-11	7.6E-11	9.9E-10	1.4E-10	1.4E-10	1.2E-08	6.4E-14	6.4E-14	8.9E-10	8.9E-10	1.5E-08	1.0E-06	1.1E-08	6.2E-11	Xe135
I131	9.8E-15	9.8E-15	7.5E-14	9.8E-15	9.8E-15	9.8E-15	2.6E-14	2.6E-14	2.0E-15	2.0E-15	2.6E-14	3.6E-15	3.6E-15	3.1E-13	1.6E-18	1.6E-18	2.3E-14	2.3E-14	4.0E-13	2.6E-11	2.8E-13	1.6E-15	I131
I132	6.0E-15	6.0E-15	4.5E-14	6.0E-15	6.0E-15	6.0E-15	1.6E-14	1.6E-14	1.2E-15	1.2E-15	1.6E-14	2.2E-15	2.2E-15	1.9E-13	9.9E-19	9.9E-19	1.4E-14	1.4E-14	2.4E-13	1.6E-11	1.7E-13	9.7E-16	I132
I133	1.8E-14	1.8E-14	1.4E-13	1.8E-14	1.8E-14	1.8E-14	4.9E-14	4.9E-14	3.7E-15	3.7E-15	4.9E-14	6.8E-15	6.8E-15	5.8E-13	3.0E-18	3.0E-18	4.3E-14	4.3E-14	7.5E-13	5.0E-11	5.4E-13	3.0E-15	I133
I134	12.3E-15	2.3E-15	1.8E-14	2.3E-15	2.3E-15	2.3E-15	6.1E-15	6.1E-15	4.7E-16	4.7E-16	6.1E-15	8.5E-16	8.5E-16	7.3E-14	3.8E-19	3.8E-19	5.4E-15	5.4E-15	9.4E-14	6.2E-12	6.7E-14	3.8E-16	I134
I135	1.4E-14	1.4E-14	1.1E-13	1.4E-14	1.4E-14	1.4E-14	3.8E-14	3.8E-14	2.9E-15	2.9E-15	3.8E-14	5.3E-15	5.3E-15	4.6E-13	2.4E-18	2.4E-18	3.4E-14	3.4E-14	5.8E-13	3.9E-11	4.2E-13	2.3E-15	I135
F18	4.5E-17	4.5E-17	3.0E-16	4.5E-17	4.5E-17	4.5E-17	1.1E-16	1.1E-16	9.1E-18	9.1E-18	1.1E-16	1.7E-17	1.7E-17	3.2E-15	9.4E-20	9.4E-20	9.3E-16	9.3E-16	1.5E-15	1.5E-14	3.0E-15	7.9E-17	F18
Co58	13.3E-19	3.3E-19	2.2E-18	3.3E-19	3.3E-19	3.3E-19	8.3E-19	8.3E-19	6.7E-20	6.7E-20	8.3E-19	1.2E-19	1.2E-19	2.3E-17	6.8E-22	6.8E-22	6.8E-18	6.8E-18	1.1E-17	1.1E-16	2.2E-17	7.5E-19	Co58
Co60	8.9E-20	8.9E-20	6.0E-19	8.9E-20	8.9E-20	8.9E-20	2.3E-19	2.3E-19	1.8E-20	1.8E-20	2.3E-19	3.3E-20	3.3E-20	6.4E-18	1.9E-22	1.9E-22	1.9E-18	1.9E-18	3.0E-18	3.1E-17	5.9E-18	1.6E-19	Co60
Rb88	1.3E-10	1.3E-10	9.5E-10	1.3E-10	1.3E-																		

	[Elev 653	U1 RHR A	U1 RHR B	U1 CS A	U1 CS B	TDCT RM	FDCT RM	EVAP PMP	STRIP RM	U2 RHR A	U2 RHR B	U2 CS A	U2 CS B	Elev 669	U2 SI A	U2 SI B	U2 TDAFW	U2 CCP A	U2 CCP B	U2 CCP C	WGDT_RM1	WGDT_RM2	Gross
Gross	13.9E-07	2.7E-09	2.7E-09	2.7E-09	2.7E-09	9.0E-09	6.8E-09	1.2E-08	2.6E-08	2.7E-09	2.7E-09	2.7E-09	2.7E-09	2.6E-05	1.9E-07	1.9E-07	1.9E-07	1.9E-07	1.9E-07	1.9E-07	1.7E-07	1.7E-07	Kr85m
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133	3.7E-14	2.5E-16	2.5E-16	2.5E-16	2.5E-16	8.1E-16	6.1E-16	1.1E-15	2.3E-15	2.5E-16	2.5E-16	2.5E-16	2.5E-16	2.6E-12	1.8E-14	1.8E-14	1.8E-14	1.8E-14	1.8E-14	1.8E-14	1.6E-14	1.6E-14	Xe133m
Xe133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
Xe135	3.9E-13	2.7E-15	2.7E-15	2.7E-15	2.7E-15	8.7E-15	6.6E-15	1.2E-14	2.5E-14	2.7E-15	2.7E-15	2.7E-15	2.7E-15	2.8E-11	1.9E-13	1.9E-13	1.9E-13	1.9E-13	1.9E-13	1.9E-13	1.7E-13	1.7E-13	I131
I131	3.7E-11	2.5E-13	2.5E-13	2.5E-13	2.5E-13	8.3E-13	6.3E-13	1.2E-12	2.4E-12	2.5E-13	2.5E-13	2.5E-13	2.5E-13	2.6E-09	1.8E-11	1.8E-11	1.8E-11	1.8E-11	1.8E-11	1.8E-11	1.6E-11	1.6E-11	I132
I132	3.7E-11	1.5E-13	1.5E-13	1.5E-13	1.5E-13	5.1E-13	3.8E-13	7.0E-13	1.5E-12	1.5E-13	1.5E-13	1.5E-13	1.5E-13	1.6E-09	1.1E-11	1.1E-11	1.1E-11	1.1E-11	1.1E-11	1.1E-11	9.6E-12	9.6E-12	I133
I133	7.0E-11	4.8E-13	4.8E-13	4.8E-13	4.8E-13	1.6E-12	1.2E-12	2.2E-12	4.5E-12	4.8E-13	4.8E-13	4.8E-13	4.8E-13	4.9E-09	3.4E-11	3.4E-11	3.4E-11	3.4E-11	3.4E-11	3.4E-11	3.0E-11	3.0E-11	I134
I134	8.8E-12	6.0E-14	6.0E-14	6.0E-14	6.0E-14	2.0E-13	1.5E-13	2.7E-13	5.7E-13	6.0E-14	6.0E-14	6.0E-14	6.0E-14	6.1E-10	4.3E-12	4.3E-12	4.3E-12	4.3E-12	4.3E-12	4.3E-12	3.7E-12	3.7E-12	I135
I135	5.5E-11	3.7E-13	3.7E-13	3.7E-13	3.7E-13	1.2E-12	9.3E-13	1.7E-12	3.5E-12	3.7E-13	3.7E-13	3.7E-13	3.7E-13	3.8E-09	2.7E-11	2.7E-11	2.7E-11	2.7E-11	2.7E-11	2.7E-11	2.3E-11	2.3E-11	F18
F18	6.4E-13	1.4E-14	1.4E-14	1.4E-14	1.4E-14	4.6E-14	3.5E-14	6.2E-14	1.2E-13	1.4E-14	1.4E-14	1.4E-14	1.4E-14	1.2E-11	3.2E-13	3.2E-13	3.2E-13	3.2E-13	3.2E-13	3.2E-13	2.8E-13	2.8E-13	Co58
Co58	14.6E-15	1.0E-16	1.0E-16	1.0E-16	1.0E-16	3.3E-16	2.5E-16	4.5E-16	8.8E-16	1.0E-16	1.0E-16	1.0E-16	1.0E-16	8.8E-14	2.3E-15	2.3E-15	2.3E-15	2.3E-15	2.3E-15	2.3E-15	2.0E-15	2.0E-15	Co60
Co60	1.3E-15	2.8E-17	2.8E-17	2.8E-17	2.8E-17	9.1E-17	6.9E-17	1.2E-16	2.4E-16	2.8E-17	2.8E-17	2.8E-17	2.8E-17	2.4E-14	6.3E-16	6.3E-16	6.3E-16	6.3E-16	6.3E-16	6.3E-16	5.5E-16	5.5E-16	Rb88
Rb88	3.2E-07	2.3E-09	2.3E-09	2.3E-09	2.3E-09	7.4E-09	5.6E-09	1.0E-08	2.1E-08	2.3E-09	2.3E-09	2.3E-09	2.3E-09	2.1E-05	1.6E-07	1.6E-07	1.6E-07	1.6E-07	1.6E-07	1.6E-07	1.4E-07	1.4E-07	Na24
Na24	7.8E-15	1.8E-16	1.8E-16	1.8E-16	1.8E-16	5.6E-16	4.3E-16	7.6E-16	1.5E-15	1.8E-16	1.8E-16	1.8E-16	1.8E-16	1.5E-13	3.9E-15	3.9E-15	3.9E-15	3.9E-15	3.9E-15	3.9E-15	3.4E-15	3.4E-15	Ar41
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Te129	11.0E-12	7.0E-15	7.0E-15	7.0E-15	7.0E-15	2.3E-14	1.7E-14	3.2E-14	6.6E-14	7.0E-15	7.0E-15	7.0E-15	7.0E-15	7.1E-11	5.0E-13	5.0E-13	5.0E-13	5.0E-13	5.0E-13	5.0E-13	4.3E-13	4.3E-13	Nb95
Nb95	5.9E-16	1.3E-17	1.3E-17	1.3E-17	1.3E-17	4.2E-17	3.2E-17	5.8E-17	1.1E-16	1.3E-17	1.3E-17	1.3E-17	1.3E-17	1.1E-14	3.0E-16	3.0E-16	3.0E-16	3.0E-16	3.0E-16	3.0E-16	2.6E-16	2.6E-16	Tc99m
Tc99m	8.5E-16	1.9E-17	1.9E-17	1.9E-17	1.9E-17	6.1E-17	4.6E-17	8.3E-17	1.6E-16	1.9E-17	1.9E-17	1.9E-17	1.9E-17	1.6E-14	4.2E-16	4.2E-16	4.2E-16	4.2E-16	4.2E-16	4.2E-16	3.7E-16	3.7E-16	Cs134
Cs134	3.4E-12	2.3E-14	2.3E-14	2.3E-14	2.3E-14	7.6E-14	5.7E-14	1.1E-13	2.2E-13	2.3E-14	2.3E-14	2.3E-14	2.3E-14	2.4E-10	1.7E-12	1.7E-12	1.7E-12	1.7E-12	1.7E-12	1.7E-12	1.4E-12	1.4E-12	Cs137
Cs137	4.2E-12	1.6E-14	1.6E-14	1.6E-14	1.6E-14	5.4E-14	4.1E-14	7.5E-14	1.5E-13	1.6E-14	1.6E-14	1.6E-14	1.6E-14	1.7E-10	1.2E-12	1.2E-12	1.2E-12	1.2E-12	1.2E-12	1.2E-12	1.0E-12	1.0E-12	Ba140
Ba140	3.5E-11	2.4E-13	2.4E-13	2.4E-13	2.4E-13	7.9E-13	6.0E-13	1.1E-12	2.3E-12	2.4E-13	2.4E-13	2.4E-13	2.4E-13	2.4E-13	2.4E-13	2.4E-13	2.4E-13	2.4E-13	2.4E-13	2.4E-13	1.5E-11	1.5E-11	La140
La140	3.5E-11	2.4E-13	2.4E-13	2.4E-13	2.4E-13	7.9E-13	6.0E-13	1.1E-12	2.3E-12	2.4E-13	2.4E-13	2.4E-13	2.4E-13	2.5E-09	1.7E-11	1.7E-11	1.7E-11	1.7E-11	1.7E-11	1.7E-11	1.5E-11	1.5E-11	Pr146
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

	U1 SI A	U1 SI B	U1 TDAFW	U1 CCP A	U1 CCP B	U1Pen669	HUT A RM	HUT B RM	BA EVAP1	BA EVAP2	SPARE669	U1Pen669	U2Pen669	Elev 706	U1 UHI	U2 UHI	U1 PASF	U2 PASF	CASKdcon	RoadBay	WPkgArea	CDWE_Bdg	Gross
Gross	1.9E-07	1.9E-07	1.5E-06	1.9E-07	1.9E-07	1.9E-07	5.0E-07	5.0E-07	3.8E-08	3.8E-08	5.0E-07	7.0E-08	7.0E-08	5.9E-06	2.4E-12	2.4E-12	4.4E-07	4.4E-07	7.7E-06	5.2E-04	5.4E-06	3.1E-08	Kr85m
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133	1.8E-14	1.8E-14	1.4E-13	1.8E-14	1.8E-14	1.8E-14	4.8E-14	4.8E-14	3.6E-15	3.6E-15	4.8E-14	6.7E-15	6.7E-15	4.2E-13	1.7E-19	3.2E-14	3.2E-14	7.5E-13	3.9E-11	3.9E-11	2.2E-15	2.2E-15	Xe133m
Xe133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
Xe135	1.9E-13	1.9E-13	1.5E-12	1.9E-13	1.9E-13	1.9E-13	5.1E-13	5.1E-13	3.9E-14	3.9E-14	5.1E-13	7.1E-14	7.1E-14	4.5E-12	2.4E-18	2.4E-18	3.4E-13	8.0E-12	5.6E-10	5.6E-10	4.2E-12	4.2E-12	I131
I131	1.8E-11	1.8E-11	1.4E-10	1.8E-11	1.8E-11	1.8E-11	4.8E-11	4.8E-11	3.7E-12	3.7E-12	4.8E-11	6.7E-12	6.7E-12	4.8E-10	1.0E-16	1.0E-16	3.6E-11	7.5E-10	5.1E-08	4.5E-10	2.5E-12	2.5E-12	I132
I132	1.1E-11	1.1E-11	8.5E-11	1.1E-11	1.1E-11	1.1E-11	2.9E-11	2.9E-11	2.2E-12	2.2E-12	2.9E-11	4.1E-12	4.1E-12	3.0E-10	9.3E-17	9.3E-17	2.2E-11	4.6E-10	3.1E-08	2.7E-10	1.5E-12	1.5E-12	I133
I133	3.4E-11	3.4E-11	2.6E-10	3.4E-11	3.4E-11	3.4E-11	9.0E-11	9.0E-11	6.9E-12	6.9E-12	9.0E-11	1.3E-11	1.3E-11	9.1E-10	2.4E-16	2.4E-16	6.8E-11	6.8E-11	1.4E-09	9.7E-08	4.7E-12	4.7E-12	I134
I134	4.3E-12	4.3E-12	3.3E-11	4.3E-12	4.3E-12	4.3E-12	1.1E-11	1.1E-11	8.7E-13	8.7E-13	1.1E-11	1.6E-12	1.6E-12	1.1E-10	3.6E-17	3.6E-17	8.6E-12	8.6E-12	1.8E-10	1.2E-08	5.9E-13	5.9E-13	I135
I135	2.7E-11	2.7E-11	2.0E-10	2.7E-11	2.7E-11	2.7E-11	7.1E-11	7.1E-11	5.4E-12	5.4E-12	7.1E-11	9.9E-12	9.9E-12	5.2E-16	5.2E-16	5.2E-16	5.9E-12	5.9E-12	1.1E-11	1.6E-10	2.2E-11	4.8E-13	F18
F18	3.2E-13	3.2E-13	2.2E-12	3.2E-13	3.2E-13	3.2E-13	8.2E-13	8.2E-13	6.5E-14	6.5E-14	8.2E-13	1.2E-13	1.2E-13	2.4E-11	5.2E-16	5.2E-16	5.9E-12	5.9E-12	1.1E-11	1.6E-10	2.2E-11	4.8E-13	Co58
Co58	2.3E-15	2.3E-15	1.6E-14	2.3E-15	2.3E-15	2.3E-15	6.0E-15	6.0E-15	4.7E-16	4.7E-16	6.0E-15	8.6E-16	8.6E-16	1.8E-13	3.8E-18	3.8E-18	4.3E-14	8.1E-14	1.2E-12	1.6E-13	3.5E-15	3.5E-15	Co60
Co60	6.3E-16	6.3E-16	4.4E-15	6.3E-16	6.3E-16	6.3E-16	1.6E-15	1.6E-15	1.3E-16	1.3E-16	1.6E-15	2.4E-16	2.4E-16	4.8E-14	1.0E-18	1.0E-18	1.2E-14	2.2E-14	3.3E-13	4.5E-14	9.5E-16	9.5E-16	Rb88
Rb88	1.6E-07	1.6E-07	1.2E-06	1.6E-07	1.6E-07	1.6E-07	4.1E-07	4.1E-07	3.2E-08	3.2E-08	4.1E-07	5.8E-08	5.8E-08	4.8E-06	2.0E-12	2.0E-12	3.7E-07	3.7E-07	6.4E-06	4.2E-04	4.5E-06	2.5E-08	Na24
Na24	3.9E-15	3.9E-15	2.7E-14	3.9E-15	3.9E-15	3.9E-15	1.0E-14	1.0E-14	8.0E-16	8.0E-16	1.0E-14	1.4E-15	1.4E-15	3.0E-13	6.4E-18	6.4E-18	7.2E-14	7.2E-14	1.4E-13	2.0E-12	2.8E-13	5.9E-15	Ar41
Ar41	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Te129	5.0E-13	5.0E-13	3.8E-12	5.0E-13	5.0E-13	5.0E-13	1.3E-12	1.3E-12	1.0E-13	1.0E-13	1.3E-12	1.8E-13	1.8E-13	1.3E-11	2.7E-18	2.7E-18	9.8E-13	9.8E-13	2.1E-11	1.4E-09	1.2E-11	6.8E-14	Nb95
Nb95	3.0E-16	3.0E-16	2.0E-15	3.0E-16	3.0E-16	3.0E-16	7.6E-16	7.6E-16	6.0E-17	6.0E-17	7.6E-16	1.1E-16	1.1E-16	2.3E-14	4.8E-19	4.8E-19	5.5E-15	5.5E-15	1.0E-14	1.5E-13	2.1E-14	4.5E-16	Cs134
Cs134	1.7E-12	1.7E-12	1.3E-11	1.7E-12	1.7E-12	1.7E-12	4.4E-12	4.4E-12	3.4E-13	3.4E-13	4.4E-12	6.1E-13	6.1E-13	4.4E-11	8.9E-18	8.9E-18	3.3E-12	3.3E-12	6.9E-11	4.7E-09	4.1E-11	2.3E-13	Cs137
Cs137	1.2E-12	1.2E-12	9.0E-12	1.2E-12	1.2E-12	1.2E-12	3.1E-12	3.1E-12	2.4E-13	2.4E-13	3.1E-12	4.3E-13	4.3E-13	3.1E-11	6.3E-18	6.3E-18	2.3E-12	2.3E-12	4.8E-11	3.3E-09	2.9E-11	1.6E-13	Ba140
Ba140	1.7E-11	1.7E-11	1.3E-10	1.7E-11	1.7E-11	1.7E-11	4.6E-11	4.6E-11	3.5E-12	3.5E-12	4.6E-11	6.4E-12	6.4E-12	4.6E-10	9.3E-17	9.3E-17	3.4E-11	3.4E-11	7.1E-10	4.9E-08	4.2E-10	2.3E-12	La140
La140	1.7E-11	1.7E-11	1.3E-10	1.7E-11	1.7E-11	1.7E-11	4.6E-11	4.6E-11	3.5E-12	3.5E-12	4.6E-11	6.4E-12	6.4E-12	4.6E-10	9.3E-17	9.3E-17	3.4E-11	3.4E-11	7.1E-10	4.9E-08	4.2E-10	2.3E-12	Pr146
Pr146	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	Elev 653	U1_RHR A	U1_RHR B	U1_CS A	U1_CS B	TDCT_RM	FDCT_RM	EVAP_PMP	STRIP_RM	U2_RHR A	U2_RHR B	U2_CS A	U2_CS B	Elev 669	U2_SI A	U2_SI B	U2_TDAFW	U2_CCP A	U2_CCP B	U2_CCP C	WGDT_RM1	WGDT_RM2	Gross
Gross	15.3E-08	5.7E-10	5.7E-10	5.7E-10	5.7E-10	1.8E-09	1.4E-09	2.5E-09	5.2E-09	5.7E-10	5.7E-10	5.7E-10	5.7E-10	2.1E-06	2.6E-08	2.6E-08	2.6E-08	2.6E-08	2.6E-08	2.6E-08	2.3E-08	2.3E-08	Kr85m
Kr87	12.4E-09	2.6E-11	2.6E-11	2.6E-11	2.6E-11	8.4E-11	6.4E-11	1.2E-10	2.4E-10	2.6E-11	2.6E-11	2.6E-11	2.6E-11	9.9E-08	1.2E-09	1.2E-09	1.2E-09	1.2E-09	1.2E-09	1.2E-09	1.0E-09	1.0E-09	Kr87
Kr88	15.1E-09	5.4E-11	5.4E-11	5.4E-11	5.4E-11	1.8E-10	1.3E-10	2.4E-10	5.0E-10	5.4E-11	5.4E-11	5.4E-11	5.4E-11	2.1E-07	2.5E-09	2.5E-09	2.5E-09	2.5E-09	2.5E-09	2.5E-09	2.2E-09	2.2E-09	Kr88
Xe133	13.1E-08	3.3E-10	3.3E-10	3.3E-10	3.3E-10	1.1E-09	8.2E-10	1.5E-09	3.1E-09	3.3E-10	3.3E-10	3.3E-10	3.3E-10	1.3E-06	1.5E-08	1.5E-08	1.5E-08	1.5E-08	1.5E-08	1.5E-08	1.3E-08	1.3E-08	Xe133
Xe133m	9.9E-10	1.1E-11	1.1E-11	1.1E-11	1.1E-11	3.5E-11	2.6E-11	4.8E-11	9.7E-11	1.1E-11	1.1E-11	1.1E-11	1.1E-11	4.0E-08	4.9E-10	4.9E-10	4.9E-10	4.9E-10	4.9E-10	4.9E-10	4.2E-10	4.2E-10	Xe133m
Xe135	18.6E-09	9.1E-11	9.1E-11	9.1E-11	9.1E-11	3.0E-10	2.3E-10	4.1E-10	8.4E-10	9.1E-11	9.1E-11	9.1E-11	9.1E-11	3.5E-07	4.2E-09	4.2E-09	4.2E-09	4.2E-09	4.2E-09	4.2E-09	3.7E-09	3.7E-09	Xe135
I131	12.2E-13	2.4E-15	2.4E-15	2.4E-15	2.4E-15	7.8E-15	5.9E-15	1.1E-14	2.2E-14	2.4E-15	2.4E-15	2.4E-15	2.4E-15	9.1E-12	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	9.6E-14	9.6E-14	I131
I132	11.3E-13	1.4E-15	1.4E-15	1.4E-15	1.4E-15	4.4E-15	3.3E-15	1.6E-15	1.2E-14	1.4E-15	1.4E-15	1.4E-15	1.4E-15	2.5E-12	6.2E-14	6.2E-14	6.2E-14	6.2E-14	6.2E-14	6.2E-14	5.4E-14	5.4E-14	I132
I133	14.2E-13	4.5E-15	4.5E-15	4.5E-15	4.5E-15	1.5E-14	1.1E-14	2.0E-14	4.1E-14	4.5E-15	4.5E-15	4.5E-15	4.5E-15	1.7E-11	2.1E-13	2.1E-13	2.1E-13	2.1E-13	2.1E-13	2.1E-13	1.8E-13	1.8E-13	I133
I134	14.3E-14	4.7E-16	4.7E-16	4.7E-16	4.7E-16	1.5E-15	1.1E-15	2.1E-15	4.3E-15	4.7E-16	4.7E-16	4.7E-16	4.7E-16	1.8E-12	2.1E-14	2.1E-14	2.1E-14	2.1E-14	2.1E-14	2.1E-14	1.9E-14	1.9E-14	I134
I135	13.2E-13	3.5E-15	3.5E-15	3.5E-15	3.5E-15	1.1E-14	8.5E-15	1.6E-14	3.2E-14	3.5E-15	3.5E-15	3.5E-15	3.5E-15	1.3E-11	1.6E-13	1.6E-13	1.6E-13	1.6E-13	1.6E-13	1.6E-13	1.4E-13	1.4E-13	I135
F18	11.3E-16	4.0E-18	4.0E-18	4.0E-18	4.0E-18	1.3E-17	9.7E-18	1.7E-17	3.3E-17	4.0E-18	4.0E-18	4.0E-18	4.0E-18	1.7E-15	6.6E-17	6.6E-17	6.6E-17	6.6E-17	6.6E-17	6.6E-17	5.7E-17	5.7E-17	F18
Co58	11.1E-18	3.3E-20	3.3E-20	3.3E-20	3.3E-20	1.0E-19	7.8E-20	1.4E-19	2.6E-19	3.3E-20	3.3E-20	3.3E-20	3.3E-20	1.4E-17	5.3E-19	5.3E-19	5.3E-19	5.3E-19	5.3E-19	5.3E-19	4.6E-19	4.6E-19	Co58
Co60	13.0E-19	9.0E-21	9.0E-21	9.0E-21	9.0E-21	2.8E-20	2.2E-20	3.8E-20	7.3E-20	9.0E-21	9.0E-21	9.0E-21	9.0E-21	4.2E-18	1.5E-19	1.5E-19	1.5E-19	1.5E-19	1.5E-19	1.5E-19	1.3E-19	1.3E-19	Co60
Rb88	13.2E-09	3.5E-11	3.5E-11	3.5E-11	3.5E-11	1.1E-10	8.6E-11	1.6E-10	3.2E-10	3.5E-11	3.5E-11	3.5E-11	3.5E-11	1.2E-07	1.6E-09	1.6E-09	1.6E-09	1.6E-09	1.6E-09	1.6E-09	1.4E-09	1.4E-09	Rb88
Na24	11.7E-18	5.4E-20	5.4E-20	5.4E-20	5.4E-20	1.7E-19	1.3E-19	2.3E-19	4.3E-19	5.4E-20	5.4E-20	5.4E-20	5.4E-20	2.2E-17	8.7E-19	8.7E-19	8.7E-19	8.7E-19	8.7E-19	8.7E-19	7.6E-19	7.6E-19	Na24
Ar41	11.6E-12	4.9E-14	4.9E-14	4.9E-14	4.9E-14	1.5E-13	1.2E-13	2.1E-13	4.0E-13	4.9E-14	4.9E-14	4.9E-14	4.9E-14	2.0E-11	8.0E-13	8.0E-13	8.0E-13	8.0E-13	8.0E-13	8.0E-13	7.0E-13	7.0E-13	Ar41
Te129	15.3E-15	5.7E-17	5.7E-17	5.7E-17	5.7E-17	1.9E-16	1.4E-16	2.6E-16	5.2E-16	5.7E-17	5.7E-17	5.7E-17	5.7E-17	2.2E-13	2.6E-15	2.6E-15	2.6E-15	2.6E-15	2.6E-15	2.6E-15	2.3E-15	2.3E-15	Te129
Nb95	11.3E-19	4.1E-21	4.1E-21	4.1E-21	4.1E-21	1.3E-20	9.9E-21	1.8E-20	3.7E-20	4.1E-21	4.1E-21	4.1E-21	4.1E-21	1.7E-18	6.7E-20	6.7E-20	6.7E-20	6.7E-20	6.7E-20	6.7E-20	5.8E-20	5.8E-20	Nb95
Tc99m	11.9E-19	5.9E-21	5.9E-21	5.9E-21	5.9E-21	1.9E-20	1.4E-20	2.5E-20	4.8E-20	5.9E-21	5.9E-21	5.9E-21	5.9E-21	2.4E-18	9.6E-20	9.6E-20	9.6E-20	9.6E-20	9.6E-20	9.6E-20	8.3E-20	8.3E-20	Tc99m
Cs134	12.1E-14	2.2E-16	2.2E-16	2.2E-16	2.2E-16	7.2E-16	5.4E-16	9.9E-16	2.0E-15	2.2E-16	2.2E-16	2.2E-16	2.2E-16	4.8E-13	1.0E-14	1.0E-14	1.0E-14	1.0E-14	1.0E-14	1.0E-14	8.8E-15	8.8E-15	Cs134
Cs137	11.5E-14	1.6E-16	1.6E-16	1.6E-16	1.6E-16	5.1E-16	3.8E-16	7.0E-16	1.4E-15	1.6E-16	1.6E-16	1.6E-16	1.6E-16	5.9E-13	7.2E-15	7.2E-15	7.2E-15	7.2E-15	7.2E-15	7.2E-15	6.2E-15	6.2E-15	Cs137
Ba140	12.1E-13	2.3E-15	2.3E-15	2.3E-15	2.3E-15	7.4E-15	5.6E-15	1.0E-14	2.1E-14	2.3E-15	2.3E-15	2.3E-15	2.3E-15	7.8E-12	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	9.1E-14	9.1E-14	Ba140
La140	12.1E-13	2.3E-15	2.3E-15	2.3E-15	2.3E-15	7.5E-15	5.6E-15	1.0E-14	2.1E-14	2.3E-15	2.3E-15	2.3E-15	2.3E-15	8.7E-12	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	9.2E-14	9.2E-14	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1_SI_A	U1_SI_B	U1_TDAFW	U1_CCP A	U1_CCP B	U1_CCP C	HUT A_RM	HUT B_RM	BA_EVAP1	BA_EVAP2	SPARE669	U1Pen669	U2Pen669	Elev 706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdccon	RRoadBay	WPKgArea	CWVE_Bdg	Gross
Gross	2.6E-08	2.6E-08	1.9E-07	2.6E-08	2.6E-08	2.6E-08	6.8E-08	6.8E-08	5.3E-09	5.3E-09	6.8E-08	9.6E-09	9.6E-09	1.8E-06	1.5E-11	1.5E-11	2.0E-07	2.0E-07	9.8E-07	3.9E-05	1.6E-06	1.5E-08	Kr85m
Kr85m	11.2E-09	1.2E-09	8.9E-09	1.2E-09	1.2E-09	1.2E-09	3.1E-09	3.1E-09	2.4E-10	2.4E-10	3.1E-09	4.4E-10	4.4E-10	8.1E-08	6.8E-13	6.8E-13	9.3E-09	9.3E-09	4.5E-08	1.8E-06	7.5E-08	6.7E-10	Kr87
Kr87	7.7E-08	7.0E-10	5.2E-09	7.0E-10	7.0E-10	7.0E-10	1.8E-09	1.8E-09	1.4E-10	1.4E-10	1.8E-09	2.6E-10	2.6E-10	4.8E-08	4.0E-13	4.0E-13	5.5E-09	5.5E-09	2.6E-08	1.1E-06	4.4E-08	3.9E-10	Kr88
Kr88	12.5E-09	2.5E-09	1.9E-08	2.5E-09	2.5E-09	2.5E-09	6.5E-09	6.5E-09	5.1E-10	5.1E-10	6.5E-09	9.2E-10	9.2E-10	1.7E-07	1.4E-12	1.4E-12	2.0E-08	2.0E-08	9.4E-08	3.8E-06	1.6E-07	1.4E-09	Xe133
Xe133	11.5E-08	1.5E-08	1.1E-07	1.5E-08	1.5E-08	1.5E-08	4.0E-08	4.0E-08	3.1E-09	3.1E-09	4.0E-08	5.7E-09	5.7E-09	1.0E-06	8.8E-12	8.8E-12	1.2E-07	1.2E-07	5.8E-07	2.3E-05	9.6E-07	8.6E-09	Xe133m
Xe133m	4.9E-10	4.9E-10	3.6E-09	4.9E-10	4.9E-10	4.9E-10	1.3E-09	1.3E-09	9.8E-11	9.8E-11	1.3E-09	1.8E-10	1.8E-10	3.3E-08	2.8E-13	2.8E-13	3.8E-09	3.8E-09	1.8E-08	7.3E-07	3.0E-08	2.8E-10	Xe135
Xe135	14.2E-09	4.2E-09	3.1E-08	4.2E-09	4.2E-09	4.2E-09	1.1E-08	1.1E-08	8.5E-10	8.5E-10	1.1E-08	1.6E-09	1.6E-09	2.8E-07	2.4E-12	2.4E-12	3.3E-08	3.3E-08	1.6E-07	6.4E-06	2.6E-07	2.4E-09	I131
I131	11.1E-13	1.1E-13	8.2E-13	1.1E-13	1.1E-13	1.1E-13	2.9E-13	2.9E-13	2.2E-14	2.2E-14	2.9E-13	4.1E-14	4.1E-14	7.5E-12	6.3E-17	6.3E-17	8.6E-13	8.6E-13	4.1E-12	1.7E-10	6.9E-12	6.2E-14	I132
I132	16.2E-14	6.2E-14	4.6E-13	6.2E-14	6.2E-14	6.2E-14	1.6E-13	1.6E-13	1.3E-14	1.3E-14	1.6E-13	2.3E-14	2.3E-14	4.2E-12	3.6E-17	3.6E-17	4.9E-13	4.9E-13	2.3E-12	9.4E-11	3.9E-12	3.5E-14	I133
I133	12.1E-13	2.1E-13	1.5E-12	2.1E-13	2.1E-13	2.1E-13	5.4E-13	5.4E-13	4.2E-14	4.2E-14	5.4E-13	7.6E-14	7.6E-14	1.4E-11	1.2E-16	1.2E-16	1.6E-12	1.6E-12	7.8E-12	3.1E-10	1.3E-11	1.2E-13	I134
I134	12.1E-14	2.1E-14	1.6E-13	2.1E-14	2.1E-14	2.1E-14	5.6E-14	5.6E-14	4.3E-15	4.3E-15	5.6E-14	7.9E-15	7.9E-15	1.5E-12	1.2E-17	1.2E-17	1.7E-13	1.7E-13	8.1E-13	3.2E-11	1.3E-12	1.2E-14	I135
I135	11.6E-13	1.6E-13	1.2E-12	1.6E-13	1.6E-13	1.6E-13	4.2E-13	4.2E-13	3.2E-14	3.2E-14	4.2E-13	5.9E-14	5.9E-14	1.1E-11	9.1E-17	9.1E-17	1.2E-12	1.2E-12	6.0E-12	2.4E-10	1.0E-11	8.9E-14	F18
F18	16.6E-17	6.6E-17	4.3E-16	6.6E-17	6.6E-17	6.6E-17	1.7E-16	1.7E-16	1.3E-17	1.3E-17	1.7E-16	2.4E-17	2.4E-17	4.2E-15	1.4E-19	1.4E-19	1.4E-15	1.4E-15	2.0E-15	1.7E-14	3.9E-15	1.3E-16	Co58
Co58	15.3E-19	5.3E-19	3.5E-18	5.3E-19	5.3E-19	5.3E-19	1.3E-18	1.3E-18	1.1E-19	1.1E-19	1.3E-18	2.0E-19	2.0E-19	3.4E-17	1.1E-21	1.1E-21	1.2E-17	1.2E-17	1.6E-17	1.4E-16	3.2E-17	1.0E-18	Co60
Co60	11.5E-19	1.5E-19	9.8E-19	1.5E-19	1.5E-19	1.5E-19	3.8E-19	3.8E-19	3.1E-20	3.1E-20	3.8E-19	5.6E-20	5.6E-20	9.7E-18	3.1E-22	3.1E-22	3.2E-18	3.2E-18	4.6E-18	1.4E-17	9.0E-18	2.8E-19	Rb88
Rb88	11.6E-09	1.6E-09	1.2E-08	1.6E-09	1.6E-09	1.6E-09	4.1E-09	4.1E-09	3.2E-10	3.2E-10	4.1E-09	5.7E-10	5.7E-10	1.1E-07	9.6E-13	9.6E-13	1.3E-08	1.3E-08	5.8E-08	2.2E-06	1.0E-07	9.4E-10	Na24
Na24	8.7E-19	8.7E-19	5.7																				

	IElev 653	U1 RHR A	U1 RHR B	U1 CS A	U1 CS B	TDCT RM	FDCT RM	EVAP PMP	STRIP RM	U2 RHR A	U2 RHR B	U2 CS A	U2 CS B	Elev 669	U2 SI A	U2 SI B	U2 TDAFW	U2 CCP A	U2 CCP B	U2 CCP C	WGDT RM1	WGDT RM2	Gross
Gross	17.0E-06	7.3E-08	7.3E-08	7.3E-08	7.3E-08	2.4E-07	1.8E-07	3.3E-07	6.7E-07	7.3E-08	7.3E-08	7.3E-08	7.3E-08	2.9E-04	3.4E-06	3.4E-06	3.4E-06	3.4E-06	3.4E-06	3.4E-06	3.0E-06	3.0E-06	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133
Xel133m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel135	19.4E-12	8.7E-14	8.7E-14	8.7E-14	8.7E-14	2.8E-13	2.1E-13	3.9E-13	8.0E-13	8.7E-14	8.7E-14	8.7E-14	8.7E-14	4.7E-10	4.6E-12	4.6E-12	4.6E-12	4.6E-12	4.6E-12	4.6E-12	4.0E-12	4.0E-12	Xel135
I131	16.3E-10	6.2E-12	6.2E-12	6.2E-12	6.2E-12	2.0E-11	1.5E-11	2.8E-11	5.7E-11	6.2E-12	6.2E-12	6.2E-12	6.2E-12	2.9E-08	3.1E-10	3.1E-10	3.1E-10	3.1E-10	3.1E-10	3.1E-10	2.7E-10	2.7E-10	I131
I132	13.6E-10	3.5E-12	3.5E-12	3.5E-12	3.5E-12	1.1E-11	8.7E-12	1.6E-11	3.2E-11	3.5E-12	3.5E-12	3.5E-12	3.5E-12	1.7E-08	1.8E-10	1.8E-10	1.8E-10	1.8E-10	1.8E-10	1.8E-10	1.5E-10	1.5E-10	I132
I133	11.2E-09	1.2E-11	1.2E-11	1.2E-11	1.2E-11	3.8E-11	2.9E-11	5.3E-11	1.1E-10	1.2E-11	1.2E-11	1.2E-11	1.2E-11	5.5E-08	5.9E-10	5.9E-10	5.9E-10	5.9E-10	5.9E-10	5.9E-10	5.1E-10	5.1E-10	I133
I134	11.2E-10	1.2E-12	1.2E-12	1.2E-12	1.2E-12	3.9E-12	3.0E-12	5.5E-12	1.1E-11	1.2E-12	1.2E-12	1.2E-12	1.2E-12	5.7E-09	6.1E-11	6.1E-11	6.1E-11	6.1E-11	6.1E-11	6.1E-11	5.3E-11	5.3E-11	I134
I135	19.1E-10	9.0E-12	9.0E-12	9.0E-12	9.0E-12	2.9E-11	2.2E-11	4.0E-11	8.3E-11	9.0E-12	9.0E-12	9.0E-12	9.0E-12	4.2E-08	4.5E-10	4.5E-10	4.5E-10	4.5E-10	4.5E-10	4.5E-10	3.9E-10	3.9E-10	I135
F18	11.1E-12	2.8E-14	2.8E-14	2.8E-14	2.8E-14	8.9E-14	6.8E-14	1.2E-13	2.3E-13	2.8E-14	2.8E-14	2.8E-14	2.8E-14	1.8E-11	5.4E-13	5.4E-13	5.4E-13	5.4E-13	5.4E-13	5.4E-13	4.7E-13	4.7E-13	F18
Co58	18.7E-15	2.3E-16	2.3E-16	2.3E-16	2.3E-16	7.1E-16	5.4E-16	9.7E-16	1.9E-15	2.3E-16	2.3E-16	2.3E-16	2.3E-16	1.4E-13	4.4E-15	4.4E-15	4.4E-15	4.4E-15	4.4E-15	4.4E-15	3.8E-15	3.8E-15	Co58
Co60	12.4E-15	6.2E-17	6.2E-17	6.2E-17	6.2E-17	2.0E-16	1.5E-16	2.7E-16	5.1E-16	6.2E-17	6.2E-17	6.2E-17	6.2E-17	4.0E-14	1.2E-15	1.2E-15	1.2E-15	1.2E-15	1.2E-15	1.2E-15	1.1E-15	1.1E-15	Co60
Rb88	15.7E-06	6.0E-08	6.0E-08	6.0E-08	6.0E-08	2.0E-07	1.5E-07	2.7E-07	5.5E-07	6.0E-08	6.0E-08	6.0E-08	6.0E-08	2.4E-04	2.8E-06	2.8E-06	2.8E-06	2.8E-06	2.8E-06	2.8E-06	2.5E-06	2.5E-06	Rb88
Na24	11.4E-14	3.7E-16	3.7E-16	3.7E-16	3.7E-16	1.2E-15	9.0E-16	1.6E-15	3.1E-15	3.7E-16	3.7E-16	3.7E-16	3.7E-16	2.4E-13	7.2E-15	7.2E-15	7.2E-15	7.2E-15	7.2E-15	7.2E-15	6.3E-15	6.3E-15	Na24
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	11.5E-11	1.5E-13	1.5E-13	1.5E-13	1.5E-13	4.8E-13	3.6E-13	6.7E-13	1.4E-12	1.5E-13	1.5E-13	1.5E-13	1.5E-13	6.9E-10	7.4E-12	7.4E-12	7.4E-12	7.4E-12	7.4E-12	7.4E-12	6.4E-12	6.4E-12	Te129
Nb95	11.1E-15	2.9E-17	2.9E-17	2.9E-17	2.9E-17	9.1E-17	6.9E-17	1.2E-16	2.4E-16	2.9E-17	2.9E-17	2.9E-17	2.9E-17	1.8E-14	5.6E-16	5.6E-16	5.6E-16	5.6E-16	5.6E-16	5.6E-16	4.8E-16	4.8E-16	Nb95
Tc99m	11.6E-15	4.1E-17	4.1E-17	4.1E-17	4.1E-17	1.3E-16	9.9E-17	1.8E-16	3.4E-16	4.1E-17	4.1E-17	4.1E-17	4.1E-17	2.6E-14	7.9E-16	7.9E-16	7.9E-16	7.9E-16	7.9E-16	7.9E-16	6.9E-16	6.9E-16	Tc99m
Cs134	5.8E-11	5.7E-13	5.7E-13	5.7E-13	5.7E-13	1.9E-12	1.4E-12	2.6E-12	5.3E-12	5.7E-13	5.7E-13	5.7E-13	5.7E-13	2.7E-09	2.9E-11	2.9E-11	2.9E-11	2.9E-11	2.9E-11	2.9E-11	2.5E-11	2.5E-11	Cs134
Cs137	14.1E-11	4.0E-13	4.0E-13	4.0E-13	4.0E-13	1.3E-12	1.0E-12	1.8E-12	3.7E-12	4.0E-13	4.0E-13	4.0E-13	4.0E-13	1.9E-09	2.0E-11	2.0E-11	2.0E-11	2.0E-11	2.0E-11	2.0E-11	1.8E-11	1.8E-11	Cs137
Ba140	6.0E-10	5.9E-12	5.9E-12	5.9E-12	5.9E-12	1.9E-11	1.5E-11	2.7E-11	5.5E-11	5.9E-12	5.9E-12	5.9E-12	5.9E-12	2.8E-08	3.0E-10	3.0E-10	3.0E-10	3.0E-10	3.0E-10	3.0E-10	2.6E-10	2.6E-10	Ba140
La140	16.1E-10	5.9E-12	5.9E-12	5.9E-12	5.9E-12	1.9E-11	1.5E-11	2.7E-11	5.5E-11	5.9E-12	5.9E-12	5.9E-12	5.9E-12	2.8E-08	3.0E-10	3.0E-10	3.0E-10	3.0E-10	3.0E-10	3.0E-10	2.6E-10	2.6E-10	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1 SI A	U1 SI B	U1 TDAFW	U1 CCP A	U1 CCP B	U1 CCP C	HUT A RM	HUT B RM	BA EVAP1	BA EVAP2	SPARE669	U1Pen669	U2Pen669	Elev 706	U1 UHI	U2 UHI	U1 PASF	U2 PASF	CASKdcon	RRoadBay	WPKgArea	CDWE Bdg	Gross
Gross	13.4E-06	3.4E-06	2.6E-05	3.4E-06	3.4E-06	3.4E-06	9.0E-06	9.0E-06	7.0E-07	7.0E-07	9.0E-06	1.3E-06	1.3E-06	2.3E-04	7.4E-10	7.4E-10	2.6E-05	2.6E-05	1.3E-04	5.3E-03	2.1E-04	1.9E-06	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	14.4E-13	4.4E-13	3.3E-12	4.4E-13	4.4E-13	4.4E-13	1.2E-12	1.2E-12	9.0E-14	9.0E-14	1.2E-12	1.6E-13	1.6E-13	2.4E-11	5.9E-17	5.9E-17	2.5E-12	2.5E-12	1.7E-11	8.6E-10	2.3E-11	1.8E-13	Xel133
Xel133m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel135	14.6E-12	4.6E-12	3.5E-11	4.6E-12	4.6E-12	4.6E-12	1.2E-11	1.2E-11	9.4E-13	9.4E-13	1.2E-11	1.7E-12	1.7E-12	2.6E-10	6.1E-16	6.1E-16	2.6E-11	2.6E-11	1.8E-11	9.0E-09	2.4E-10	1.9E-12	Xel135
I131	13.1E-10	3.1E-10	2.3E-09	3.1E-10	3.1E-10	3.1E-10	8.2E-10	8.2E-10	6.3E-11	6.3E-11	8.2E-10	1.2E-10	1.2E-10	1.9E-08	5.4E-14	5.4E-14	2.0E-09	2.0E-09	1.2E-08	5.5E-07	1.8E-09	1.5E-10	I131
I132	11.8E-10	1.8E-10	1.3E-09	1.8E-10	1.8E-10	1.8E-10	4.6E-10	4.6E-10	3.6E-11	3.6E-11	4.6E-10	6.5E-11	6.5E-11	1.1E-08	3.0E-14	3.0E-14	1.2E-09	1.2E-09	6.7E-09	3.1E-07	9.9E-09	8.2E-11	I132
I133	15.9E-10	5.9E-10	4.4E-09	5.9E-10	5.9E-10	5.9E-10	1.5E-09	1.5E-09	1.2E-10	1.2E-10	1.5E-09	2.2E-10	2.2E-10	1.0E-08	1.0E-13	1.0E-13	3.8E-09	3.8E-09	1.0E-06	3.3E-08	2.7E-10	1.1E-10	I133
I134	16.1E-11	6.1E-11	4.5E-10	6.1E-11	6.1E-11	6.1E-11	1.6E-10	1.6E-10	1.2E-11	1.2E-11	1.6E-10	2.2E-11	2.2E-11	3.7E-09	1.0E-14	1.0E-14	4.0E-10	4.0E-10	2.3E-09	1.1E-07	3.4E-09	2.8E-11	I134
I135	14.5E-10	4.5E-10	3.4E-09	4.5E-10	4.5E-10	4.5E-10	1.2E-09	1.2E-09	9.1E-11	9.1E-11	1.2E-09	1.7E-10	1.7E-10	2.7E-08	7.7E-14	7.7E-14	2.9E-09	2.9E-09	1.7E-08	7.9E-07	2.5E-08	2.1E-10	I135
F18	15.4E-13	5.4E-13	3.7E-12	5.4E-13	5.4E-13	5.4E-13	1.4E-12	1.4E-12	1.1E-13	1.1E-13	1.4E-12	2.0E-13	2.0E-13	3.9E-11	9.3E-16	9.3E-16	1.1E-11	1.1E-11	1.8E-11	2.2E-10	3.6E-11	9.1E-13	F18
Co58	14.4E-15	4.4E-15	3.0E-14	4.4E-15	4.4E-15	4.4E-15	1.1E-14	1.1E-14	9.0E-16	9.0E-16	1.1E-14	1.6E-15	1.6E-15	3.1E-13	7.5E-18	7.5E-18	8.7E-14	8.7E-14	1.5E-13	1.8E-12	2.9E-13	7.3E-15	Co58
Co60	11.2E-15	1.2E-15	8.2E-15	1.2E-15	1.2E-15	1.2E-15	3.1E-15	3.1E-15	2.5E-16	2.5E-16	3.1E-15	4.5E-16	4.5E-16	8.6E-14	2.0E-18	2.0E-18	2.4E-14	2.4E-14					

	Outside	river	EROW 1A	EROW 1B	EROW 2A	EROW 2B	EGTS A	EGTS B	Annulus1	Annulus2	WGDTeff1	SHLDblb1	SHLDblb2	AB_VENT	ABGTS A	ABGTS B	PURGE A	PURGE B		
Gross	13.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.3E-01	0.0E+00	6.0E-01	0.0E+00	0.0E+00	2.1E-01	0.0E+00	0.0E+00	6.6E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	1.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.8E-02	0.0E+00	2.6E-02	0.0E+00	0.0E+00	9.8E-03	0.0E+00	0.0E+00	3.1E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	19.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-02	0.0E+00	1.4E-02	0.0E+00	0.0E+00	5.2E-03	0.0E+00	0.0E+00	1.7E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	13.5E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.9E-02	0.0E+00	5.3E-02	0.0E+00	0.0E+00	2.0E-02	0.0E+00	0.0E+00	6.4E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	12.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-01	0.0E+00	3.5E-01	0.0E+00	0.0E+00	1.3E-01	0.0E+00	0.0E+00	4.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	7.2E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E-02	0.0E+00	1.1E-02	0.0E+00	0.0E+00	4.1E-03	0.0E+00	0.0E+00	1.3E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	16.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-01	0.0E+00	1.0E-01	0.0E+00	0.0E+00	3.7E-02	0.0E+00	0.0E+00	1.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	11.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.7E-06	0.0E+00	5.0E-04	0.0E+00	0.0E+00	9.4E-07	0.0E+00	0.0E+00	1.5E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	18.6E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.9E-06	0.0E+00	2.6E-04	0.0E+00	0.0E+00	4.9E-07	0.0E+00	0.0E+00	7.9E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	13.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.8E-06	0.0E+00	9.3E-04	0.0E+00	0.0E+00	1.7E-06	0.0E+00	0.0E+00	2.8E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	12.6E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.9E-07	0.0E+00	8.0E-05	0.0E+00	0.0E+00	1.5E-07	0.0E+00	0.0E+00	2.4E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	12.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.2E-06	0.0E+00	7.0E-04	0.0E+00	0.0E+00	1.3E-06	0.0E+00	0.0E+00	2.1E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	13.4E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.5E-11	0.0E+00	7.4E-09	0.0E+00	0.0E+00	1.8E-11	0.0E+00	0.0E+00	3.5E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	13.9E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.8E-13	0.0E+00	1.9E-10	0.0E+00	0.0E+00	2.1E-13	0.0E+00	0.0E+00	1.6E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	1.7E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.6E-13	0.0E+00	9.2E-11	0.0E+00	0.0E+00	9.5E-14	0.0E+00	0.0E+00	4.6E-20	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	1.8E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.3E-02	0.0E+00	1.9E-02	0.0E+00	0.0E+00	8.1E-03	0.0E+00	0.0E+00	1.9E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	14.9E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.4E-13	0.0E+00	2.1E-10	0.0E+00	0.0E+00	2.5E-13	0.0E+00	0.0E+00	2.5E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	14.1E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.9E-07	0.0E+00	4.5E-07	0.0E+00	0.0E+00	2.1E-07	0.0E+00	0.0E+00	8.4E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	13.3E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.5E-08	0.0E+00	2.1E-05	0.0E+00	0.0E+00	1.9E-08	0.0E+00	0.0E+00	1.5E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	13.8E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.3E-14	0.0E+00	1.7E-11	0.0E+00	0.0E+00	2.0E-14	0.0E+00	0.0E+00	1.9E-20	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	5.4E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-13	0.0E+00	2.4E-11	0.0E+00	0.0E+00	2.8E-14	0.0E+00	0.0E+00	2.8E-20	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	1.5E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.4E-07	0.0E+00	9.3E-05	0.0E+00	0.0E+00	8.7E-08	0.0E+00	0.0E+00	6.9E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	1.1E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-07	0.0E+00	6.5E-05	0.0E+00	0.0E+00	6.1E-08	0.0E+00	0.0E+00	4.9E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	1.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.5E-06	0.0E+00	9.6E-04	0.0E+00	0.0E+00	9.0E-07	0.0E+00	0.0E+00	7.1E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	1.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.5E-06	0.0E+00	9.6E-04	0.0E+00	0.0E+00	9.0E-07	0.0E+00	0.0E+00	7.1E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	U2_RCS	U2_UCmnt	U2_LCmnt	U2_Sump	U2_SG_1	U2_SG_2	U2_SG_3	U2_SG_4	SGBDMix2	SI_2A_HL	SI_2B_HL	SI_2_CL	U2_CVCS	U2_Letdn	U2_VCT	RHR2A_HL	RHR2B_HL	RHR2A_CL	RHR2B_CL	U2_CS_A	U2_CS_B	U2_CCS
Gross	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kz85m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kz87	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133
Xel133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel135	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel135
I131	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	Elev 653	U1 RHR A	U1 RHR B	U1 CS A	U1 CS B	TDCT RM	FDCT RM	EVAP PMP	STRIP RM	U2 RHR A	U2 RHR B	U2 CS A	U2 CS B	Elev 669	U2 SI A	U2 SI B	U2 TDAFW	U2 CCP A	U2 CCP B	U2 CCP C	WGDT RM1	WGDT RM2	Gross
Gross	12.1E-07	3.0E-09	3.0E-09	3.0E-09	3.0E-09	3.0E-09	7.4E-09	1.3E-08	2.7E-08	3.0E-09	3.0E-09	3.0E-09	3.0E-09	5.9E-06	1.0E-07	1.0E-07	1.0E-07	1.0E-07	1.0E-07	1.0E-07	8.9E-08	8.9E-08	Gross
Kr85m	19.2E-09	1.3E-10	1.3E-10	1.3E-10	1.3E-10	4.3E-10	3.3E-10	6.0E-10	1.2E-09	1.3E-10	1.3E-10	1.3E-10	1.3E-10	2.6E-07	4.5E-09	4.5E-09	4.5E-09	4.5E-09	4.5E-09	4.5E-09	3.9E-09	3.9E-09	Kr85m
Kr87	14.9E-09	7.2E-11	7.2E-11	7.2E-11	7.2E-11	2.3E-10	1.8E-10	3.2E-10	6.4E-10	7.2E-11	7.2E-11	7.2E-11	7.2E-11	1.4E-07	2.4E-09	2.4E-09	2.4E-09	2.4E-09	2.4E-09	2.4E-09	2.1E-09	2.1E-09	Kr87
Kr88	11.9E-08	2.7E-10	2.7E-10	2.7E-10	2.7E-10	8.9E-10	6.7E-10	1.2E-09	2.5E-09	2.7E-10	2.7E-10	2.7E-10	2.7E-10	5.4E-07	9.3E-09	9.3E-09	9.3E-09	9.3E-09	9.3E-09	9.3E-09	8.1E-09	8.1E-09	Kr88
Xe133	11.2E-07	1.8E-09	1.8E-09	1.8E-09	1.8E-09	5.8E-09	4.4E-09	8.0E-09	1.6E-08	1.8E-09	1.8E-09	1.8E-09	1.8E-09	3.5E-06	6.1E-08	6.1E-08	6.1E-08	6.1E-08	6.1E-08	6.1E-08	5.3E-08	5.3E-08	Xe133
Xe133m	3.9E-09	5.7E-11	5.7E-11	5.7E-11	5.7E-11	1.4E-10	1.2E-10	2.5E-10	5.1E-10	5.7E-11	5.7E-11	5.7E-11	5.7E-11	1.1E-07	1.9E-09	1.9E-09	1.9E-09	1.9E-09	1.9E-09	1.9E-09	1.7E-09	1.7E-09	Xe133m
Xe135	3.3E-08	4.9E-10	4.9E-10	4.9E-10	4.9E-10	1.6E-09	1.2E-09	2.2E-09	4.3E-09	4.9E-10	4.9E-10	4.9E-10	4.9E-10	9.6E-07	1.7E-08	1.7E-08	1.7E-08	1.7E-08	1.7E-08	1.7E-08	1.4E-08	1.4E-08	Xe135
I131	18.8E-13	1.3E-14	1.3E-14	1.3E-14	1.3E-14	4.2E-14	3.2E-14	5.7E-14	1.2E-13	1.3E-14	1.3E-14	1.3E-14	1.3E-14	2.5E-11	4.4E-13	4.4E-13	4.4E-13	4.4E-13	4.4E-13	4.4E-13	3.8E-13	3.8E-13	I131
I132	4.6E-13	6.7E-15	6.7E-15	6.7E-15	6.7E-15	2.2E-14	1.7E-14	3.0E-14	6.0E-14	6.7E-15	6.7E-15	6.7E-15	6.7E-15	1.3E-11	2.3E-13	2.3E-13	2.3E-13	2.3E-13	2.3E-13	2.3E-13	2.0E-13	2.0E-13	I132
I133	11.6E-12	2.4E-14	2.4E-14	2.4E-14	2.4E-14	7.7E-14	5.9E-14	1.1E-13	2.1E-13	2.4E-14	2.4E-14	2.4E-14	2.4E-14	4.7E-11	8.1E-13	8.1E-13	8.1E-13	8.1E-13	8.1E-13	8.1E-13	7.0E-13	7.0E-13	I133
I134	11.4E-13	2.1E-15	2.1E-15	2.1E-15	2.1E-15	6.6E-15	5.0E-15	9.1E-15	1.8E-14	2.1E-15	2.1E-15	2.1E-15	2.1E-15	4.0E-12	6.9E-14	6.9E-14	6.9E-14	6.9E-14	6.9E-14	6.9E-14	6.0E-14	6.0E-14	I134
I135	11.2E-12	1.8E-14	1.8E-14	1.8E-14	1.8E-14	5.9E-14	4.4E-14	8.1E-14	1.6E-13	1.8E-14	1.8E-14	1.8E-14	1.8E-14	3.5E-11	6.1E-13	6.1E-13	6.1E-13	6.1E-13	6.1E-13	6.1E-13	5.3E-13	5.3E-13	I135
F18	11.8E-16	6.3E-18	6.3E-18	6.3E-18	6.3E-18	2.0E-17	1.5E-17	2.6E-17	4.9E-17	6.3E-18	6.3E-18	6.3E-18	6.3E-18	2.0E-15	9.0E-17	9.0E-17	9.0E-17	9.0E-17	9.0E-17	9.0E-17	7.9E-17	7.9E-17	F18
Co58	11.6E-18	5.6E-20	5.6E-20	5.6E-20	5.6E-20	1.7E-19	1.3E-19	2.4E-19	4.4E-19	5.6E-20	5.6E-20	5.6E-20	5.6E-20	1.9E-17	8.2E-19	8.2E-19	8.2E-19	8.2E-19	8.2E-19	8.2E-19	7.1E-19	7.1E-19	Co58
Co60	14.8E-19	1.6E-20	1.6E-20	1.6E-20	1.6E-20	4.9E-20	3.8E-20	6.7E-20	1.3E-19	1.6E-20	1.6E-20	1.6E-20	1.6E-20	6.3E-18	2.4E-19	2.4E-19	2.4E-19	2.4E-19	2.4E-19	2.4E-19	2.1E-19	2.1E-19	Co60
Rb88	11.3E-08	2.0E-10	2.0E-10	2.0E-10	2.0E-10	6.4E-10	4.9E-10	8.9E-10	1.8E-09	2.0E-10	2.0E-10	2.0E-10	2.0E-10	3.4E-07	6.5E-09	6.5E-09	6.5E-09	6.5E-09	6.5E-09	6.5E-09	5.6E-09	5.6E-09	Rb88
Na24	2.6E-18	9.1E-20	9.1E-20	9.1E-20	9.1E-20	2.8E-19	2.2E-19	3.8E-19	7.1E-19	9.1E-20	9.1E-20	9.1E-20	9.1E-20	3.0E-17	1.3E-18	1.3E-18	1.3E-18	1.3E-18	1.3E-18	1.3E-18	1.1E-18	1.1E-18	Na24
Ar41	12.2E-12	7.7E-14	7.7E-14	7.7E-14	7.7E-14	2.4E-13	1.8E-13	3.2E-13	6.0E-13	7.7E-14	7.7E-14	7.7E-14	7.7E-14	2.5E-11	1.1E-12	1.1E-12	1.1E-12	1.1E-12	1.1E-12	1.1E-12	9.6E-13	9.6E-13	Ar41
Te129	11.8E-14	2.6E-16	2.6E-16	2.6E-16	2.6E-16	8.5E-16	6.5E-16	1.2E-15	2.4E-15	2.6E-16	2.6E-16	2.6E-16	2.6E-16	5.2E-13	8.9E-15	8.9E-15	8.9E-15	8.9E-15	8.9E-15	8.9E-15	7.7E-15	7.7E-15	Te129
Nb95	12.0E-19	7.1E-21	7.1E-21	7.1E-21	7.1E-21	2.2E-20	1.7E-20	3.0E-20	5.5E-20	7.1E-21	7.1E-21	7.1E-21	7.1E-21	2.3E-18	1.0E-19	1.0E-19	1.0E-19	1.0E-19	1.0E-19	1.0E-19	8.8E-20	8.8E-20	Nb95
Tc99m	2.9E-19	1.0E-20	1.0E-20	1.0E-20	1.0E-20	3.1E-20	2.4E-20	4.2E-20	7.9E-20	1.0E-20	1.0E-20	1.0E-20	1.0E-20	3.3E-18	1.4E-19	1.4E-19	1.4E-19	1.4E-19	1.4E-19	1.4E-19	1.3E-19	1.3E-19	Tc99m
Cs134	8.1E-14	1.2E-15	1.2E-15	1.2E-15	1.2E-15	3.8E-15	2.9E-15	5.3E-15	1.1E-14	1.2E-15	1.2E-15	1.2E-15	1.2E-15	2.3E-12	4.0E-14	4.0E-14	4.0E-14	4.0E-14	4.0E-14	4.0E-14	3.5E-14	3.5E-14	Cs134
Cs137	5.7E-14	8.4E-16	8.4E-16	8.4E-16	8.4E-16	2.7E-15	2.1E-15	3.7E-15	7.5E-15	8.4E-16	8.4E-16	8.4E-16	8.4E-16	1.6E-12	2.8E-14	2.8E-14	2.8E-14	2.8E-14	2.8E-14	2.8E-14	2.5E-14	2.5E-14	Cs137
Ba140	8.4E-13	1.2E-14	1.2E-14	1.2E-14	1.2E-14	4.0E-14	3.0E-14	5.5E-14	1.1E-13	1.2E-14	1.2E-14	1.2E-14	1.2E-14	2.4E-11	4.2E-13	4.2E-13	4.2E-13	4.2E-13	4.2E-13	4.2E-13	3.6E-13	3.6E-13	Ba140
La140	8.4E-13	1.2E-14	1.2E-14	1.2E-14	1.2E-14	4.0E-14	3.0E-14	5.5E-14	1.1E-13	1.2E-14	1.2E-14	1.2E-14	1.2E-14	2.4E-11	4.2E-13	4.2E-13	4.2E-13	4.2E-13	4.2E-13	4.2E-13	3.6E-13	3.6E-13	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1 SI A	U1 SI B	U1 TDAFW	U1 CCP A	U1 CCP B	U1 CCP C	HUT A RM	HUT B RM	BA EVAP1	BA EVAP2	SPARE669	U1P669	U2P669	Elev 706	U1 UHI	U2 UHI	U1 PASF	U2 PASF	CASKdcon	RoadBay	WPkgArea	CDWE_Bdg	Gross
Gross	1.0E-07	1.0E-07	7.4E-07	1.0E-07	1.0E-07	1.0E-07	2.7E-07	2.7E-07	2.1E-08	2.1E-08	2.7E-07	3.8E-08	3.8E-08	8.0E-06	9.7E-11	9.7E-11	1.3E-06	1.3E-06	3.8E-06	9.7E-05	7.4E-06	9.5E-08	Gross
Kr85m	14.5E-09	4.5E-09	3.3E-08	4.5E-09	4.5E-09	4.5E-09	1.2E-08	1.2E-08	9.2E-10	9.2E-10	1.2E-08	1.7E-09	1.7E-09	3.6E-07	4.3E-12	4.3E-12	5.6E-08	5.6E-08	1.7E-07	4.3E-06	3.3E-07	4.2E-09	Kr85m
Kr87	12.4E-09	2.4E-09	1.8E-08	2.4E-09	2.4E-09	2.4E-09	6.3E-09	6.3E-09	4.9E-10	4.9E-10	6.3E-09	9.0E-10	9.0E-10	1.9E-07	2.3E-12	2.3E-12	3.0E-08	3.0E-08	8.9E-08	2.3E-06	1.8E-07	2.3E-09	Kr87
Kr88	9.3E-09	9.3E-09	6.7E-08	9.3E-09	9.3E-09	9.3E-09	2.4E-08	2.4E-08	1.9E-09	1.9E-09	2.4E-08	3.4E-09	3.4E-09	7.3E-07	8.8E-12	8.8E-12	1.2E-07	1.2E-07	3.4E-07	8.9E-06	6.8E-07	8.7E-09	Kr88
Xe133	16.1E-08	6.1E-08	4.4E-07	6.1E-08	6.1E-08	6.1E-08	1.6E-07	1.6E-07	1.2E-08	1.2E-08	1.6E-07	3.2E-08	3.2E-08	4.8E-06	5.8E-11	5.8E-11	7.6E-07	7.6E-07	2.2E-06	5.8E-05	4.4E-06	5.7E-08	Xe133
Xe133m	1.9E-09	1.9E-09	1.4E-08	1.9E-09	1.9E-09	1.9E-09	5.0E-09	5.0E-09	3.9E-10	3.9E-10	5.0E-09	7.1E-10	7.1E-10	1.5E-07	1.8E-12	1.8E-12	2.4E-08	2.4E-08	7.0E-08	1.8E-06	1.4E-07	1.8E-09	Xe133m
Xe135	11.7E-08	1.7E-08	1.2E-07	1.7E-08	1.7E-08	1.7E-08	4.3E-08	4.3E-08	3.4E-09	3.4E-09	4.3E-08	6.1E-09	6.1E-09	1.3E-06	1.6E-11	1.6E-11	2.0E-07	2.0E-07	6.1E-07	1.6E-05	1.2E-06	1.5E-08	Xe135
I131	14.4E-13	4.4E-13	3.2E-12	4.4E-13	4.4E-13	4.4E-13	1.1E-12	1.1E-12	8.9E-14	8.9E-14	1.1E-12	1.6E-13	1.6E-13	3.4E-11	4.2E-16	4.2E-16	5.4E-12	5.4E-12	1.6E-11	4.2E-10	3.2E-11	4.1E-13	I131
I132	12.3E-13	2.3E-13	1.7E-12	2.3E-13	2.3E-13	2.3E-13	5.9E-13	5.9E-13	4.6E-14	4.6E-14	5.9E-13	8.5E-14	8.5E-14	1.8E-11	2.2E-16	2.2E-16	2.8E-12	2.8E-12	8.4E-12	2.2E-10	1.7E-11	2.1E-13	I132
I133	8.1E-13	8.1E-13	5.9E-12	8.1E-13	8.1E-13	8.1E-13	2.1E-12	2.1E-12	1.6E-13	1.6E-13	2.1E-12	3.0E-13	3.0E-13	6.4E-11	7.7E-16	7.7E-16	1.0E-11	1.0E-11	3.0E-11	7.8E-10	5.9E-11	7.6E-13	I133
I134	6.9E-14	6.9E-14	5.0E-13	6.9E-14	6.9E-14	6.9E-14	1.8E-13	1.8E-13	1.4E-14	1.4E-14	1.8E-13	2.6E-14	2.6E-14	5.4E-12	6.6E-17	6.6E-17	8.7E-13	8.7E-13	2.6E-12	6.6E-11	5.0E-12	6.5E-14	I134
I135	16.1E-13	6.1E-13	4.4E-12	6.1E-13	6.1E-13	6.1E-13	1.6E-12	1.6E-12	1.2E-13	1.2E-13	1.6E-12	2.3E-13	2.3E-13	4.8E-11	5.8E-16	5.8E-16	7.6E-12	7.6E-12	2.3E-11	5.9E-10	4.5E-11	5.7E-13	I135
F18	9.0E-17	9.0E-17	5.8E-16	9.0E-17	9.0E-17	9.0E-17	2.3E-16	2.3E-16	1.9E-17	1.9E-17	2.3E-16	3.4E-17	3.4E-17	5.2E-15	2.0E-19	2.0E-19	2.0E-15	2.0E-15	2.6E-15	1.8E-14	4.9E-15	1.8E-16	F18
Co58	18.2E-19	8.2E-19	5.2E-18	8.2E-19	8.2E-19	8.2E-19	2.1E-18	2.1E-18	1.7E-19	1.7E-19	2.1E-18	3.1E-19	3.1E-19	4.8E-17	1.8E-21	1.8E-21	1.8E-17	1.8E-17	2.4E-17	1.8E-16	4.5E-17	1.6E-18	Co58
Co60	2.4E-19	2.4E-19	1.6E-18	2.4E-19	2.4E-19	2.4E-19	6.1E-19	6.1E-19	5.0E-20	5.0E-20	6.1E-19	9.0E-20	9.0E-20	1.5E-17	5.1E-22	5.1E-22	5.1E-18	5.1E-18	7.1E-18	6.7E-17	1.4E-17	4.6E-19	Co60
Rb88	6.5E-09	6.5E-09	4.7E-08	6.5E-0																			

	Elev 653	U1 RHR A	U1 RHR B	U1 CS A	U1 CS B	TDCT RM	FDCT RM	EVAP PMP	STRIP RM	U2 RHR A	U2 RHR B	U2 CS A	U2 CS B	Elev 669	U2 SI A	U2 SI B	U2 TDAFW	U2 CCP A	U2 CCP B	U2 CCP C	WGDT RM1	WGDT RM2	Gross
Gross	1.3E-05	5.3E-07	5.3E-07	5.3E-07	5.3E-07	1.7E-06	1.3E-06	2.4E-06	4.8E-06	5.3E-07	5.3E-07	5.3E-07	5.3E-07	1.1E-03	1.9E-05	1.9E-05	1.9E-05	1.9E-05	1.9E-05	1.9E-05	1.6E-05	1.6E-05	Kr85m
Kr85m	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	16.4E-12	7.5E-14	7.5E-14	7.5E-14	7.5E-14	2.4E-13	1.9E-13	3.4E-13	6.9E-13	7.5E-14	7.5E-14	7.5E-14	7.5E-14	2.4E-10	3.2E-12	3.2E-12	3.2E-12	3.2E-12	3.2E-12	3.2E-12	2.7E-12	2.7E-12	Xe133
Xe133m	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	16.6E-11	7.8E-13	7.8E-13	7.8E-13	7.8E-13	2.5E-12	1.9E-12	3.5E-12	7.0E-12	7.8E-13	7.8E-13	7.8E-13	7.8E-13	2.5E-09	3.2E-11	3.2E-11	3.2E-11	3.2E-11	3.2E-11	3.2E-11	2.8E-11	2.8E-11	Xe135
I131	1.3E-09	4.4E-11	4.4E-11	4.4E-11	4.4E-11	1.4E-10	1.1E-10	2.0E-10	4.0E-10	4.4E-11	4.4E-11	4.4E-11	4.4E-11	1.2E-07	1.7E-09	1.7E-09	1.7E-09	1.7E-09	1.7E-09	1.7E-09	1.5E-09	1.5E-09	I131
I132	1.8E-09	2.3E-11	2.3E-11	2.3E-11	2.3E-11	7.5E-11	5.7E-11	1.0E-10	2.1E-10	2.3E-11	2.3E-11	2.3E-11	2.3E-11	6.1E-08	8.8E-10	8.8E-10	8.8E-10	8.8E-10	8.8E-10	8.8E-10	7.7E-10	7.7E-10	I132
I133	16.4E-09	8.2E-11	8.2E-11	8.2E-11	8.2E-11	2.7E-10	2.0E-10	3.7E-10	7.4E-10	8.2E-11	8.2E-11	8.2E-11	8.2E-11	2.2E-07	3.1E-09	3.1E-09	3.1E-09	3.1E-09	3.1E-09	3.1E-09	2.7E-09	2.7E-09	I133
I134	15.4E-10	7.0E-12	7.0E-12	7.0E-12	7.0E-12	2.3E-11	1.7E-11	3.1E-11	6.4E-11	7.0E-12	7.0E-12	7.0E-12	7.0E-12	1.8E-08	2.7E-10	2.7E-10	2.7E-10	2.7E-10	2.7E-10	2.7E-10	2.3E-10	2.3E-10	I134
I135	14.8E-09	6.2E-11	6.2E-11	6.2E-11	6.2E-11	2.0E-10	1.5E-10	2.8E-10	5.6E-10	6.2E-11	6.2E-11	6.2E-11	6.2E-11	1.6E-07	2.4E-09	2.4E-09	2.4E-09	2.4E-09	2.4E-09	2.4E-09	2.1E-09	2.1E-09	I135
F18	1.7E-12	5.0E-14	5.0E-14	5.0E-14	5.0E-14	1.6E-13	1.2E-13	2.1E-13	4.0E-13	5.0E-14	5.0E-14	5.0E-14	5.0E-14	2.4E-11	8.5E-13	8.5E-13	8.5E-13	8.5E-13	8.5E-13	8.5E-13	7.4E-13	7.4E-13	F18
Co58	11.5E-14	4.4E-16	4.4E-16	4.4E-16	4.4E-16	1.4E-15	1.1E-15	1.9E-15	3.6E-15	4.4E-16	4.4E-16	4.4E-16	4.4E-16	2.2E-13	7.6E-15	7.6E-15	7.6E-15	7.6E-15	7.6E-15	7.6E-15	6.6E-15	6.6E-15	Co58
Co60	14.3E-15	1.2E-16	1.2E-16	1.2E-16	1.2E-16	3.8E-16	2.9E-16	5.2E-16	9.9E-16	1.2E-16	1.2E-16	1.2E-16	1.2E-16	6.5E-14	2.1E-15	2.1E-15	2.1E-15	2.1E-15	2.1E-15	2.1E-15	1.9E-15	1.9E-15	Co60
Rb88	1.1E-05	4.4E-07	4.4E-07	4.4E-07	4.4E-07	1.4E-06	1.1E-06	1.9E-06	3.9E-06	4.4E-07	4.4E-07	4.4E-07	4.4E-07	9.0E-04	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.3E-05	1.3E-05	Rb88
Na24	2.5E-14	7.2E-16	7.2E-16	7.2E-16	7.2E-16	2.3E-15	1.7E-15	3.1E-15	5.8E-15	7.2E-16	7.2E-16	7.2E-16	7.2E-16	3.5E-13	1.2E-14	1.2E-14	1.2E-14	1.2E-14	1.2E-14	1.2E-14	1.1E-14	1.1E-14	Na24
Ar41	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	17.0E-11	9.0E-13	9.0E-13	9.0E-13	9.0E-13	2.9E-12	2.2E-12	4.0E-12	8.2E-12	9.0E-13	9.0E-13	9.0E-13	9.0E-13	2.4E-09	3.5E-11	3.5E-11	3.5E-11	3.5E-11	3.5E-11	3.5E-11	3.0E-11	3.0E-11	Te129
Nb95	1.9E-15	5.6E-17	5.6E-17	5.6E-17	5.6E-17	1.8E-16	1.3E-16	2.4E-16	4.5E-16	5.6E-17	5.6E-17	5.6E-17	5.6E-17	7.2E-14	9.6E-16	9.6E-16	9.6E-16	9.6E-16	9.6E-16	9.6E-16	8.3E-16	8.3E-16	Nb95
Tc99m	12.7E-15	7.9E-17	7.9E-17	7.9E-17	7.9E-17	2.5E-16	1.9E-16	3.4E-16	6.4E-16	7.9E-17	7.9E-17	7.9E-17	7.9E-17	3.9E-14	1.4E-15	1.4E-15	1.4E-15	1.4E-15	1.4E-15	1.4E-15	1.2E-15	1.2E-15	Tc99m
Cs134	1.3E-10	4.1E-12	4.1E-12	4.1E-12	4.1E-12	1.3E-11	1.0E-11	1.8E-11	3.7E-11	4.1E-12	4.1E-12	4.1E-12	4.1E-12	1.1E-08	1.6E-10	1.6E-10	1.6E-10	1.6E-10	1.6E-10	1.6E-10	1.4E-10	1.4E-10	Cs134
Cs137	12.2E-10	2.9E-12	2.9E-12	2.9E-12	2.9E-12	9.3E-12	7.1E-12	1.3E-11	2.6E-11	2.9E-12	2.9E-12	2.9E-12	2.9E-12	7.5E-09	1.1E-10	1.1E-10	1.1E-10	1.1E-10	1.1E-10	1.1E-10	9.5E-11	9.5E-11	Cs137
Ba140	1.3E-09	4.2E-11	4.2E-11	4.2E-11	4.2E-11	1.4E-10	1.0E-10	1.9E-10	3.8E-10	4.2E-11	4.2E-11	4.2E-11	4.2E-11	1.1E-07	1.6E-09	1.6E-09	1.6E-09	1.6E-09	1.6E-09	1.6E-09	1.4E-09	1.4E-09	Ba140
La140	1.3E-09	4.2E-11	4.2E-11	4.2E-11	4.2E-11	1.4E-10	1.0E-10	1.9E-10	3.8E-10	4.2E-11	4.2E-11	4.2E-11	4.2E-11	1.1E-07	1.6E-09	1.6E-09	1.6E-09	1.6E-09	1.6E-09	1.6E-09	1.4E-09	1.4E-09	La140
Pr146	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1 SI A	U1 SI B	U1 TDAFW	U1 CCP A	U1 CCP B	HUT A RM	HUT B RM	BA EVAP1	BA EVAP2	SPARE669	U1Pen669	U2Pen669	Elev 706	U1 UHI	U2 UHI	U1 PASF	U2 PASF	CASKdcon	RROADBay	WPkgArea	CDWE Bag	Gross	
Gross	1.9E-05	1.9E-05	1.3E-04	1.9E-05	1.9E-05	1.9E-05	4.8E-05	4.8E-05	3.8E-06	3.8E-06	6.8E-06	6.8E-06	1.5E-03	9.6E-09	9.6E-09	2.2E-04	2.2E-04	6.8E-04	1.8E-02	1.3E-03	1.7E-05	Kr85m	
Kr85m	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m	
Kr87	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87	
Kr88	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88	
Xe133	13.2E-12	3.2E-12	2.3E-11	3.2E-12	3.2E-12	3.2E-12	8.2E-12	6.4E-13	6.4E-13	8.2E-12	1.2E-12	1.2E-12	1.2E-12	1.0E-15	1.0E-15	2.9E-11	2.9E-11	1.2E-10	4.4E-09	2.0E-10	2.1E-12	Xe133	
Xe133m	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m	
Xe135	13.2E-11	3.2E-11	2.4E-10	3.2E-11	3.2E-11	3.2E-11	8.2E-11	6.4E-12	6.4E-12	8.2E-11	1.2E-11	1.2E-11	1.2E-11	1.1E-14	1.1E-14	2.9E-10	2.9E-10	1.2E-09	4.5E-08	2.1E-09	2.1E-11	Xe135	
I131	1.7E-09	1.7E-09	1.2E-08	1.7E-09	1.7E-09	1.7E-09	4.4E-09	4.4E-09	1.8E-10	3.4E-10	4.4E-09	4.4E-09	4.4E-09	7.1E-13	7.1E-13	1.8E-08	1.8E-08	6.3E-08	2.0E-06	1.2E-07	1.3E-09	I131	
I132	8.8E-10	8.8E-10	6.5E-09	8.8E-10	8.8E-10	8.8E-10	2.3E-09	2.3E-09	1.8E-10	3.3E-10	4.4E-09	4.4E-09	4.4E-09	3.3E-10	3.3E-10	9.3E-09	9.3E-09	3.3E-08	1.1E-06	6.0E-08	6.8E-10	I132	
I133	1.3E-09	3.1E-09	2.3E-08	3.1E-09	3.1E-09	3.1E-09	8.2E-09	8.2E-09	6.4E-10	6.4E-10	8.2E-09	8.2E-09	8.2E-09	1.2E-09	1.2E-09	2.3E-07	2.3E-07	3.3E-08	1.2E-07	3.8E-06	2.4E-09	I133	
I134	12.7E-10	2.7E-10	2.0E-09	2.7E-10	2.7E-10	2.7E-10	7.0E-10	5.4E-11	5.4E-11	7.0E-10	9.9E-11	9.9E-11	2.0E-08	1.1E-13	1.1E-13	2.8E-09	2.8E-09	1.0E-08	3.2E-07	1.8E-08	2.1E-10	I134	
I135	12.4E-09	2.4E-09	1.7E-08	2.4E-09	2.4E-09	2.4E-09	6.2E-09	4.8E-10	4.8E-10	6.2E-09	8.8E-10	8.8E-10	1.7E-07	1.0E-12	1.0E-12	2.5E-08	2.5E-08	8.8E-08	2.8E-06	1.6E-07	1.8E-09	I135	
F18	18.5E-13	8.5E-13	5.6E-12	8.5E-13	8.5E-13	8.5E-13	2.2E-12	1.8E-13	1.8E-13	2.2E-12	3.2E-13	3.2E-13	5.7E-11	1.5E-15	1.5E-15	1.8E-11	1.8E-11	2.7E-11	2.8E-10	5.3E-11	1.5E-12	F18	
Co58	17.6E-15	7.6E-15	5.0E-14	7.6E-15	7.6E-15	7.6E-15	1.9E-14	1.6E-15	1.6E-15	1.9E-14	2.8E-15	2.8E-15	5.1E-13	1.4E-17	1.4E-17	1.6E-13	1.6E-13	2.4E-13	2.5E-12	4.7E-13	1.4E-14	Co58	
Co60	12.1E-15	2.1E-15	1.4E-14	2.1E-15	2.1E-15	2.1E-15	5.5E-15	5.5E-15	4.4E-16	4.4E-16	5.5E-15	5.5E-15	8.0E-16	1.4E-13	3.7E-18	3.7E-18	4.4E-14	4.4E-14	6.8E-14	1.3E-13	8.3E-15	Co60	
Rb88	1.1E-05	1.5E-05	1.1E-04	1.5E-05	1.5E-05	1.5E-05	4.0E-05	4.0E-05	3.1E-06	3.1E-06	4.0E-05	5.6E-06	5.6E-06	1.2E-03	7.9E-09	7.9E-09	1.8E-04	1.8E-04	5.6E-04	1.5E-02			

	U1 RCS	U1 UCmnt	U1 LCmnt	U1 Sump	U1 SG 1	U1 SG 2	U1 SG 3	U1 SG 4	SGBD Mix	SI 1A HL	SI 1B HL	SI 1 CL	CVCS Pmp	Letdown	VCT	RHR1A HL	RHR1B HL	RHR1A CL	RHR1B CL	U1 CS A	U1 CS B	U1 CCS	Gross
Gross	11.2E+04	1.7E-01	1.2E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-05	8.8E-02	8.2E-02	3.5E-02	1.2E+04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	11.4E+02	7.2E-03	5.3E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-07	8.8E-04	8.2E-04	3.5E-04	1.4E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	16.8E+01	3.5E-03	2.6E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-08	1.9E-04	1.7E-04	7.3E-05	6.9E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	12.8E+02	1.4E-02	1.1E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.4E-07	1.4E-03	1.3E-03	5.6E-04	2.8E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	12.0E+03	1.0E-01	7.5E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-06	2.0E-02	1.8E-02	7.8E-03	2.0E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133
Xel133m	16.1E+01	3.2E-03	2.3E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.7E-06	1.1E-02	1.0E-02	4.4E-03	6.2E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel135	16.3E+02	2.8E-02	2.1E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8E-06	1.2E-02	1.1E-02	4.6E-03	6.4E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel135
I131	19.3E+02	1.4E-04	1.1E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07	4.6E-04	4.3E-04	1.8E-04	9.4E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	14.5E+02	7.0E-05	5.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.0E-07	1.7E-03	1.5E-03	6.6E-04	4.6E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	11.7E+03	2.7E-04	2.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.7E-07	3.6E-03	3.3E-03	1.4E-03	1.7E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	11.2E+02	1.9E-05	1.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07	4.4E-04	4.0E-04	1.7E-04	1.2E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	11.3E+03	2.0E-04	1.5E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-06	4.2E-03	3.9E-03	1.7E-03	1.3E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	16.3E-03	1.3E-08	7.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.0E-06	2.4E-02	2.2E-02	9.5E-03	6.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	12.3E-04	2.7E-10	2.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07	4.7E-04	4.4E-04	1.9E-04	2.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	11.4E-04	8.5E-11	1.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-08	1.3E-04	1.2E-04	5.1E-05	1.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	12.6E+02	1.2E-02	4.7E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.4E-07	1.4E-03	1.3E-03	5.5E-04	2.6E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	12.0E-04	4.1E-10	2.2E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E-07	7.6E-04	7.1E-04	3.0E-04	2.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	11.1E-03	7.8E-07	4.3E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-06	4.4E-03	4.1E-03	1.7E-03	1.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	13.3E+01	5.1E-06	3.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.3E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	11.6E-05	3.2E-11	1.8E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-08	6.0E-05	5.6E-05	2.4E-05	1.6E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	12.2E-05	4.6E-11	2.5E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-08	8.5E-05	7.9E-05	3.4E-05	2.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	11.7E+02	2.7E-05	2.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	11.2E+02	1.9E-05	1.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	11.8E+03	2.8E-04	2.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	11.8E+03	2.8E-04	2.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	Outside	River	ERCW 1A	ERCW 1B	ERCW 2A	ERCW 2B	EGTS A	EGTS B	Annulus1	Annulus2	WGDTeff1	SHLDbld1	SHLDbld2	AB VENT	ABGTS A	ABGTS B	PURGE A	PURGE B		
Gross	15.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E+00	0.0E+00	6.2E-01	0.0E+00	0.0E+00	3.0E-01	0.0E+00	0.0E+00	2.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	12.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.0E-02	0.0E+00	2.6E-02	0.0E+00	0.0E+00	1.3E-02	0.0E+00	0.0E+00	1.0E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	11.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-02	0.0E+00	1.3E-02	0.0E+00	0.0E+00	6.4E-03	0.0E+00	0.0E+00	5.0E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	14.6E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-01	0.0E+00	5.2E-02	0.0E+00	0.0E+00	2.7E-02	0.0E+00	0.0E+00	2.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	13.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.0E-01	0.0E+00	3.6E-01	0.0E+00	0.0E+00	1.8E-01	0.0E+00	0.0E+00	1.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133
Xel133m	1.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.2E-02	0.0E+00	1.1E-02	0.0E+00	0.0E+00	5.8E-03	0.0E+00	0.0E+00	4.5E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel135	18.9E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-01	0.0E+00	1.0E-01	0.0E+00	0.0E+00	5.1E-02	0.0E+00	0.0E+00	3.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel135
I131	12.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.0E-06	0.0E+00	5.2E-04	0.0E+00	0.0E+00	1.3E-06	0.0E+00	0.0E+00	5.2E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	11.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-06	0.0E+00	2.5E-04	0.0E+00	0.0E+00	6.4E-07	0.0E+00	0.0E+00	2.5E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	14.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.2E-06	0.0E+00	9.6E-04	0.0E+00	0.0E+00	2.4E-06	0.0E+00	0.0E+00	9.6E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	13.0E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.5E-07	0.0E+00	6.8E-05	0.0E+00	0.0E+00	1.7E-07	0.0E+00	0.0E+00	6.8E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	13.2E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.9E-06	0.0E+00	7.1E-04	0.0E+00	0.0E+00	1.8E-06	0.0E+00	0.0E+00	7.1E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	13.5E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.7E-11	0.0E+00	6.8E-09	0.0E+00	0.0E+00	1.8E-11	0.0E+00	0.0E+00	4.1E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	14.6E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.3E-13	0.0E+00	1.9E-10	0.0E+00	0.0E+00	2.5E-13	0.0E+00	0.0E+00	2.1E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	12.2E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.6E-13	0.0E+00	9.4E-11	0.0E+00	0.0E+00	1.2E-13	0.0E+00	0.0E+00	6.8E-20	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	12.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-02	0.0E+00	4.2E-02	0.0E+00	0.0E+00	1.1E-02	0.0E+00	0.0E+00	6.1E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	15.4E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-12	0.0E+00	2.2E-10	0.0E+00	0.0E+00	2.9E-13	0.0E+00	0.0E+00	3.2E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	14.2E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.1E-07	0.0E+00	4.1E-07	0.0E+00	0.0E+00	2.2E-07	0.0E+00	0.0E+00	9.9E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Tel29	14.1E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.8E-08	0.0E+00	1.8E-05	0.0E+00	0.0E+00	2.3E-08	0.0E+00	0.0E+00	4.6E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tel29
Nb95	14.3E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.3E-14	0.0E+00	1.7E-11	0.0E+00	0.0E+00	2.3E-14	0.0E+00	0.0E+00	2.5E-20	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Cs99m	16.1E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-13	0.0E+00	2.4E-11	0.0E+00	0.0E+00	3.2E-14	0.0E+00	0.0E+00	3.6E-20	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs99m
Cs134	12.1E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.6E-07	0.0E+00	9.6E-05	0.0E+00	0.0E+00	1.2E-07	0.0E+00	0.0E+00	2.4E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	11.5E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.3E-07	0.0E+00	6.8E-05	0.0E+00	0.0E+00	8.6E-08	0.0E+00	0.0E+00	1.7E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	12.2E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-06	0.0E+00	9.9E-04	0.0E+00	0.0E+00	1.3E-06	0.0E+00	0.0E+00	2.5E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	12.2E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-06	0.0E+00	1.0E-03	0.0E+00	0.0E+00	1.3E-06	0.0E+00	0.0E+00	2.5E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	Elev 653	U1 RHR A	U1 RHR B	U1 CS A	U1 CS B	TDCT_RM	FDCT_RM	EVAP_FMP	STRIP_RM	U2_RHR A	U2_RHR B	U2_CS A	U2_CS B	Elev 669	U2 SI A	U2 SI B	U2 TDAFW	U2 CCP A	U2 CCP B	U2 CCP C	WGDT_RM1	WGDT_RM2	Gross
Gross	15.2E-07	9.8E-09	9.8E-09	9.8E-09	9.8E-09	3.1E-08	2.4E-08	4.3E-08	8.5E-08	9.8E-09	9.8E-09	9.8E-09	9.8E-09	1.1E-05	2.6E-07	2.6E-07	2.6E-07	2.6E-07	2.6E-07	2.6E-07	2.3E-07	2.3E-07	Gross
Kr85m	1.2E-08	4.2E-10	4.2E-10	4.2E-10	4.2E-10	1.4E-09	1.0E-09	1.9E-09	3.7E-09	4.2E-10	4.2E-10	4.2E-10	4.2E-10	5.0E-07	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	9.7E-09	9.7E-09	Kr85m
Kr87	1.1E-08	2.0E-10	2.0E-10	2.0E-10	2.0E-10	6.6E-10	5.0E-10	9.0E-10	1.8E-09	2.0E-10	2.0E-10	2.0E-10	2.0E-10	2.4E-07	5.4E-09	5.4E-09	5.4E-09	5.4E-09	5.4E-09	5.4E-09	4.7E-09	4.7E-09	Kr87
Kr88	4.5E-08	8.5E-10	8.5E-10	8.5E-10	8.5E-10	2.7E-09	2.1E-09	3.7E-09	7.4E-09	8.5E-10	8.5E-10	8.5E-10	8.5E-10	9.9E-07	2.3E-08	2.3E-08	2.3E-08	2.3E-08	2.3E-08	2.3E-08	2.0E-08	2.0E-08	Kr88
Xel133	3.1E-07	5.9E-09	5.9E-09	5.9E-09	5.9E-09	1.9E-08	1.4E-08	2.6E-08	5.1E-08	5.9E-09	5.9E-09	5.9E-09	5.9E-09	6.9E-06	1.6E-07	1.6E-07	1.6E-07	1.6E-07	1.6E-07	1.6E-07	1.4E-07	1.4E-07	Xel133
Xel133m	9.9E-09	1.8E-10	1.8E-10	1.8E-10	1.8E-10	5.9E-10	4.5E-10	1.6E-09	1.8E-10	1.8E-10	1.8E-10	1.8E-10	1.8E-10	2.2E-07	4.9E-09	4.9E-09	4.9E-09	4.9E-09	4.9E-09	4.9E-09	4.3E-09	4.3E-09	Xel133m
Xel135	8.5E-08	1.6E-09	1.6E-09	1.6E-09	1.6E-09	5.1E-09	3.8E-09	6.9E-09	1.4E-08	1.6E-09	1.6E-09	1.6E-09	1.6E-09	1.6E-09	4.2E-08	4.2E-08	4.2E-08	4.2E-08	4.2E-08	4.2E-08	3.7E-08	3.7E-08	Xel135
I131	2.3E-12	4.2E-14	4.2E-14	4.2E-14	4.2E-14	1.4E-13	1.0E-13	1.9E-13	3.7E-13	4.2E-14	4.2E-14	4.2E-14	4.2E-14	5.0E-11	1.1E-12	1.1E-12	1.1E-12	1.1E-12	1.1E-12	1.1E-12	9.7E-13	9.7E-13	I131
I132	1.1E-12	2.0E-14	2.0E-14	2.0E-14	2.0E-14	6.6E-14	5.0E-14	9.0E-14	1.8E-13	2.0E-14	2.0E-14	2.0E-14	2.0E-14	2.0E-11	5.4E-13	5.4E-13	5.4E-13	5.4E-13	5.4E-13	5.4E-13	4.7E-13	4.7E-13	I132
I133	4.2E-12	7.8E-14	7.8E-14	7.8E-14	7.8E-14	2.5E-13	1.9E-13	3.4E-13	6.8E-13	7.8E-14	7.8E-14	7.8E-14	7.8E-14	9.1E-11	2.1E-12	2.1E-12	2.1E-12	2.1E-12	2.1E-12	2.1E-12	1.8E-12	1.8E-12	I133
I134	3.1E-12	5.5E-15	5.5E-15	5.5E-15	5.5E-15	1.8E-14	1.3E-14	2.4E-14	4.8E-14	5.5E-15	5.5E-15	5.5E-15	5.5E-15	6.5E-12	1.5E-13	1.5E-13	1.5E-13	1.5E-13	1.5E-13	1.5E-13	1.3E-13	1.3E-13	I134
I135	3.1E-12	5.8E-14	5.8E-14	5.8E-14	5.8E-14	1.9E-13	1.4E-13	2.5E-13	5.0E-13	5.8E-14	5.8E-14	5.8E-14	5.8E-14	6.8E-11	1.5E-12	1.5E-12	1.5E-12	1.5E-12	1.5E-12	1.5E-12	1.3E-12	1.3E-12	I135
F18	2.3E-16	9.2E-18	9.2E-18	9.2E-18	9.2E-18	2.8E-17	2.2E-17	3.8E-17	7.0E-17	9.2E-18	9.2E-18	9.2E-18	9.2E-18	2.4E-15	1.2E-16	1.2E-16	1.2E-16	1.2E-16	1.2E-16	1.2E-16	1.0E-16	1.0E-16	F18
Co58	1.2E-18	9.1E-20	9.1E-20	9.1E-20	9.1E-20	2.8E-19	2.2E-19	3.8E-19	7.0E-19	9.1E-20	9.1E-20	9.1E-20	9.1E-20	2.6E-17	1.2E-18	1.2E-18	1.2E-18	1.2E-18	1.2E-18	1.2E-18	1.1E-18	1.1E-18	Co58
Co60	7.4E-19	2.7E-20	2.7E-20	2.7E-20	2.7E-20	8.3E-20	6.4E-20	1.1E-19	2.1E-19	2.7E-20	2.7E-20	2.7E-20	2.7E-20	9.2E-18	3.8E-19	3.8E-19	3.8E-19	3.8E-19	3.8E-19	3.8E-19	3.3E-19	3.3E-19	Co60
Rb88	3.4E-08	6.7E-10	6.7E-10	6.7E-10	6.7E-10	2.1E-09	1.6E-09	2.9E-09	5.8E-09	6.7E-10	6.7E-10	6.7E-10	6.7E-10	8.6E-07	1.7E-08	1.7E-08	1.7E-08	1.7E-08	1.7E-08	1.7E-08	1.5E-08	1.5E-08	Rb88
Na24	3.7E-18	1.4E-19	1.4E-19	1.4E-19	1.4E-19	4.5E-19	3.4E-19	6.0E-19	1.1E-18	1.4E-19	1.4E-19	1.4E-19	1.4E-19	3.8E-17	1.9E-18	1.9E-18	1.9E-18	1.9E-18	1.9E-18	1.9E-18	1.6E-18	1.6E-18	Na24
Ar41	2.8E-12	1.1E-13	1.1E-13	1.1E-13	1.1E-13	3.5E-13	2.7E-13	4.6E-13	8.6E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	3.0E-11	1.4E-12	1.4E-12	1.4E-12	1.4E-12	1.4E-12	1.4E-12	1.3E-12	1.3E-12	Ar41
Te129	4.0E-14	7.4E-16	7.4E-16	7.4E-16	7.4E-16	2.4E-15	1.8E-15	3.3E-15	6.7E-15	7.4E-16	7.4E-16	7.4E-16	7.4E-16	8.7E-13	2.0E-14	2.0E-14	2.0E-14	2.0E-14	2.0E-14	2.0E-14	1.7E-14	1.7E-14	Te129
Nb95	2.9E-19	1.1E-20	1.1E-20	1.1E-20	1.1E-20	3.5E-20	2.7E-20	4.7E-20	9.5E-20	1.1E-20	1.1E-20	1.1E-20	1.1E-20	3.0E-18	1.5E-19	1.5E-19	1.5E-19	1.5E-19	1.5E-19	1.5E-19	1.3E-19	1.3E-19	Nb95
Tc99m	4.1E-19	1.6E-20	1.6E-20	1.6E-20	1.6E-20	5.0E-20	3.8E-20	6.7E-20	1.2E-19	1.6E-20	1.6E-20	1.6E-20	1.6E-20	4.3E-18	2.1E-19	2.1E-19	2.1E-19	2.1E-19	2.1E-19	2.1E-19	1.8E-19	1.8E-19	Tc99m
Cs134	2.1E-13	3.9E-15	3.9E-15	3.9E-15	3.9E-15	1.2E-14	9.5E-15	1.7E-14	3.4E-14	3.9E-15	3.9E-15	3.9E-15	3.9E-15	4.6E-12	1.0E-13	1.0E-13	1.0E-13	1.0E-13	1.0E-13	1.0E-13	9.0E-14	9.0E-14	Cs134
Cs137	1.5E-13	2.7E-15	2.7E-15	2.7E-15	2.7E-15	8.8E-15	6.7E-15	1.2E-14	2.4E-14	2.7E-15	2.7E-15	2.7E-15	2.7E-15	3.2E-12	7.3E-14	7.3E-14	7.3E-14	7.3E-14	7.3E-14	7.3E-14	6.3E-14	6.3E-14	Cs137
Ba140	2.2E-12	4.0E-14	4.0E-14	4.0E-14	4.0E-14	1.3E-13	9.8E-14	1.8E-13	3.5E-13	4.0E-14	4.0E-14	4.0E-14	4.0E-14	4.7E-11	1.1E-12	1.1E-12	1.1E-12	1.1E-12	1.1E-12	1.1E-12	9.3E-13	9.3E-13	Ba140
La140	2.2E-12	4.0E-14	4.0E-14	4.0E-14	4.0E-14	1.3E-13	9.8E-14	1.8E-13	3.5E-13	4.0E-14	4.0E-14	4.0E-14	4.0E-14	4.7E-11	1.1E-12	1.1E-12	1.1E-12	1.1E-12	1.1E-12	1.1E-12	9.3E-13	9.3E-13	La140
Pr146	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1 SI A	U1 SI B	U1 TDAFW	U1 CCP A	U1 CCP B	U1 CCP C	HUT A_RM	HUT B_RM	BA EVAP1	BA EVAP2	SPARE669	U1Pen669	U2Pen669	Elev 706	U1 UHI	U2 UHI	U1 PASF	U2 PASF	CASKdcon	RoadBay	WPKgArea	CDWE_Bdg	Gross
Gross	2.6E-07	2.6E-07	1.8E-06	2.6E-07	2.6E-07	2.6E-07	6.7E-07	6.7E-07	5.3E-08	5.3E-08	6.7E-07	9.6E-08	9.6E-08	2.1E-05	3.3E-10	3.3E-10	4.2E-06	4.2E-06	9.3E-06	1.7E-04	1.9E-05	3.3E-07	Gross
Kr85m	1.1E-08	1.1E-08	7.9E-08	1.1E-08	1.1E-08	1.1E-08	2.9E-08	2.9E-08	2.3E-09	2.3E-09	2.9E-08	4.2E-09	4.2E-09	8.9E-07	1.4E-11	1.4E-11	1.8E-07	1.8E-07	4.0E-07	7.3E-06	8.2E-07	1.4E-08	Kr85m
Kr87	5.4E-09	5.4E-09	3.8E-08	5.4E-09	5.4E-09	5.4E-09	1.4E-08	1.4E-08	1.1E-09	1.1E-09	1.4E-08	2.0E-09	2.0E-09	4.3E-07	7.0E-12	7.0E-12	8.8E-08	8.8E-08	2.0E-07	3.6E-06	4.0E-07	6.8E-09	Kr87
Kr88	2.3E-08	2.3E-08	1.6E-07	2.3E-08	2.3E-08	2.3E-08	5.8E-08	5.8E-08	4.6E-09	4.6E-09	5.8E-08	8.4E-09	8.4E-09	1.8E-06	2.9E-11	2.9E-11	3.6E-07	3.6E-07	8.1E-07	1.5E-05	1.6E-06	2.8E-08	Kr88
Xel133	1.6E-07	1.6E-07	1.1E-06	1.6E-07	1.6E-07	1.6E-07	4.0E-07	4.0E-07	3.2E-08	3.2E-08	4.0E-07	5.8E-08	5.8E-08	1.2E-05	2.0E-10	2.0E-10	2.5E-06	2.5E-06	5.6E-06	1.0E-04	1.1E-05	2.0E-07	Xel133
Xel133m	4.9E-09	4.9E-09	3.5E-08	4.9E-09	4.9E-09	4.9E-09	1.3E-08	1.3E-08	1.0E-09	1.0E-09	1.3E-08	1.8E-09	1.8E-09	3.9E-07	6.3E-12	6.3E-12	7.9E-08	7.9E-08	1.8E-07	3.2E-06	3.6E-07	6.2E-09	Xel133m
Xel135	4.2E-08	4.2E-08	3.0E-07	4.2E-08	4.2E-08	4.2E-08	1.1E-07	1.1E-07	8.6E-09	8.6E-09	1.1E-07	1.6E-08	1.6E-08	3.3E-06	5.4E-11	5.4E-11	6.7E-07	6.7E-07	1.5E-06	2.8E-05	3.1E-06	5.2E-08	Xel135
I131	1.1E-12	1.1E-12	7.9E-12	1.1E-12	1.1E-12	1.1E-12	2.9E-12	2.9E-12	2.3E-13	2.3E-13	2.9E-12	4.2E-13	4.2E-13	8.9E-11	1.4E-15	1.4E-15	1.8E-11	1.8E-11	4.0E-11	7.3E-10	8.2E-11	1.4E-12	I131
I132	5.4E-13	5.4E-13	3.8E-12	5.4E-13	5.4E-13	5.4E-13	1.4E-12	1.4E-12	1.1E-13	1.1E-13	1.4E-12	2.0E-13	2.0E-13	7.0E-16	7.0E-16	7.0E-16	8.8E-12	8.8E-12	2.0E-11	3.6E-10	4.0E-11	6.8E-13	I132
I133	2.1E-12	2.1E-12	1.5E-11	2.1E-12	2.1E-12	2.1E-12	5.3E-12	5.3E-12	4.2E-13	4.2E-13	5.3E-12	7.7E-13	7.7E-13	1.6E-10	2.7E-15	2.7E-15	3.3E-11	3.3E-11	7.4E-11	1.4E-09	1.5E-10	2.6E-12	I133
I134	1.5E-13	1.5E-13	1.0E-12	1.5E-13	1.5E-13	1.5E-13	3.8E-13	3.8E-13	3.0E-14	3.0E-14	3.8E-13	5.4E-14	5.4E-14	1.2E-11	1.9E-16	1.9E-16	2.4E-12	2.4E-12	5.2E-12	9.6E-11	1.1E-11	1.8E-13	I134
I135	1.5E-12	1.5E-12	1.1E-11	1.5E-12	1.5E-12	1.5E-12	4.0E-12	4.0E-12	3.1E-13	3.1E-13	4.0E-12	5.7E-13	5.7E-13	1.2E-10	2.0E-15	2.0E-15	2.5E-11	2.5E-11	5.5E-11	1.0E-09	1.1E-10	1.9E-12	I135
F18	1.2E-16	1.2E-16	7.4E-16	1.2E-16	1.2E-16	1.2E-16	3.0E-16	3.0E-16	2.5E-17	2.5E-17	3.0E-16	4.5E-17	4.5E-17	6.2E-15	2.7E-19	2.7E-19	2.6E-15	2.6E-15	3.1E-15	1.9E-14	5.8E-15	2.5E-16	F18
Co58	1.2E-18	1.2E-18	7.6E-18	1.2E-18	1.2E-18	1.2E-18	3.0E-18	3.0E-18	2.5E-19	2.5E-19	3.0E-18	4.6E-19	4.6E-19	6.5E-17	2.7E-21	2.7E-21	2.6E-17	2.6E-17	3.3E-17	2.3E-16	6.1E-17	2.5E-18	Co58
Co60	3.8E-19	3.8E-19	2.4E-18	3.8E-19	3.8E-19	3.8E-19	9.5E-19	9.5E-19	7.8E-20	7.8E-20	9.5E-19	1.4E-19	1.4E-19	2.1E-17	7.9E-22	7.9E-22	7.9E-18	7.9E-18	1.1E-17	9.2E-17	2.0E-17	7.4E-19	Co60
Rb88	1.7E-08	1.7E-08	1.2E-07	1.7E-08	1.7E-08	1.7E-08																	

Elev 653		U1 RHR A	U1 RHR B	U1 CS A	U1 CS B	TDCT RM	FDCR RM	EVAP PMP	STRIP RM	U2 RHR A	U2 RHR B	U2 CS A	U2 CS B	Elev 669	U2 SI A	U2 SI B	U2 TDAFW	U2 CCP A	U2 CCP B	U2 CCP C	WGDT RM1	WGDT RM2	Gross	
Gross	11.2E-04	2.1E-05	2.1E-05	2.1E-06	2.1E-06	6.8E-06	5.2E-06	9.4E-06	1.9E-05	2.1E-06	2.1E-06	2.1E-06	2.1E-06	2.6E-03	5.9E-05	5.9E-05	5.9E-05	5.9E-05	5.9E-05	5.9E-05	5.1E-05	5.1E-05	Gross	
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m	
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87	
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88	
Xel133	12.6E-11	3.8E-13	3.8E-13	3.8E-13	3.8E-13	1.2E-12	9.3E-13	1.7E-12	3.4E-12	3.8E-13	3.8E-13	3.8E-13	3.8E-13	8.0E-10	1.3E-11	1.3E-11	1.3E-11	1.3E-11	1.3E-11	1.3E-11	1.3E-11	1.1E-11	Xel133	
Xel133m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m	
Xel135	12.6E-10	3.8E-12	3.8E-12	3.8E-12	3.8E-12	1.2E-11	9.4E-12	1.7E-11	3.4E-11	3.8E-12	3.8E-12	3.8E-12	3.8E-12	8.1E-09	1.3E-10	1.3E-10	1.3E-10	1.3E-10	1.3E-10	1.3E-10	1.1E-10	1.1E-10	Xel135	
I131	11.1E-08	1.8E-10	1.8E-10	1.8E-10	1.8E-10	5.8E-10	4.4E-10	8.0E-10	1.6E-09	1.8E-10	1.8E-10	1.8E-10	1.8E-10	3.3E-07	5.6E-09	5.6E-09	5.6E-09	5.6E-09	5.6E-09	5.6E-09	4.8E-09	4.8E-09	I131	
I132	15.4E-09	8.8E-11	8.8E-11	8.8E-11	8.8E-11	2.8E-10	2.2E-10	3.9E-10	7.8E-10	8.8E-11	8.8E-11	8.8E-11	8.8E-11	1.5E-07	2.7E-09	2.7E-09	2.7E-09	2.7E-09	2.7E-09	2.7E-09	2.3E-09	2.3E-09	I132	
I133	12.1E-08	3.3E-10	3.3E-10	3.3E-10	3.3E-10	1.1E-09	8.2E-10	1.5E-09	3.0E-09	3.3E-10	3.3E-10	3.3E-10	3.3E-10	5.5E-07	1.0E-08	1.0E-08	1.0E-08	1.0E-08	1.0E-08	1.0E-08	8.9E-09	8.9E-09	I133	
I134	11.5E-09	2.4E-11	2.4E-11	2.4E-11	2.4E-11	7.6E-11	5.8E-11	1.0E-10	2.1E-10	2.4E-11	2.4E-11	2.4E-11	2.4E-11	3.9E-08	7.3E-10	7.3E-10	7.3E-10	7.3E-10	7.3E-10	7.3E-10	6.3E-10	6.3E-10	I134	
I135	11.5E-08	2.5E-10	2.5E-10	2.5E-10	2.5E-10	8.0E-10	6.1E-10	1.1E-09	2.2E-09	2.5E-10	2.5E-10	2.5E-10	2.5E-10	4.1E-07	7.6E-09	7.6E-09	7.6E-09	7.6E-09	7.6E-09	7.6E-09	6.6E-09	6.6E-09	I135	
F18	12.5E-12	8.1E-14	8.1E-14	8.1E-14	8.1E-14	2.5E-13	1.9E-13	3.4E-13	6.4E-13	8.1E-14	8.1E-14	8.1E-14	8.1E-14	3.2E-11	1.3E-12	1.3E-12	1.3E-12	1.3E-12	1.3E-12	1.3E-12	1.1E-12	1.1E-12	F18	
Co58	12.5E-14	7.9E-16	7.9E-16	7.9E-16	7.9E-16	2.5E-15	1.9E-15	3.3E-15	6.3E-15	7.9E-16	7.9E-16	7.9E-16	7.9E-16	3.3E-13	1.2E-14	1.2E-14	1.2E-14	1.2E-14	1.2E-14	1.2E-14	1.1E-14	1.1E-14	Co58	
Co60	17.2E-15	2.2E-16	2.2E-16	2.2E-16	2.2E-16	7.0E-16	5.4E-16	9.5E-16	1.8E-15	2.2E-16	2.2E-16	2.2E-16	2.2E-16	1.0E-13	3.6E-15	3.6E-15	3.6E-15	3.6E-15	3.6E-15	3.6E-15	3.2E-15	3.2E-15	Co60	
Rb88	19.7E-05	1.7E-06	1.7E-06	1.7E-06	1.7E-06	5.6E-06	4.3E-06	7.7E-06	1.5E-05	1.7E-06	1.7E-06	1.7E-06	1.7E-06	2.2E-03	4.8E-05	4.8E-05	4.8E-05	4.8E-05	4.8E-05	4.8E-05	4.2E-05	4.2E-05	Rb88	
Na24	13.9E-14	1.3E-15	1.3E-15	1.3E-15	1.3E-15	4.0E-15	3.0E-15	5.4E-15	1.0E-14	1.3E-15	1.3E-15	1.3E-15	1.3E-15	5.1E-13	2.0E-14	2.0E-14	2.0E-14	2.0E-14	2.0E-14	2.0E-14	1.7E-14	1.7E-14	Na24	
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41	
Te129	12.0E-10	3.2E-12	3.2E-12	3.2E-12	3.2E-12	1.0E-11	7.8E-12	1.4E-11	2.8E-11	3.2E-12	3.2E-12	3.2E-12	3.2E-12	5.3E-09	9.8E-11	9.8E-11	9.8E-11	9.8E-11	9.8E-11	9.8E-11	8.5E-11	8.5E-11	Te129	
Nb95	13.1E-15	1.0E-16	1.0E-16	1.0E-16	1.0E-16	3.1E-16	2.4E-16	4.2E-16	7.9E-16	1.0E-16	1.0E-16	1.0E-16	1.0E-16	4.0E-14	1.5E-15	1.5E-15	1.5E-15	1.5E-15	1.5E-15	1.5E-15	1.3E-15	1.3E-15	Nb95	
Tc99m	14.4E-15	1.4E-16	1.4E-16	1.4E-16	1.4E-16	4.4E-16	3.4E-16	6.0E-16	1.1E-15	1.4E-16	1.4E-16	1.4E-16	1.4E-16	7.5E-14	2.2E-15	2.2E-15	2.2E-15	2.2E-15	2.2E-15	2.2E-15	1.9E-15	1.9E-15	Tc99m	
Cs134	11.0E-09	1.7E-11	1.7E-11	1.7E-11	1.7E-11	5.4E-11	4.1E-11	7.4E-11	1.5E-10	1.7E-11	1.7E-11	1.7E-11	1.7E-11	2.8E-08	5.1E-10	5.1E-10	5.1E-10	5.1E-10	5.1E-10	5.1E-10	4.5E-10	4.5E-10	Cs134	
Cs137	17.3E-10	1.2E-11	1.2E-11	1.2E-11	1.2E-11	3.8E-11	2.9E-11	5.2E-11	1.0E-10	1.2E-11	1.2E-11	1.2E-11	1.2E-11	1.9E-08	3.6E-10	3.6E-10	3.6E-10	3.6E-10	3.6E-10	3.6E-10	3.1E-10	3.1E-10	Cs137	
Ba140	11.1E-08	1.7E-10	1.7E-10	1.7E-10	1.7E-10	5.6E-10	4.2E-10	7.7E-10	1.5E-09	1.7E-10	1.7E-10	1.7E-10	1.7E-10	2.9E-07	5.3E-09	5.3E-09	5.3E-09	5.3E-09	5.3E-09	5.3E-09	4.6E-09	4.6E-09	Ba140	
La140	11.1E-08	1.7E-10	1.7E-10	1.7E-10	1.7E-10	5.6E-10	4.2E-10	7.7E-10	1.5E-09	1.7E-10	1.7E-10	1.7E-10	1.7E-10	2.9E-07	5.3E-09	5.3E-09	5.3E-09	5.3E-09	5.3E-09	5.3E-09	4.6E-09	4.6E-09	La140	
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146	
Elev 690		U1 SI A	U1 SI B	U1 TDAFW	U1 CCP A	U1 CCP B	U1 CCP C	HUT A RM	HUT B RM	BA EVAP1	BA EVAP2	SPARE669	U1Pen669	U2Pen669	Elev 706	U1 UHI	U2 UHI	U1 PASF	U2 PASF	CASKdcon	R3RoadBay	WPKgArea	CDWE Bdg	Gross
Gross	15.9E-05	5.9E-05	4.2E-04	5.9E-05	5.9E-05	5.9E-05	5.9E-05	1.5E-04	1.5E-04	1.2E-05	1.2E-05	1.5E-04	2.2E-05	2.2E-05	4.7E-03	4.9E-08	4.9E-08	4.9E-08	4.9E-08	4.9E-08	4.9E-08	4.4E-03	4.4E-03	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	11.3E-11	1.3E-11	1.3E-11	1.3E-11	1.3E-11	3.4E-11	3.4E-11	2.6E-12	2.6E-12	3.4E-11	3.4E-11	4.8E-12	4.8E-12	9.7E-10	7.1E-15	7.1E-15	1.6E-10	1.6E-10	1.6E-10	1.6E-10	1.4E-08	9.0E-10	1.2E-11	Xel133
Xel133m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel135	11.3E-10	1.3E-10	1.3E-10	1.3E-10	1.3E-10	3.4E-10	3.4E-10	2.6E-11	2.6E-11	3.4E-10	3.4E-10	4.8E-11	4.8E-11	9.8E-09	7.2E-14	7.2E-14	1.6E-09	1.6E-09	1.6E-09	1.6E-09	1.4E-07	9.1E-09	1.2E-10	Xel135
I131	15.6E-09	5.6E-09	4.0E-08	5.6E-09	5.6E-09	5.6E-09	5.6E-09	1.4E-08	1.4E-08	1.1E-09	1.1E-09	1.4E-08	1.4E-08	2.1E-09	4.3E-07	3.8E-12	3.8E-12	7.7E-08	7.7E-08	2.0E-07	4.8E-06	4.0E-07	5.8E-09	I131
I132	12.7E-09	2.7E-09	1.9E-08	2.7E-09	2.7E-09	2.7E-09	2.7E-09	7.0E-09	7.0E-09	5.5E-10	5.5E-10	7.0E-09	7.0E-09	1.0E-09	2.1E-07	1.9E-12	1.9E-12	3.7E-08	3.7E-08	9.8E-08	2.3E-06	1.9E-07	2.8E-09	I132
I133	11.0E-08	1.0E-08	7.4E-08	1.0E-08	1.0E-08	1.0E-08	1.0E-08	2.7E-08	2.7E-08	2.1E-09	2.1E-09	2.7E-08	2.7E-08	3.8E-09	8.0E-07	7.0E-12	7.0E-12	1.4E-07	1.4E-07	3.7E-07	8.9E-06	7.4E-07	1.1E-08	I133
I134	17.3E-10	7.3E-10	5.2E-09	7.3E-10	7.3E-10	7.3E-10	7.3E-10	1.9E-09	1.9E-09	1.5E-10	1.5E-10	1.9E-09	1.9E-09	2.7E-10	5.6E-08	5.0E-13	5.0E-13	1.0E-08	1.0E-08	2.6E-08	6.3E-07	5.2E-08	7.6E-10	I134
I135	17.6E-09	7.6E-09	5.5E-08	7.6E-09	7.6E-09	7.6E-09	7.6E-09	2.0E-08	2.0E-08	1.5E-09	1.5E-09	2.0E-08	2.0E-08	2.8E-09	5.9E-07	5.2E-12	5.2E-12	1.0E-07	1.0E-07	2.8E-07	6.6E-06	5.5E-07	8.0E-09	I135
F18	11.3E-12	1.3E-12	8.1E-12	1.3E-12	1.3E-12	1.3E-12	1.3E-12	3.2E-12	3.2E-12	2.6E-13	2.6E-13	3.2E-12	3.2E-12	4.7E-13	7.7E-11	2.3E-15	2.3E-15	2.7E-11	2.7E-11	3.7E-11	3.3E-10	7.2E-11	2.4E-12	F18
Co58	11.2E-14	1.2E-14	8.1E-14	1.2E-14	1.2E-14	1.2E-14	1.2E-14	3.1E-14	3.1E-14	2.6E-15	2.6E-15	3.1E-14	3.1E-14	4.6E-15	7.7E-13	2.3E-17	2.3E-17	2.6E-13	2.6E-13	3.7E-13	3.5E-12	7.2E-13	2.4E-14	Co58
Co60	13.6E-15	3.6E-15	2.4E-14	3.6E-15	3.6E-15	3.6E-15	3.6E-15	9.2E-15	9.2E-15	7.4E-16	7.4E-16	9.2E-												

	U1 RCS	U1 Ucnmt	U1 Lcnmt	U1 Sump	U1 SG 1	U1 SG 2	U1 SG 3	U1 SG 4	SGBD Mix	SI 1A HL	SI 1B HL	SI 1 CL	CVCS Pmp	Letdown	VCT	RHR1A HL	RHR1B HL	RHR1A CL	RHR1B CL	U1 CS A	U1 CS B	U1 CCS	Gross
Gross	1.1E+04	1.7E-01	1.1E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.1E-06	8.5E-02	7.9E-02	3.3E-02	1.1E+04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	1.1E+02	7.1E-03	4.7E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.2E-08	8.5E-04	7.9E-04	3.3E-04	1.2E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m	
Kr87	5.3E+01	3.1E-03	2.1E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E-08	1.6E-04	1.5E-04	6.4E-05	5.4E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87	
Kr88	12.4E+02	1.4E-02	9.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-07	1.3E-03	1.2E-03	5.3E-04	2.4E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88	
Xe133	11.8E+03	1.0E-01	6.8E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.9E-06	2.0E-02	1.8E-02	7.8E-03	1.8E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133	
Xe133m	5.5E+01	3.2E-03	2.1E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-06	1.1E-02	1.0E-02	4.4E-03	5.5E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m	
Xe135	5.8E+02	2.8E-02	2.1E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-06	1.1E-02	1.1E-02	4.5E-03	5.9E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135	
I131	8.4E+02	1.5E-04	9.7E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-08	4.6E-04	4.3E-04	1.8E-04	8.5E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131	
I132	3.8E+02	6.6E-05	4.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-07	1.5E-03	1.4E-03	6.1E-04	3.8E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132	
I133	1.5E+03	2.7E-04	1.8E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.4E-07	3.6E-03	3.3E-03	1.4E-03	1.5E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133	
I134	9.0E+01	1.6E-05	1.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.4E-08	3.6E-04	3.3E-04	1.4E-04	9.0E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134	
I135	1.1E+03	2.0E-04	1.3E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.0E-07	4.1E-03	3.8E-03	1.6E-03	1.1E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135	
F18	5.2E-03	1.2E-08	5.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-06	2.2E-02	2.0E-02	8.7E-03	5.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18	
Co58	2.0E-04	2.7E-10	2.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-08	4.7E-04	4.4E-04	1.9E-04	2.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58	
Co60	1.2E-04	8.5E-11	1.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-08	1.3E-04	1.2E-04	5.1E-05	1.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60	
Rb88	2.3E+02	1.2E-02	4.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-07	1.3E-03	1.2E-03	5.2E-04	2.3E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88	
Na24	1.8E-04	4.1E-10	2.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.3E-08	7.5E-04	7.0E-04	3.0E-04	1.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24	
Ar41	9.3E-04	7.1E-07	3.6E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.8E-07	4.0E-03	3.7E-03	1.6E-03	9.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41	
Te129	12.5E+01	4.5E-06	2.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.6E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129	
Nb95	1.4E-05	3.2E-11	1.6E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.8E-09	6.0E-05	5.6E-05	2.4E-05	1.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95	
Tc99m	12.0E-05	4.6E-11	2.3E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.2E-09	8.5E-05	7.9E-05	3.4E-05	2.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m	
Cs134	2.6E+02	2.7E-05	1.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134	
Cs137	1.1E+02	1.9E-05	1.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137	
Ba140	1.6E+03	2.8E-04	1.9E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140	
La140	1.6E+03	2.8E-04	1.9E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140	
Pr146	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146	
	Outside	River	ERCW 1A	ERCW 1B	ERCW 2A	ERCW 2B	EGTS A	EGTS B	Annulus1	Annulus2	WGDTEff1	SHLDblid1	SHLDblid2	AB VENT	ABGTS A	ABGTS B	PURGE A	PURGE B				Gross	
Gross	6.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E+00	0.0E+00	6.2E-01	0.0E+00	0.0E+00	3.2E-01	0.0E+00	0.0E+00	4.8E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross	
Kr85m	1.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.0E-02	0.0E+00	2.5E-02	0.0E+00	0.0E+00	1.4E-02	0.0E+00	0.0E+00	2.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m	
Kr87	1.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.2E-02	0.0E+00	1.1E-02	0.0E+00	0.0E+00	6.2E-03	0.0E+00	0.0E+00	9.3E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87	
Kr88	5.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.9E-02	0.0E+00	5.0E-02	0.0E+00	0.0E+00	2.7E-02	0.0E+00	0.0E+00	4.2E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88	
Xe133	4.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.3E-01	0.0E+00	3.0E-01	0.0E+00	0.0E+00	2.0E-01	0.0E+00	0.0E+00	3.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133	
Xe133m	1.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.3E-02	0.0E+00	1.1E-02	0.0E+00	0.0E+00	6.3E-03	0.0E+00	0.0E+00	9.6E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m	
Xe135	1.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-01	0.0E+00	1.0E-01	0.0E+00	0.0E+00	5.6E-02	0.0E+00	0.0E+00	8.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135	
I131	2.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.2E-06	0.0E+00	5.3E-04	0.0E+00	0.0E+00	1.4E-06	0.0E+00	0.0E+00	1.1E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131	
I132	1.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.3E-06	0.0E+00	2.4E-04	0.0E+00	0.0E+00	6.5E-07	0.0E+00	0.0E+00	5.0E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132	
I133	5.2E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.5E-06	0.0E+00	9.6E-04	0.0E+00	0.0E+00	2.7E-06	0.0E+00	0.0E+00	2.0E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133	
I134	3.0E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.6E-07	0.0E+00	5.6E-05	0.0E+00	0.0E+00	1.5E-07	0.0E+00	0.0E+00	1.2E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134	
I135	3.9E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.9E-06	0.0E+00	7.0E-04	0.0E+00	0.0E+00	1.9E-06	0.0E+00	0.0E+00	1.5E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135	
F18	3.5E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.3E-11	0.0E+00	6.3E-09	0.0E+00	0.0E+00	1.7E-11	0.0E+00	0.0E+00	4.7E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18	
Co58	3.5E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.5E-13	0.0E+00	1.9E-10	0.0E+00	0.0E+00	2.7E-13	0.0E+00	0.0E+00	2.8E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58	
Co60	2.6E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.7E-13	0.0E+00	9.5E-11	0.0E+00	0.0E+00	1.3E-13	0.0E+00	0.0E+00	9.9E-20	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60	
Rb88	2.8E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.9E-02	0.0E+00	4.3E-02	0.0E+00	0.0E+00	1.1E-02	0.0E+00	0.0E+00	1.2E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88	
Na24	5.9E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-12	0.0E+00	2.1E-10	0.0E+00	0.0E+00	3.0E-13	0.0E+00	0.0E+00	4.0E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24	
Ar41	4.2E-10	0.0E+00	0.0E+00	0.																			

	Elev 653	U1_RHR A	U1_RHR B	U1_CS A	U1_CS B	TDCT RM	FDCT RM	EVAP_FMP	STRIP_RM	U2_RHR A	U2_RHR B	U2_CS A	U2_CS B	Elev 669	U2_SI A	U2_SI B	U2_TDAFW	U2_CCP A	U2_CCP B	U2_CCP C	WGDT_RM1	WGDT_RM2	
Gross	1.1E-06	2.4E-08	2.4E-08	2.4E-08	2.4E-08	7.7E-08	5.9E-08	1.1E-07	2.1E-07	2.4E-08	2.4E-08	2.4E-08	2.4E-08	1.9E-05	5.3E-07	5.3E-07	5.3E-07	5.3E-07	5.3E-07	5.3E-07	4.6E-07	4.6E-07	Gross
Kr85m	14.5E-08	1.0E-09	1.0E-09	1.0E-09	1.0E-09	3.2E-09	2.5E-09	4.4E-09	8.6E-09	1.0E-09	1.0E-09	1.0E-09	1.0E-09	8.1E-07	2.2E-08	2.2E-08	2.2E-08	2.2E-08	2.2E-08	2.2E-08	1.9E-08	1.9E-08	Kr85m
Kr87	12.0E-08	4.5E-10	4.5E-10	4.5E-10	4.5E-10	1.4E-09	1.1E-09	1.9E-09	3.9E-09	4.5E-10	4.5E-10	4.5E-10	4.5E-10	3.6E-07	9.8E-09	9.8E-09	9.8E-09	9.8E-09	9.8E-09	9.8E-09	8.6E-09	8.6E-09	Kr87
Kr88	8.8E-08	2.0E-09	2.0E-09	2.0E-09	2.0E-09	6.3E-09	4.8E-09	8.7E-09	1.7E-08	2.0E-09	2.0E-09	2.0E-09	2.0E-09	1.6E-06	4.4E-08	4.4E-08	4.4E-08	4.4E-08	4.4E-08	4.4E-08	3.8E-08	3.8E-08	Kr88
Xel133	16.5E-07	1.5E-08	1.5E-08	1.5E-08	1.5E-08	4.7E-08	3.6E-08	6.4E-08	1.2E-07	1.5E-08	1.5E-08	1.5E-08	1.5E-08	1.2E-05	3.2E-07	3.2E-07	3.2E-07	3.2E-07	3.2E-07	3.2E-07	2.8E-07	2.8E-07	Xel133
Xel133m	2.0E-08	4.6E-10	4.6E-10	4.6E-10	4.6E-10	1.5E-09	1.1E-09	2.0E-09	3.9E-09	4.6E-10	4.6E-10	4.6E-10	4.6E-10	3.7E-07	1.0E-08	1.0E-08	1.0E-08	1.0E-08	1.0E-08	1.0E-08	8.8E-09	8.8E-09	Xel133m
Xel135	1.7E-07	3.9E-09	3.9E-09	3.9E-09	3.9E-09	1.2E-08	9.5E-09	1.7E-08	3.3E-08	3.9E-09	3.9E-09	3.9E-09	3.9E-09	3.1E-06	8.6E-08	8.6E-08	8.6E-08	8.6E-08	8.6E-08	8.6E-08	7.5E-08	7.5E-08	Xel135
I131	14.6E-12	1.1E-13	1.1E-13	1.1E-13	1.1E-13	3.4E-13	2.6E-13	4.6E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	3.8E-11	1.0E-12	1.0E-12	1.0E-12	1.0E-12	1.0E-12	1.0E-12	2.0E-12	2.0E-12	I131
I132	12.1E-12	4.7E-14	4.7E-14	4.7E-14	4.7E-14	1.5E-13	1.2E-13	2.1E-13	4.0E-13	4.7E-14	4.7E-14	4.7E-14	4.7E-14	3.8E-11	1.0E-12	1.0E-12	1.0E-12	1.0E-12	1.0E-12	1.0E-12	9.1E-13	9.1E-13	I132
I133	18.5E-12	1.9E-13	1.9E-13	1.9E-13	1.9E-13	6.2E-13	4.7E-13	8.4E-13	1.6E-12	1.9E-13	1.9E-13	1.9E-13	1.9E-13	1.5E-10	4.2E-12	4.2E-12	4.2E-12	4.2E-12	4.2E-12	4.2E-12	3.7E-12	3.7E-12	I133
I134	15.0E-13	1.1E-14	1.1E-14	1.1E-14	1.1E-14	3.6E-14	2.7E-14	4.9E-14	9.6E-14	1.1E-14	1.1E-14	1.1E-14	1.1E-14	8.9E-12	2.5E-13	2.5E-13	2.5E-13	2.5E-13	2.5E-13	2.5E-13	2.2E-13	2.2E-13	I134
I135	16.2E-12	1.4E-13	1.4E-13	1.4E-13	1.4E-13	4.5E-13	3.4E-13	6.1E-13	1.2E-12	1.4E-13	1.4E-13	1.4E-13	1.4E-13	1.1E-10	3.1E-12	3.1E-12	3.1E-12	3.1E-12	3.1E-12	3.1E-12	2.7E-12	2.7E-12	I135
F18	13.0E-16	1.3E-17	1.3E-17	1.3E-17	1.3E-17	3.9E-17	3.0E-17	5.2E-17	9.5E-17	1.3E-17	1.3E-17	1.3E-17	1.3E-17	2.8E-15	1.5E-16	1.5E-16	1.5E-16	1.5E-16	1.5E-16	1.5E-16	1.3E-16	1.3E-16	F18
Co58	13.4E-18	1.4E-19	1.4E-19	1.4E-19	1.4E-19	4.4E-19	3.4E-19	5.8E-19	1.1E-18	1.4E-19	1.4E-19	1.4E-19	1.4E-19	3.5E-17	1.7E-18	1.7E-18	1.7E-18	1.7E-18	1.7E-18	1.7E-18	1.5E-18	1.5E-18	Co58
Co60	11.1E-18	4.3E-20	4.3E-20	4.3E-20	4.3E-20	1.3E-19	1.0E-19	1.8E-19	3.3E-19	4.3E-20	4.3E-20	4.3E-20	4.3E-20	1.3E-17	5.7E-19	5.7E-19	5.7E-19	5.7E-19	5.7E-19	5.7E-19	4.9E-19	4.9E-19	Co60
Rb88	17.0E-08	1.7E-09	1.7E-09	1.7E-09	1.7E-09	5.3E-09	4.0E-09	7.2E-09	1.4E-08	1.7E-09	1.7E-09	1.7E-09	1.7E-09	1.2E-06	3.5E-08	3.5E-08	3.5E-08	3.5E-08	3.5E-08	3.5E-08	3.0E-08	3.0E-08	Rb88
Na24	15.0E-18	2.2E-19	2.2E-19	2.2E-19	2.2E-19	6.7E-19	5.2E-19	8.9E-19	1.6E-18	2.2E-19	2.2E-19	2.2E-19	2.2E-19	4.8E-17	2.6E-18	2.6E-18	2.6E-18	2.6E-18	2.6E-18	2.6E-18	2.2E-18	2.2E-18	Na24
Ar41	13.6E-12	1.6E-13	1.6E-13	1.6E-13	1.6E-13	4.8E-13	3.7E-13	6.4E-13	1.2E-12	1.6E-13	1.6E-13	1.6E-13	1.6E-13	3.4E-11	1.8E-12	1.8E-12	1.8E-12	1.8E-12	1.8E-12	1.8E-12	1.6E-12	1.6E-12	Ar41
Te129	17.0E-14	1.6E-15	1.6E-15	1.6E-15	1.6E-15	5.1E-15	3.9E-15	6.9E-15	1.4E-14	1.6E-15	1.6E-15	1.6E-15	1.6E-15	1.3E-12	3.5E-14	3.5E-14	3.5E-14	3.5E-14	3.5E-14	3.5E-14	3.1E-14	3.1E-14	Te129
Nb95	14.0E-19	1.7E-20	1.7E-20	1.7E-20	1.7E-20	5.3E-20	4.1E-20	7.1E-20	1.3E-19	1.7E-20	1.7E-20	1.7E-20	1.7E-20	3.8E-18	2.0E-19	2.0E-19	2.0E-19	2.0E-19	2.0E-19	2.0E-19	1.8E-19	1.8E-19	Nb95
Tc99m	5.7E-19	2.5E-20	2.5E-20	2.5E-20	2.5E-20	7.5E-20	5.8E-20	1.0E-19	2.9E-19	2.5E-20	2.5E-20	2.5E-20	2.5E-20	5.4E-18	2.9E-19	2.9E-19	2.9E-19	2.9E-19	2.9E-19	2.9E-19	2.5E-19	2.5E-19	Tc99m
Cs134	14.3E-13	9.7E-15	9.7E-15	9.7E-15	9.7E-15	3.1E-14	2.4E-14	4.2E-14	8.3E-14	9.7E-15	9.7E-15	9.7E-15	9.7E-15	7.7E-12	2.1E-13	2.1E-13	2.1E-13	2.1E-13	2.1E-13	2.1E-13	1.9E-13	1.9E-13	Cs134
Cs137	13.0E-13	6.9E-15	6.9E-15	6.9E-15	6.9E-15	2.2E-14	1.7E-14	3.0E-14	5.8E-13	6.9E-15	6.9E-15	6.9E-15	6.9E-15	5.4E-12	1.5E-13	1.5E-13	1.5E-13	1.5E-13	1.5E-13	1.5E-13	1.3E-13	1.3E-13	Cs137
Ba140	14.4E-12	1.0E-13	1.0E-13	1.0E-13	1.0E-13	3.2E-13	2.4E-13	4.4E-13	8.5E-13	1.0E-13	1.0E-13	1.0E-13	1.0E-13	8.0E-11	2.2E-12	2.2E-12	2.2E-12	2.2E-12	2.2E-12	2.2E-12	1.9E-12	1.9E-12	Ba140
La140	14.5E-12	1.0E-13	1.0E-13	1.0E-13	1.0E-13	3.2E-13	2.5E-13	4.4E-13	8.2E-13	1.0E-13	1.0E-13	1.0E-13	1.0E-13	8.0E-11	2.2E-12	2.2E-12	2.2E-12	2.2E-12	2.2E-12	2.2E-12	1.9E-12	1.9E-12	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1_SI A	U1_SI B	U1_TDAFW	U1_CCP A	U1_CCP B	U1_CCP C	HUT A RM	HUT B RM	BA_EVAPI	BA_EVAP2	SPARE669	U1Pen669	U2Pen669	Elev 706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdcon	RoadBay	WPKgArea	CDWE_Bdg	
Gross	5.3E-07	5.3E-07	5.3E-07	5.3E-07	5.3E-07	5.3E-07	1.4E-06	1.4E-06	1.1E-07	1.1E-07	2.0E-07	2.0E-07	2.0E-07	4.0E-05	8.3E-10	8.3E-10	9.9E-06	9.9E-06	2.5E-04	3.7E-05	8.1E-07	Gross	
Kr85m	12.2E-08	2.2E-08	1.5E-07	2.2E-08	2.2E-08	2.2E-08	5.7E-08	5.7E-08	4.6E-09	4.6E-09	5.7E-08	8.3E-09	8.3E-09	1.7E-06	3.5E-11	3.5E-11	4.2E-07	4.2E-07	1.1E-05	1.6E-06	4.3E-08	Kr85m	
Kr87	19.8E-09	9.8E-09	6.8E-08	9.8E-09	9.8E-09	9.8E-09	2.5E-08	2.5E-08	2.0E-09	2.5E-08	3.7E-09	3.7E-09	3.7E-09	7.4E-07	1.5E-11	1.5E-11	1.8E-07	1.8E-07	4.7E-06	6.9E-07	1.5E-08	Kr87	
Kr88	14.4E-08	4.4E-08	3.0E-07	4.4E-08	4.4E-08	4.4E-08	1.1E-07	1.1E-07	9.0E-09	9.0E-09	1.1E-07	1.6E-08	1.6E-08	3.3E-06	6.8E-11	6.8E-11	8.2E-07	8.2E-07	1.5E-06	3.1E-06	6.6E-08	Kr88	
Xel133	13.2E-07	3.2E-07	2.2E-06	3.2E-07	3.2E-07	3.2E-07	8.3E-07	8.3E-07	6.6E-08	6.6E-08	8.3E-07	1.2E-07	1.2E-07	2.4E-05	5.0E-10	5.0E-10	6.0E-06	6.0E-06	1.1E-05	1.5E-04	2.3E-05	Xel133	
Xel133m	1.0E-08	1.0E-08	7.0E-08	1.0E-08	1.0E-08	1.0E-08	2.6E-08	2.6E-08	2.1E-09	2.6E-08	3.8E-09	3.8E-09	3.8E-09	7.7E-07	1.6E-11	1.6E-11	1.9E-07	1.9E-07	4.8E-06	7.1E-07	1.5E-08	Xel133m	
Xel135	8.6E-08	8.6E-08	5.9E-07	8.6E-08	8.6E-08	8.6E-08	2.2E-07	2.2E-07	1.8E-08	2.2E-07	3.2E-08	3.2E-08	3.2E-08	6.5E-06	1.3E-10	1.3E-10	1.6E-06	1.6E-06	3.0E-06	4.2E-05	6.1E-06	Xel135	
I131	12.3E-12	2.3E-12	1.6E-11	2.3E-12	2.3E-12	2.3E-12	6.0E-12	6.0E-12	4.7E-13	4.7E-13	6.0E-12	8.6E-13	8.6E-13	1.8E-10	3.6E-15	3.6E-15	4.3E-11	4.3E-11	8.0E-11	1.1E-09	1.6E-10	I131	
I132	11.0E-12	1.0E-12	7.2E-12	1.0E-12	1.0E-12	1.0E-12	2.7E-12	2.7E-12	2.1E-13	2.1E-13	2.7E-12	3.9E-13	3.9E-13	7.9E-11	1.6E-15	1.6E-15	1.9E-11	1.9E-11	3.6E-11	5.0E-10	7.3E-11	I132	
I133	14.2E-12	4.2E-12	2.9E-11	4.2E-12	4.2E-12	4.2E-12	1.1E-11	1.1E-11	8.7E-13	8.7E-13	1.1E-11	1.6E-12	1.6E-12	3.2E-10	6.6E-15	6.6E-15	7.9E-11	7.9E-11	1.5E-10	2.0E-09	3.0E-10	I133	
I134	12.5E-13	2.5E-13	1.7E-12	2.5E-13	2.5E-13	2.5E-13	6.4E-13	6.4E-13	5.1E-14	5.1E-14	6.4E-13	9.2E-14	9.2E-14	1.9E-11	3.8E-16	3.8E-16	4.6E-12	4.6E-12	8.5E-12	1.2E-10	1.7E-11	I134	
I135	13.1E-12	3.1E-12	2.1E-11	3.1E-12	3.1E-12	3.1E-12	8.0E-12	8.0E-12	6.3E-13	6.3E-13	8.0E-12	1.2E-12	1.2E-12	3.2E-10	4.8E-15	4.8E-15	5.8E-11	5.8E-11	1.1E-10	1.5E-09	2.2E-10	I135	
F18	1.5E-16	1.5E-16	9.2E-16	1.5E-16	1.5E-16	1.5E-16	3.7E-16	3.7E-16	3.1E-17	3.1E-17	3.7E-16	5.7E-17	5.7E-17	7.1E-15	3.4E-19	3.4E-19	3.2E-15	3.2E-15	3.7E-15	2.0E-14	6.6E-15	F18	
Co58	11.7E-18	1.7E-18	1.1E-17	1.7E-18	1.7E-18	1.7E-18	4.3E-18	4.3E-18	3.6E-19	3.6E-19	4.3E-18	6.5E-19	6.5E-19	8.5E-17	3.8E-21	3.8E-21	3.6E-17	3.6E-17	4.4E-17	2.8E-16	8.0E-17	Co58	
Co60	5.7E-19	5.7E-19	3.6E-18	5.7E-19	5.7E-19	5.7E-19	1.4E-18	1.4E-18	1.2E-19	1.2E-19	1.4E-18	2.1E-19	2.1E-19	3.0E-17	1.2E-21	1.2E-21	1.2E-17	1.2E-17	1.5E-17	1.2E-16	1.1E-18	Co60	
Rb88	13.5E-08	3.5E-08	2.4E-07	3.5E-08	3.5E-08	3.5E-08	9.0E-08	9.0E-08	7.1E-09	7.1E-09	9.0E-08	1.3E-08	1.3E-08	2.6E-06	5.7E-11	5.7E-11	6.8E-07	6.8E-07	1.2E-				

	Elev 653	U1 RHR A	U1 RHR B	U1 CS A	U1 CS B	TDCT_RM	FDCT_RM	EVAP_PMP	STRIP_RM	U2 RHR A	U2 RHR B	U2 CS A	U2 CS B	Elev 669	U2 SI A	U2 SI B	U2 TDAFW	U2 CCP A	U2 CCP B	U2 CCP C	WGDT_RM1	WGDT_RM2	Gross
Gross	12.8E-04	6.1E-06	6.1E-06	6.1E-06	6.1E-06	1.9E-05	1.5E-05	2.7E-05	5.2E-05	6.1E-06	6.1E-06	6.1E-06	6.1E-06	5.1E-03	1.4E-04	1.4E-04	1.4E-04	1.4E-04	1.4E-04	1.4E-04	1.2E-04	1.2E-04	Kr85m
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	17.8E-11	1.3E-12	1.3E-12	1.3E-12	1.3E-12	4.3E-12	3.3E-12	5.9E-12	1.2E-11	1.3E-12	1.3E-12	1.3E-12	1.3E-12	2.0E-09	3.9E-11	3.9E-11	3.9E-11	3.9E-11	3.9E-11	3.9E-11	3.4E-11	3.4E-11	Xel133
Xel133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel135	17.8E-10	1.3E-11	1.3E-11	1.3E-11	1.3E-11	4.3E-11	3.3E-11	5.9E-11	1.2E-10	1.3E-11	1.3E-11	1.3E-11	1.3E-11	2.0E-08	3.9E-10	3.9E-10	3.9E-10	3.9E-10	3.9E-10	3.9E-10	3.4E-10	3.4E-10	Xel135
I131	12.8E-08	5.5E-10	5.5E-10	5.5E-10	5.5E-10	1.8E-09	1.3E-09	2.4E-09	4.7E-09	5.5E-10	5.5E-10	5.5E-10	5.5E-10	6.2E-07	1.4E-08	1.4E-08	1.4E-08	1.4E-08	1.4E-08	1.4E-08	1.2E-08	1.2E-08	I131
I132	1.3E-08	2.5E-10	2.5E-10	2.5E-10	2.5E-10	7.9E-10	6.0E-10	1.1E-09	2.1E-09	2.5E-10	2.5E-10	2.5E-10	2.5E-10	2.8E-07	6.3E-09	6.3E-09	6.3E-09	6.3E-09	6.3E-09	6.3E-09	5.5E-09	5.5E-09	I132
I133	1.5E-08	1.0E-09	1.0E-09	1.0E-09	1.0E-09	3.2E-09	2.4E-09	4.4E-09	8.1E-09	1.0E-09	1.0E-09	1.0E-09	1.0E-09	1.1E-06	2.6E-08	2.6E-08	2.6E-08	2.6E-08	2.6E-08	2.6E-08	2.2E-08	2.2E-08	I133
I134	3.8E-09	5.8E-11	5.8E-11	5.8E-11	5.8E-11	1.9E-10	1.4E-10	2.6E-10	5.0E-10	5.8E-11	5.8E-11	5.8E-11	5.8E-11	6.6E-08	1.5E-09	1.5E-09	1.5E-09	1.5E-09	1.5E-09	1.5E-09	1.3E-09	1.3E-09	I134
I135	13.0E-08	7.3E-10	7.3E-10	7.3E-10	7.3E-10	2.3E-09	1.8E-09	3.2E-09	6.3E-09	7.3E-10	7.3E-10	7.3E-10	7.3E-10	8.3E-07	1.9E-08	1.9E-08	1.9E-08	1.9E-08	1.9E-08	1.9E-08	1.6E-08	1.6E-08	I135
F18	3.5E-12	1.2E-13	1.2E-13	1.2E-13	1.2E-13	3.8E-13	3.0E-13	5.2E-13	9.6E-13	1.2E-13	1.2E-13	1.2E-13	1.2E-13	4.1E-11	1.7E-12	1.7E-12	1.7E-12	1.7E-12	1.7E-12	1.7E-12	1.5E-12	1.5E-12	F18
Co58	13.8E-14	1.3E-15	1.3E-15	1.3E-15	1.3E-15	4.2E-15	3.2E-15	5.6E-15	1.1E-14	1.3E-15	1.3E-15	1.3E-15	1.3E-15	4.7E-13	1.9E-14	1.9E-14	1.9E-14	1.9E-14	1.9E-14	1.9E-14	1.7E-14	1.7E-14	Co58
Co60	1.2E-14	3.9E-16	3.9E-16	3.9E-16	3.9E-16	1.2E-15	9.3E-16	1.6E-15	3.1E-15	3.9E-16	3.9E-16	3.9E-16	3.9E-16	1.5E-13	5.9E-15	5.9E-15	5.9E-15	5.9E-15	5.9E-15	5.9E-15	5.1E-15	5.1E-15	Co60
Rb88	12.3E-04	5.0E-06	5.0E-06	5.0E-06	5.0E-06	1.6E-05	1.2E-05	2.2E-05	4.3E-05	5.0E-06	5.0E-06	5.0E-06	5.0E-06	4.2E-03	1.1E-04	1.1E-04	1.1E-04	1.1E-04	1.1E-04	1.1E-04	1.0E-04	1.0E-04	Rb88
Na24	15.9E-14	2.1E-15	2.1E-15	2.1E-15	2.1E-15	6.6E-15	5.0E-15	8.8E-15	1.6E-14	2.1E-15	2.1E-15	2.1E-15	2.1E-15	7.0E-13	3.0E-14	3.0E-14	3.0E-14	3.0E-14	3.0E-14	3.0E-14	2.6E-14	2.6E-14	Na24
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	14.3E-10	8.3E-12	8.3E-12	8.3E-12	8.3E-12	2.6E-11	2.0E-11	3.6E-11	7.1E-11	8.3E-12	8.3E-12	8.3E-12	8.3E-12	9.4E-09	2.1E-10	2.1E-10	2.1E-10	2.1E-10	2.1E-10	2.1E-10	1.8E-10	1.8E-10	Te129
Nb95	14.7E-15	1.7E-16	1.7E-16	1.7E-16	1.7E-16	5.2E-16	4.0E-16	7.0E-16	1.3E-15	1.7E-16	1.7E-16	1.7E-16	1.7E-16	5.6E-14	2.4E-15	2.4E-15	2.4E-15	2.4E-15	2.4E-15	2.4E-15	2.1E-15	2.1E-15	Nb95
Tc99m	16.7E-15	2.4E-16	2.4E-16	2.4E-16	2.4E-16	7.4E-16	5.7E-16	1.0E-15	1.9E-15	2.4E-16	2.4E-16	2.4E-16	2.4E-16	7.9E-14	3.4E-15	3.4E-15	3.4E-15	3.4E-15	3.4E-15	3.4E-15	2.9E-15	2.9E-15	Tc99m
Cs134	12.6E-09	5.0E-11	5.0E-11	5.0E-11	5.0E-11	1.6E-10	1.2E-10	2.2E-10	4.4E-10	5.0E-11	5.0E-11	5.0E-11	5.0E-11	5.7E-08	1.3E-09	1.3E-09	1.3E-09	1.3E-09	1.3E-09	1.3E-09	1.1E-09	1.1E-09	Cs134
Cs137	11.8E-09	3.6E-11	3.6E-11	3.6E-11	3.6E-11	1.1E-10	8.7E-11	1.6E-10	3.1E-10	3.6E-11	3.6E-11	3.6E-11	3.6E-11	4.0E-08	9.1E-10	9.1E-10	9.1E-10	9.1E-10	9.1E-10	9.1E-10	7.9E-10	7.9E-10	Cs137
Ba140	12.7E-08	5.2E-10	5.2E-10	5.2E-10	5.2E-10	1.7E-09	1.3E-09	2.3E-09	4.5E-09	5.2E-10	5.2E-10	5.2E-10	5.2E-10	5.9E-07	1.3E-08	1.3E-08	1.3E-08	1.3E-08	1.3E-08	1.3E-08	1.2E-08	1.2E-08	Ba140
La140	12.7E-08	5.2E-10	5.2E-10	5.2E-10	5.2E-10	1.7E-09	1.3E-09	2.3E-09	4.5E-09	5.2E-10	5.2E-10	5.2E-10	5.2E-10	5.9E-07	1.3E-08	1.3E-08	1.3E-08	1.3E-08	1.3E-08	1.3E-08	1.2E-08	1.2E-08	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	U1 SI A	U1 SI B	U1 TDAFW	U1 CCP A	U1 CCP B	U1 CCP C	HUT A RM	HUT B RM	BA_EVAP1	BA_EVAP2	SPARE669	U1Pen669	U2Pen669	Elev 706	U1 UHI	U2 UHI	U1 PASF	U2 PASF	CASKDcon	RROADBay	WPkgArea	CDWE_Bdg	Gross
Gross	1.4E-04	1.4E-04	9.6E-04	1.4E-04	1.4E-04	1.4E-04	3.6E-04	3.6E-04	2.8E-05	2.8E-05	3.6E-04	5.2E-05	5.2E-05	1.1E-02	1.5E-07	1.5E-07	2.5E-03	2.5E-03	4.9E-03	6.7E-02	1.0E-02	2.0E-04	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	3.9E-11	3.9E-11	2.8E-10	3.9E-11	3.9E-11	3.9E-11	1.0E-10	1.0E-10	7.9E-12	7.9E-12	1.0E-10	1.4E-11	1.4E-11	3.0E-09	3.0E-14	3.0E-14	5.6E-10	5.6E-10	1.4E-09	3.2E-08	2.8E-09	3.4E-11	Xel133
Xel133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel135	3.9E-10	3.9E-10	2.8E-09	3.9E-10	3.9E-10	3.9E-10	1.0E-09	1.0E-09	7.8E-11	7.8E-11	1.0E-09	1.4E-10	1.4E-10	3.0E-08	2.9E-13	2.9E-13	5.6E-09	5.6E-09	1.4E-08	3.2E-07	2.7E-08	3.4E-10	Xel135
I131	1.4E-08	1.4E-08	9.8E-08	1.4E-08	1.4E-08	1.4E-08	3.6E-08	3.6E-08	2.9E-09	2.9E-09	3.6E-08	5.2E-09	5.2E-09	1.1E-06	1.3E-11	1.3E-11	2.3E-07	2.3E-07	5.0E-07	9.2E-06	1.0E-06	1.8E-08	I131
I132	1.6E-09	6.3E-09	4.4E-08	6.3E-09	6.3E-09	6.3E-09	1.6E-08	1.6E-08	1.3E-09	1.3E-09	1.6E-08	2.3E-09	2.3E-09	4.8E-07	5.9E-12	5.9E-12	1.0E-07	1.0E-07	2.2E-07	4.2E-06	4.5E-07	8.1E-09	I132
I133	1.6E-08	2.6E-08	1.8E-07	2.6E-08	2.6E-08	2.6E-08	6.6E-08	6.6E-08	5.2E-09	5.2E-09	6.6E-08	9.5E-09	9.5E-09	2.0E-06	2.4E-11	2.4E-11	4.2E-07	4.2E-07	9.1E-07	1.7E-05	1.8E-06	3.3E-08	I133
I134	1.5E-09	1.5E-09	1.1E-08	1.5E-09	1.5E-09	1.5E-09	3.9E-09	3.9E-09	3.0E-10	3.0E-10	3.9E-09	5.5E-10	5.5E-10	1.2E-07	1.4E-12	1.4E-12	2.4E-08	2.4E-08	5.3E-08	9.9E-07	1.1E-07	1.9E-09	I134
I135	1.9E-08	1.9E-08	1.3E-07	1.9E-08	1.9E-08	1.9E-08	4.8E-08	4.8E-08	3.8E-09	3.8E-09	4.8E-08	6.9E-09	6.9E-09	1.4E-06	1.7E-11	1.7E-11	3.1E-07	3.1E-07	6.6E-07	1.2E-05	1.3E-06	2.4E-08	I135
F18	1.7E-12	1.7E-12	1.1E-11	1.7E-12	1.7E-12	1.7E-12	4.4E-12	4.4E-12	3.6E-13	3.6E-13	4.4E-12	6.6E-13	6.6E-13	1.0E-10	3.4E-15	3.4E-15	3.7E-11	3.7E-11	4.9E-11	3.9E-10	9.3E-11	3.5E-12	F18
Co58	11.9E-14	1.9E-14	1.2E-13	1.9E-14	1.9E-14	1.9E-14	4.9E-14	4.9E-14	4.0E-15	4.0E-15	4.9E-14	7.3E-15	7.3E-15	1.1E-12	3.6E-17	3.6E-17	4.1E-13	4.1E-13	5.5E-13	4.7E-12	1.0E-12	3.8E-14	Co58
Co60	15.9E-15	5.9E-15	3.8E-14	5.9E-15	5.9E-15	5.9E-15	1.5E-14	1.5E-14	1.2E-15	1.2E-15	1.5E-14	2.2E-15	2.2E-15	3.5E-13	1.0E-17	1.0E-17	1.2E-13	1.2E-13	1.7E-13	1.7E-12	3.3E-13	1.1E-14	Co60
Rb88	1.1E-04	1.1E-04	7.9E-04	1.1E-04	1.1E-04	1.1E-04	2.9E-04	2.9E-04	2.3E-05	2.3E-05	2.9E-04	4.3E-05	4.3E-05	8.9E-03	3.1E-07	3.1E-07	2.1E-03	2.1E-03	4.0E-03	5.5E-02	8.2E-03	1.7E-04	Rb88
Na24	3.0E-14	3.0E-14	1.9E-13	3.0E-14	3.0E-14	3.0E-14	7.5E-14	7.5E-14	6.2E-15	6.2E-15	7.5E-14	1.1E-14	1.1E-14	1.7E-12	5.7E-17	5.7E-17	6.4E-13	6.4E-13	8.4E-13	6.7E-12	1.6E-12	5.9E-14	Na24
Ar41	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	2.1E-10	2.1E-10	1.5E-09	2.1E-10	2.1E-10	2.1E-10	5.5E-10	5.5E-10	4.3E-11	4.3E-11	5.5E-10	7.9E-11	7.8E-11	1.6E-08	2.0E-13	2.0E-13	3.5E-09	3.5E-09	7.5E-09	1.4E-07	1.5E-08	2.7E-10	Te129
Nb95	2.4E-15	2.4E-15	1.5E-04	2.4E-15	2.4E-15	2.4E-15	6.0E-15	6.0E-15	4.9E-16	4.9E-16	6.0E-15	8.9E-16	8.9E-16	1.4E-13	4.6E-18	4.6E-18	5.1E-14	5.1E-14	6.7E-14	5.3E-13	1.3E-13	4.7E-15	Nb95
Cs99m	3.4E-15	3.4E-15	2.1E-14	3.4E-15	3.4E-15	3.4E-15	8.5E-15	8.5E-15	7.0E-16	7.0E-16	8.5E-15	1.3E-15	1.3E-15	1.9E-13	6.5E-18	6.5E-18	7.2E-14	7.2E-14	9.5E-14	7.5E-13	1.8E-13	6.7E-15	Cs99m
Cs134	1.3E-09	1.3E-09	9.1E-09	1.3E-09	1.3E-09	1.3E-09	3.3E-09	3.3E-09	2.6E-10	2.6E-10	3.3E-09	4.8E-10	4.8E-10	1.2E-12	1.2E-12	1.2E-12	2.1E-08	2.1E-08	4.6E-08	8.5E-07	9.2E-08	1.7E-09	Cs134
Cs137	9.1E-10	9.1E-10	6.4E-09	9.1E-10	9.1E-10	9.1E-10	2.4E-09	2.4E-09	1.9E-10	1.9E-10	2.4E-09	3.4E-10	3.4E-10	7.0E-08	8.5E-13	8.5E-13	1.5E-08	1.5E-08	3.2E-08	6.0E-07	6.5E-08	1.2E-09	Cs137
Ba140	1.3E-08	1.3E-08	9.4E-08	1.3E-08	1.3E-08	1.3E-08	3.4E-08	3.4E-08	2.7E-09	2.7E-09	3.4E-08	5.0E-09	4.9E-09	1.0E-06	1.2E-11	1.2E-11	2.2E-07	2.2E-07	4.7E-07	8.8E-06	9.5E-07	1.7E-08	Ba140
La140	1.3E-08	1.3E-08	9.4E-08	1.3E-08	1.3E-08	1.3E-08	3.5E-08	3.5E-08	2.7E-09	2.7E-09	3.5E-08	5.0E-09	5.0E-09	1.0E-06	1.2E-11	1.2E-11	2.2E-07	2.2E-07	4.8E-07	8.9E-06	9.6E-07	1.7E-08	La140
Pr146	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	U1 RCS	U1 UCmnt	U1 LCmnt	U1 Sump	U1 SG_1	U1 SG_2	U1 SG_3	U1 SG_4	SGBD Mix	SI_1A HL	SI_1B HL	SI_1 CL	CVCS Pmp	Letdown	VCT	RHR1A HL	RHR1B HL	RHR1A CL	RHR1B CL	U1 CS A	U1 CS B	U1 CCS	
Gross	19.4E+03	1.7E-01	1.0E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-06	8.2E-02	7.6E-02	3.2E-02	9.5E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	11.0E+02	6.9E-03	4.1E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-08	8.2E-04	7.6E-04	3.2E-04	1.1E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	14.2E+01	2.8E-03	1.6E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.4E-09	1.4E-04	1.3E-04	5.6E-05	4.2E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	2.0E+02	1.3E-02	7.9E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-08	1.3E-03	1.2E-03	4.9E-04	2.0E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	11.6E+03	1.0E-01	6.2E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.5E-07	2.0E-02	1.8E-02	7.8E-03	1.6E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	4.9E+01	3.2E-03	1.9E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.3E-07	1.1E-02	1.0E-02	4.4E-03	5.0E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	15.3E+02	2.8E-02	2.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.3E-07	1.1E-02	1.1E-02	4.5E-03	5.4E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	17.5E+02	1.5E-04	8.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E-08	4.6E-04	4.3E-04	1.8E-04	7.6E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	13.1E+02	6.2E-05	3.7E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.4E-08	1.4E-03	1.3E-03	5.6E-04	3.2E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	11.4E+03	2.7E-04	1.6E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-07	3.5E-03	3.3E-03	1.4E-03	1.4E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	16.6E+01	1.3E-05	7.7E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-08	2.9E-04	2.7E-04	1.2E-04	6.7E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	19.8E+02	1.9E-04	1.2E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-07	4.0E-03	3.7E-03	1.6E-03	9.9E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	14.2E-03	1.1E-08	4.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.6E-07	2.0E-02	1.9E-02	7.9E-03	4.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	11.8E-04	2.7E-10	2.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E-08	4.7E-04	4.4E-04	1.9E-04	1.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	11.1E-04	8.6E-11	1.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.9E-09	1.3E-04	1.2E-04	5.1E-05	1.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	11.9E+02	1.2E-02	3.8E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.7E-08	1.2E-03	1.1E-03	4.8E-04	2.0E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	11.6E-04	4.0E-10	1.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8E-08	7.5E-04	6.9E-04	2.9E-04	1.6E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	17.6E-04	6.5E-07	3.0E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-07	3.6E-03	3.4E-03	1.4E-03	7.7E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	12.0E+01	3.9E-05	2.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	11.3E-05	3.2E-11	1.5E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.3E-09	6.0E-05	5.5E-05	2.4E-05	1.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	11.8E-05	4.6E-11	2.1E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.2E-09	8.5E-05	7.9E-05	3.3E-05	1.8E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	11.4E+02	2.8E-05	1.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	19.9E+01	2.0E-05	1.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	11.4E+03	2.9E-04	1.7E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	11.5E+03	2.9E-04	1.7E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	Outside	River	ERCW 1A	ERCW 1B	ERCW 2A	ERCW 2B	EGTS A	EGTS B	Annulus1	Annulus2	WGDTeffl	SHLDbld1	SHLDbld2	AB VENT	ABGTS A	ABGTS B	PURGE A	PURGE B					
Gross	6.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E+00	0.0E+00	6.2E-01	0.0E+00	0.0E+00	3.2E-01	0.0E+00	0.0E+00	8.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	12.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.9E-02	0.0E+00	2.5E-02	0.0E+00	0.0E+00	1.4E-02	0.0E+00	0.0E+00	3.6E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	11.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-02	0.0E+00	9.8E-03	0.0E+00	0.0E+00	5.5E-03	0.0E+00	0.0E+00	1.4E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	15.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.4E-02	0.0E+00	4.7E-02	0.0E+00	0.0E+00	2.6E-02	0.0E+00	0.0E+00	6.8E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	14.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.4E-01	0.0E+00	3.7E-01	0.0E+00	0.0E+00	2.1E-01	0.0E+00	0.0E+00	5.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	1.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.3E-02	0.0E+00	1.2E-02	0.0E+00	0.0E+00	6.4E-03	0.0E+00	0.0E+00	1.7E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	11.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-01	0.0E+00	1.0E-01	0.0E+00	0.0E+00	5.6E-02	0.0E+00	0.0E+00	1.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	12.9E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.3E-06	0.0E+00	5.3E-06	0.0E+00	0.0E+00	1.5E-06	0.0E+00	0.0E+00	1.9E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	11.2E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.2E-06	0.0E+00	2.2E-04	0.0E+00	0.0E+00	6.1E-07	0.0E+00	0.0E+00	8.1E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	15.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.6E-06	0.0E+00	9.6E-04	0.0E+00	0.0E+00	2.7E-06	0.0E+00	0.0E+00	3.5E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	12.6E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.6E-07	0.0E+00	4.6E-05	0.0E+00	0.0E+00	1.3E-07	0.0E+00	0.0E+00	1.7E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	13.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.9E-06	0.0E+00	6.9E-04	0.0E+00	0.0E+00	1.9E-06	0.0E+00	0.0E+00	2.5E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	3.2E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.7E-11	0.0E+00	5.7E-09	0.0E+00	0.0E+00	1.6E-11	0.0E+00	0.0E+00	5.3E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	15.3E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.6E-13	0.0E+00	1.9E-10	0.0E+00	0.0E+00	2.7E-13	0.0E+00	0.0E+00	3.6E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	12.6E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-13	0.0E+00	9.6E-11	0.0E+00	0.0E+00	1.3E-13	0.0E+00	0.0E+00	1.4E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	12.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8E																

	|Elev_653	U1_RHR A	U1_RHR B	U1_CS A	U1_CS B	TDCT RM	FDCT RM	EVAP FMP	STRIP RM	U2_RHR A	U2_RHR B	U2_CS A	U2_CS B	Elev_669	U2_SI A	U2_SI B	U2_TDAFW	U2_CCP A	U2_CCP B	U2_CCP C	WGDT_RM1	WGDT_RM2	
Gross	1.9E-06	5.0E-08	5.0E-08	5.0E-08	5.0E-08	1.6E-07	1.2E-07	2.2E-07	4.2E-07	5.0E-08	5.0E-08	5.0E-08	5.0E-08	2.8E-05	9.4E-07	9.4E-07	9.4E-07	9.4E-07	9.4E-07	9.4E-07	8.2E-07	8.2E-07	Gross
Kr85m	1.7E-08	2.1E-09	2.1E-09	2.1E-09	2.1E-09	6.5E-09	5.0E-09	8.9E-09	1.7E-08	2.1E-09	2.1E-09	2.1E-09	2.1E-09	1.1E-06	3.8E-08	3.8E-08	3.8E-08	3.8E-08	3.8E-08	3.8E-08	3.3E-08	3.3E-08	Kr85m
Kr87	1.3E-08	8.2E-10	8.2E-10	8.2E-10	8.2E-10	2.6E-09	2.0E-09	3.5E-09	6.8E-09	8.2E-10	8.2E-10	8.2E-10	8.2E-10	4.6E-07	1.5E-08	1.5E-08	1.5E-08	1.5E-08	1.5E-08	1.5E-08	1.3E-08	1.3E-08	Kr87
Kr88	1.5E-07	3.9E-09	3.9E-09	3.9E-09	3.9E-09	1.2E-08	9.5E-09	1.7E-08	3.3E-08	3.9E-09	3.9E-09	3.9E-09	3.9E-09	2.2E-06	7.4E-08	7.4E-08	7.4E-08	7.4E-08	7.4E-08	7.4E-08	6.4E-08	6.4E-08	Kr88
Xel133	1.2E-06	3.1E-08	3.1E-08	3.1E-08	3.1E-08	9.8E-08	7.5E-08	1.3E-07	2.6E-07	3.1E-08	3.1E-08	3.1E-08	3.1E-08	1.7E-05	5.8E-07	5.8E-07	5.8E-07	5.8E-07	5.8E-07	5.8E-07	5.0E-07	5.0E-07	Xel133
Xel133m	3.6E-08	9.7E-10	9.7E-10	9.7E-10	9.7E-10	3.1E-09	2.3E-09	4.2E-09	8.0E-09	9.7E-10	9.7E-10	9.7E-10	9.7E-10	5.4E-07	1.8E-08	1.8E-08	1.8E-08	1.8E-08	1.8E-08	1.8E-08	1.6E-08	1.6E-08	Xel133m
Xel135	1.3E-07	8.1E-09	8.1E-09	8.1E-09	8.1E-09	2.6E-08	2.0E-08	3.5E-08	6.7E-08	8.1E-09	8.1E-09	8.1E-09	8.1E-09	4.6E-06	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.3E-07	1.3E-07	Xel135
I131	1.3E-12	2.2E-13	2.2E-13	2.2E-13	2.2E-13	7.0E-13	5.4E-13	9.6E-13	1.8E-12	2.2E-13	2.2E-13	2.2E-13	2.2E-13	1.2E-10	4.1E-12	4.1E-12	4.1E-12	4.1E-12	4.1E-12	4.1E-12	3.6E-12	3.6E-12	I131
I132	1.3E-12	9.3E-14	9.3E-14	9.3E-14	9.3E-14	2.9E-13	2.2E-13	4.0E-13	7.7E-13	9.3E-14	9.3E-14	9.3E-14	9.3E-14	5.2E-11	1.7E-12	1.7E-12	1.7E-12	1.7E-12	1.7E-12	1.7E-12	1.5E-12	1.5E-12	I132
I133	1.5E-11	4.0E-13	4.0E-13	4.0E-13	4.0E-13	1.3E-12	9.7E-13	1.7E-12	3.3E-12	4.0E-13	4.0E-13	4.0E-13	4.0E-13	2.2E-10	7.5E-12	7.5E-12	7.5E-12	7.5E-12	7.5E-12	7.5E-12	6.6E-12	6.6E-12	I133
I134	1.7E-13	1.9E-14	1.9E-14	1.9E-14	1.9E-14	6.1E-14	4.7E-14	8.4E-14	1.6E-13	1.9E-14	1.9E-14	1.9E-14	1.9E-14	1.1E-11	3.6E-13	3.6E-13	3.6E-13	3.6E-13	3.6E-13	3.6E-13	3.2E-13	3.2E-13	I134
I135	1.1E-11	2.9E-13	2.9E-13	2.9E-13	2.9E-13	9.1E-13	7.0E-13	1.2E-12	2.4E-12	2.9E-13	2.9E-13	2.9E-13	2.9E-13	1.6E-10	5.4E-12	5.4E-12	5.4E-12	5.4E-12	5.4E-12	5.4E-12	4.7E-12	4.7E-12	I135
F18	3.6E-16	1.7E-17	1.7E-17	1.7E-17	1.7E-17	5.2E-17	4.0E-17	6.9E-17	1.2E-16	1.7E-17	1.7E-17	1.7E-17	1.7E-17	3.2E-15	1.9E-16	1.9E-16	1.9E-16	1.9E-16	1.9E-16	1.9E-16	1.6E-16	1.6E-16	F18
Co58	1.4E-18	2.1E-19	2.1E-19	2.1E-19	2.1E-19	6.5E-19	5.0E-19	8.6E-19	1.6E-18	2.1E-19	2.1E-19	2.1E-19	2.1E-19	4.4E-17	2.4E-18	2.4E-18	2.4E-18	2.4E-18	2.4E-18	2.4E-18	2.1E-18	2.1E-18	Co58
Co60	1.6E-18	6.7E-20	6.7E-20	6.7E-20	6.7E-20	2.0E-19	1.6E-19	2.7E-19	5.0E-19	6.7E-20	6.7E-20	6.7E-20	6.7E-20	1.7E-17	8.2E-19	8.2E-19	8.2E-19	8.2E-19	8.2E-19	8.2E-19	7.2E-19	7.2E-19	Co60
Rb88	1.2E-07	3.4E-09	3.4E-09	3.4E-09	3.4E-09	1.1E-08	8.3E-09	1.5E-08	2.8E-08	3.4E-09	3.4E-09	3.4E-09	3.4E-09	1.7E-06	6.2E-08	6.2E-08	6.2E-08	6.2E-08	6.2E-08	6.2E-08	5.4E-08	5.4E-08	Rb88
Na24	6.7E-18	3.2E-19	3.2E-19	3.2E-19	3.2E-19	9.6E-19	7.4E-19	1.3E-18	2.3E-18	3.2E-19	3.2E-19	3.2E-19	3.2E-19	5.9E-17	3.4E-18	3.4E-18	3.4E-18	3.4E-18	3.4E-18	3.4E-18	3.0E-18	3.0E-18	Na24
Ar41	4.4E-12	2.1E-13	2.1E-13	2.1E-13	2.1E-13	6.3E-13	4.9E-13	8.4E-13	1.5E-12	2.1E-13	2.1E-13	2.1E-13	2.1E-13	3.9E-11	2.3E-12	2.3E-12	2.3E-12	2.3E-12	2.3E-12	2.3E-12	2.0E-12	2.0E-12	Ar41
Te129	1.1E-13	2.9E-15	2.9E-15	2.9E-15	2.9E-15	9.1E-15	7.0E-15	1.2E-14	2.4E-14	2.9E-15	2.9E-15	2.9E-15	2.9E-15	1.6E-12	5.4E-14	5.4E-14	5.4E-14	5.4E-14	5.4E-14	5.4E-14	4.7E-14	4.7E-14	Te129
Nb95	5.4E-19	2.5E-20	2.5E-20	2.5E-20	2.5E-20	7.7E-20	6.0E-20	1.0E-19	1.9E-19	2.5E-20	2.5E-20	2.5E-20	2.5E-20	4.8E-18	2.8E-19	2.8E-19	2.8E-19	2.8E-19	2.8E-19	2.8E-19	2.4E-19	2.4E-19	Nb95
Tc99m	1.7E-19	3.6E-20	3.6E-20	3.6E-20	3.6E-20	1.1E-19	8.5E-20	1.5E-19	2.6E-19	3.6E-20	3.6E-20	3.6E-20	3.6E-20	6.7E-18	3.9E-19	3.9E-19	3.9E-19	3.9E-19	3.9E-19	3.9E-19	3.4E-19	3.4E-19	Tc99m
Cs134	1.7E-13	2.1E-14	2.1E-14	2.1E-14	2.1E-14	6.5E-14	5.0E-14	8.8E-14	1.7E-13	2.1E-14	2.1E-14	2.1E-14	2.1E-14	1.1E-11	3.8E-13	3.8E-13	3.8E-13	3.8E-13	3.8E-13	3.8E-13	3.3E-13	3.3E-13	Cs134
Cs137	5.4E-13	1.4E-14	1.4E-14	1.4E-14	1.4E-14	4.6E-14	3.5E-14	6.2E-14	1.2E-13	1.4E-14	1.4E-14	1.4E-14	1.4E-14	8.0E-12	2.7E-13	2.7E-13	2.7E-13	2.7E-13	2.7E-13	2.7E-13	2.4E-13	2.4E-13	Cs137
Ba140	1.7E-12	2.1E-13	2.1E-13	2.1E-13	2.1E-13	6.7E-13	5.1E-13	9.1E-13	1.8E-12	2.1E-13	2.1E-13	2.1E-13	2.1E-13	1.2E-10	4.0E-12	4.0E-12	4.0E-12	4.0E-12	4.0E-12	4.0E-12	3.4E-12	3.4E-12	Ba140
La140	1.7E-12	2.1E-13	2.1E-13	2.1E-13	2.1E-13	6.7E-13	5.1E-13	9.1E-13	1.8E-12	2.1E-13	2.1E-13	2.1E-13	2.1E-13	1.2E-10	4.0E-12	4.0E-12	4.0E-12	4.0E-12	4.0E-12	4.0E-12	3.5E-12	3.5E-12	La140
Pr146	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	|U1_SI A	U1_SI B	U1_TDAFW	U1_CCP A	U1_CCP B	U1_CCP C	HUT A_RM	HUT B_RM	BA_EVAP1	BA_EVAP2	SPARE669	U1Pen669	U2Pen669	Elev_706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdcon	RoadBay	WPKgArea	CDWE_Bdg	
Gross	9.4E-07	9.4E-07	6.3E-06	9.4E-07	9.4E-07	9.4E-07	2.4E-06	2.4E-06	1.9E-07	1.9E-07	2.4E-06	3.5E-07	3.5E-07	6.6E-05	1.7E-09	1.7E-09	1.9E-05	1.9E-05	3.1E-05	3.2E-04	6.2E-05	1.6E-06	Gross
Kr85m	1.3E-08	3.8E-08	2.6E-07	3.8E-08	3.8E-08	3.8E-08	9.8E-08	9.8E-08	7.9E-09	7.9E-09	9.8E-08	1.4E-08	1.4E-08	2.7E-06	6.8E-11	6.8E-11	7.9E-07	7.9E-07	1.3E-06	1.3E-05	2.5E-06	6.6E-08	Kr85m
Kr87	1.5E-08	1.5E-08	1.0E-07	1.5E-08	1.5E-08	1.5E-08	3.9E-08	3.9E-08	3.2E-09	3.2E-09	3.9E-08	5.7E-09	5.7E-09	1.1E-06	2.7E-11	2.7E-11	3.1E-07	3.1E-07	5.0E-07	5.3E-06	1.0E-06	2.7E-08	Kr87
Kr88	7.4E-08	7.4E-08	4.9E-07	7.4E-08	7.4E-08	7.4E-08	1.9E-07	1.9E-07	1.5E-08	1.5E-08	1.9E-07	2.8E-08	2.8E-08	5.2E-06	1.3E-10	1.3E-10	1.5E-06	1.5E-06	2.4E-06	2.5E-05	4.8E-06	1.3E-07	Kr88
Xel133	5.8E-07	5.8E-07	3.9E-06	5.8E-07	5.8E-07	5.8E-07	1.2E-06	1.2E-06	1.5E-06	1.5E-06	1.2E-07	1.2E-07	1.2E-07	4.1E-05	1.0E-09	1.0E-09	1.2E-05	1.2E-05	1.9E-05	2.0E-04	3.8E-05	1.0E-06	Xel133
Xel133m	1.8E-08	1.8E-08	1.2E-07	1.8E-08	1.8E-08	1.8E-08	4.6E-08	4.6E-08	3.7E-09	3.7E-09	4.6E-08	6.7E-09	6.7E-09	1.3E-06	3.2E-11	3.2E-11	3.7E-07	3.7E-07	5.9E-07	6.2E-06	1.2E-06	3.1E-08	Xel133m
Xel135	1.5E-07	1.5E-07	1.0E-06	1.5E-07	1.5E-07	1.5E-07	3.9E-07	3.9E-07	3.1E-08	3.1E-08	3.9E-07	5.7E-08	5.7E-08	1.1E-05	2.7E-10	2.7E-10	3.1E-06	3.1E-06	5.0E-06	5.3E-05	1.0E-05	2.6E-07	Xel135
I131	4.1E-12	4.1E-12	2.8E-11	4.1E-12	4.1E-12	4.1E-12	1.1E-11	1.1E-11	8.5E-13	8.5E-13	1.1E-11	1.5E-12	1.5E-12	2.9E-10	7.4E-15	7.4E-15	8.5E-11	8.5E-11	1.4E-10	1.4E-09	2.7E-10	7.2E-12	I131
I132	1.7E-12	1.7E-12	1.1E-11	1.7E-12	1.7E-12	1.7E-12	4.4E-12	4.4E-12	3.5E-13	3.5E-13	4.4E-12	6.5E-13	6.5E-13	1.2E-10	3.1E-15	3.1E-15	3.5E-11	3.5E-11	5.7E-11	1.2E-10	1.1E-10	3.0E-12	I132
I133	7.5E-12	7.5E-12	5.1E-11	7.5E-12	7.5E-12	7.5E-12	1.9E-11	1.9E-11	1.5E-12	1.5E-12	1.9E-11	2.8E-12	2.8E-12	5.6E-10	1.3E-14	1.3E-14	1.5E-10	1.5E-10	2.5E-10	2.6E-09	4.9E-10	1.3E-11	I133
I134	3.6E-13	3.6E-13	2.4E-12	3.6E-13	3.6E-13	3.6E-13	9.3E-13	9.3E-13	7.4E-14	7.4E-14	9.3E-13	1.4E-13	1.4E-13	2.3E-11	6.4E-16	6.4E-16	7.4E-12	7.4E-12	1.2E-11	1.2E-10	2.4E-11	6.3E-13	I134
I135	5.4E-12	5.4E-12	3.6E-11	5.4E-12	5.4E-12	5.4E-12	1.4E-11	1.4E-11	1.1E-12	1.1E-12	1.4E-11	2.0E-12	2.0E-12	3.8E-10	9.6E-15	9.6E-15	1.1E-10	1.1E-10	1.8E-10	1.9E-09	3.5E-10	9.3E-12	I135
F18	1.9E-16	1.9E-16	1.1E-15	1.9E-16	1.9E-16	1.9E-16	4.6E-16	4.6E-16	3.9E-17	3.9E-17	4.6E-16	7.0E-17	7.0E-17	7.9E-15	4.2E-19	4.2E-19	3.8E-15	3.8E-15	4.2E-15	2.1E-14	7.4E-15	4.0E-16	F18
Co58	1.2E-18	1.2E-18	1.4E-17	1.2E-18	1.2E-18	1.2E-18	5.9E-18	5.9E-18	5.0E-19	5.0E-19	5.9E-18	9.1E-19	9.1E-19	1.1E-16	5.4E-21	5.4E-21	4.9E-17	4.9E-17	5.7E-17	3.2E-16	1.0E-16	5.0E-18	Co58
Co60	8.2E-19	8.2E-19	5.1E-18	8.2E-19	8.2E-19	8.2E-19	2.1E-18	2.1E-18	1.7E-19	1.7E-19	2.1E-18	3.1E-19	3.1E-19	4.2E-17	1.8E-21	1.8E-21	1.7E-17	1.7E-17	2.1E-17	1.5E-16	3.9E-17	1.7E-18	Co60
Rb88	6.2E-08	6.2E-08	4.1E-07	6.2E-08	6.2E-08	6.2E-08																	

	Elev_653	U1_RHR_A	U1_RHR_B	U1_CS_A	U1_CS_B	TD_RM	FDOCT_RM	EVAP_PMP	STRIP_RM	U2_RHR_A	U2_RHR_B	U2_CS_A	U2_CS_B	Elev_669	U2_SI_A	U2_SI_B	U2_TDAFW	U2_CCP_A	U2_CCP_B	U2_CCP_C	WGDT_RM1	WGDT_RM2	
Gross	1.5E-04	1.4E-05	1.4E-05	1.4E-05	1.4E-05	4.4E-05	3.4E-05	6.1E-05	1.2E-04	1.4E-05	1.4E-05	1.4E-05	1.4E-05	8.4E-03	2.7E-04	2.7E-04	2.7E-04	2.7E-04	2.7E-04	2.7E-04	2.4E-04	2.4E-04	Gross
Kr85m	[0.0E+00]	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	[0.0E+00]	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	-0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	[0.0E+00]	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	[1.9E-10]	3.8E-12	3.8E-12	3.8E-12	3.8E-12	1.2E-11	9.3E-12	1.7E-11	3.3E-11	3.8E-12	3.8E-12	3.8E-12	3.8E-12	4.3E-09	9.6E-11	9.6E-11	9.6E-11	9.6E-11	9.6E-11	9.6E-11	8.3E-11	8.3E-11	Xel133
Xel133m	[0.0E+00]	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
I131	[1.9E-09]	3.7E-11	3.7E-11	3.7E-11	3.7E-11	1.2E-10	9.1E-11	1.6E-10	3.2E-10	3.7E-11	3.7E-11	3.7E-11	3.7E-11	4.2E-08	9.4E-10	9.4E-10	9.4E-10	9.4E-10	9.4E-10	9.4E-10	8.1E-10	8.1E-10	I131
I131	[5.9E-08]	1.3E-09	1.3E-09	1.3E-09	1.3E-09	4.3E-09	3.3E-09	5.9E-09	1.1E-08	1.3E-09	1.3E-09	1.3E-09	1.3E-09	1.1E-06	3.0E-08	3.0E-08	3.0E-08	3.0E-08	3.0E-08	3.0E-08	2.6E-08	2.6E-08	I131
I132	[2.5E-08]	5.6E-10	5.6E-10	5.6E-10	5.6E-10	1.8E-09	1.4E-09	2.4E-09	4.8E-09	5.6E-10	5.6E-10	5.6E-10	5.6E-10	4.6E-07	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.1E-08	1.1E-08	I132
I133	[1.1E-07]	2.5E-09	2.5E-09	2.5E-09	2.5E-09	7.8E-09	2.5E-09	1.2E-08	2.1E-08	2.5E-09	2.5E-09	2.5E-09	2.5E-09	2.0E-06	5.4E-08	5.4E-08	5.4E-08	5.4E-08	5.4E-08	5.4E-08	4.7E-08	4.7E-08	I133
I134	[5.2E-09]	1.2E-10	1.2E-10	1.2E-10	1.2E-10	3.8E-10	2.9E-10	5.1E-10	1.0E-09	1.2E-10	1.2E-10	1.2E-10	1.2E-10	9.8E-08	2.6E-09	2.6E-09	2.6E-09	2.6E-09	2.6E-09	2.6E-09	2.3E-09	2.3E-09	I134
I135	[7.7E-08]	1.8E-09	1.8E-09	1.8E-09	1.8E-09	5.6E-09	4.3E-09	7.6E-09	1.5E-08	1.8E-09	1.8E-09	1.8E-09	1.8E-09	1.5E-06	3.9E-08	3.9E-08	3.9E-08	3.9E-08	3.9E-08	3.9E-08	3.4E-08	3.4E-08	I135
F18	[4.6E-12]	1.8E-13	1.8E-13	1.8E-13	1.8E-13	5.6E-13	4.3E-13	7.5E-13	1.4E-12	1.8E-13	1.8E-13	1.8E-13	1.8E-13	5.1E-11	2.4E-12	2.4E-12	2.4E-12	2.4E-12	2.4E-12	2.4E-12	2.0E-12	2.0E-12	F18
Co58	[5.7E-14]	2.2E-15	2.2E-15	2.2E-15	2.2E-15	6.8E-15	5.2E-15	9.1E-15	1.7E-14	2.2E-15	2.2E-15	2.2E-15	2.2E-15	6.6E-13	2.9E-14	2.9E-14	2.9E-14	2.9E-14	2.9E-14	2.9E-14	2.5E-14	2.5E-14	Co58
Co60	[1.8E-14]	6.5E-16	6.5E-16	6.5E-16	6.5E-16	2.0E-15	1.6E-15	2.7E-15	5.0E-15	6.5E-16	6.5E-16	6.5E-16	6.5E-16	6.2E-13	9.2E-15	9.2E-15	9.2E-15	9.2E-15	9.2E-15	9.2E-15	8.0E-15	8.0E-15	Co60
Rb88	[4.5E-04]	1.2E-05	1.2E-05	1.2E-05	1.2E-05	3.7E-05	2.8E-05	5.0E-05	9.0E-05	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.2E-05	6.9E-03	2.3E-04	2.3E-04	2.3E-04	2.3E-04	2.3E-04	2.0E-04	2.0E-04	Rb88
Na24	[8.6E-14]	3.3E-15	3.3E-15	3.3E-15	3.3E-15	1.0E-14	8.0E-15	1.4E-14	2.6E-14	3.3E-15	3.3E-15	3.3E-15	3.3E-15	9.4E-13	4.4E-14	4.4E-14	4.4E-14	4.4E-14	4.4E-14	4.4E-14	3.8E-14	3.8E-14	Na24
Ar41	[0.0E+00]	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	[7.7E-10]	1.8E-11	1.8E-11	1.8E-11	1.8E-11	5.6E-11	4.3E-11	7.6E-11	1.5E-10	1.8E-11	1.8E-11	1.8E-11	1.8E-11	1.5E-08	3.9E-10	3.9E-10	3.9E-10	3.9E-10	3.9E-10	3.9E-10	3.4E-10	3.4E-10	Te129
Nb95	[6.9E-15]	2.7E-16	2.7E-16	2.7E-16	2.7E-16	8.3E-16	6.4E-16	1.1E-15	2.0E-15	2.7E-16	2.7E-16	2.7E-16	2.7E-16	7.6E-14	3.5E-15	3.5E-15	3.5E-15	3.5E-15	3.5E-15	3.5E-15	3.1E-15	3.1E-15	Nb95
Tc99m	[9.8E-15]	3.8E-16	3.8E-16	3.8E-16	3.8E-16	1.2E-15	9.1E-16	1.6E-15	2.9E-15	3.8E-16	3.8E-16	3.8E-16	3.8E-16	1.1E-13	5.0E-15	5.0E-15	5.0E-15	5.0E-15	5.0E-15	5.0E-15	4.3E-15	4.3E-15	Tc99m
Cs134	[5.5E-09]	1.2E-10	1.2E-10	1.2E-10	1.2E-10	4.0E-10	3.0E-10	5.4E-10	1.1E-09	1.2E-10	1.2E-10	1.2E-10	1.2E-10	1.0E-07	2.7E-09	2.7E-09	2.7E-09	2.7E-09	2.7E-09	2.7E-09	2.4E-09	2.4E-09	Cs134
Cs137	[3.9E-09]	8.8E-11	8.8E-11	8.8E-11	8.8E-11	2.8E-10	2.1E-10	3.8E-10	7.4E-09	8.8E-11	8.8E-11	8.8E-11	8.8E-11	7.3E-08	1.9E-09	1.9E-09	1.9E-09	1.9E-09	1.9E-09	1.9E-09	1.7E-09	1.7E-09	Cs137
Ba140	[5.7E-08]	1.3E-09	1.3E-09	1.3E-09	1.3E-09	4.1E-09	3.1E-09	5.6E-09	1.1E-08	1.3E-09	1.3E-09	1.3E-09	1.3E-09	1.1E-06	2.8E-08	2.8E-08	2.8E-08	2.8E-08	2.8E-08	2.8E-08	2.5E-08	2.5E-08	Ba140
La140	[5.7E-08]	1.3E-09	1.3E-09	1.3E-09	1.3E-09	4.1E-09	3.1E-09	5.6E-09	1.1E-08	1.3E-09	1.3E-09	1.3E-09	1.3E-09	1.1E-06	2.8E-08	2.8E-08	2.8E-08	2.8E-08	2.8E-08	2.8E-08	2.5E-08	2.5E-08	La140
Pr146	[0.0E+00]	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1_SI_A	U1_SI_B	U1_TDAFW	U1_CCP_A	U1_CCP_B	U1_CCP_C	HUT_A_RM	HUT_B_RM	BA_EVAP1	BA_EVAP2	SPARE669	U1Pen669	U2Pen669	Elev_706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdcon	RRoadBay	WPKgArea	CDWE_Bdg	
Gross	2.7E-04	2.7E-04	1.9E-03	2.7E-04	2.7E-04	2.7E-04	7.0E-04	7.0E-04	5.6E-05	5.6E-05	7.0E-04	1.0E-04	1.0E-04	2.0E-02	3.7E-07	3.7E-07	5.5E-03	5.5E-03	9.1E-03	9.8E-02	1.9E-02	4.6E-02	Gross
Kr85m	[0.0E+00]	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	[0.0E+00]	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	[0.0E+00]	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	[9.6E-11]	9.6E-11	6.7E-10	9.6E-11	9.6E-11	9.6E-11	2.5E-10	2.5E-10	2.0E-11	2.0E-11	2.5E-10	3.6E-11	3.5E-11	7.3E-09	9.2E-14	9.2E-14	1.6E-09	1.6E-09	3.4E-09	6.3E-08	6.7E-09	1.3E-10	Xel133
Xel133m	[0.0E+00]	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel135	[9.4E-10]	9.4E-10	6.6E-09	9.4E-10	9.4E-10	9.4E-10	2.4E-09	2.4E-09	1.9E-10	1.9E-10	2.4E-09	3.5E-10	3.5E-10	7.1E-08	9.0E-13	9.0E-13	1.5E-08	1.5E-08	3.3E-08	6.2E-07	6.6E-08	1.2E-09	Xel135
I131	[3.0E-08]	3.0E-08	2.0E-07	3.0E-08	3.0E-08	3.0E-08	7.6E-08	7.6E-08	6.1E-09	6.1E-09	7.6E-08	1.1E-08	1.1E-08	2.2E-06	3.4E-11	3.4E-11	5.4E-07	5.4E-07	1.0E-06	1.5E-05	2.1E-06	4.4E-08	I131
I132	[1.2E-08]	1.2E-08	8.5E-08	1.2E-08	1.2E-08	1.2E-08	3.2E-08	3.2E-08	2.1E-09	2.1E-09	3.2E-08	4.6E-09	4.6E-09	9.2E-07	1.4E-11	1.4E-11	2.3E-07	2.3E-07	4.2E-07	6.3E-06	8.5E-07	1.8E-08	I132
I133	[5.4E-08]	5.4E-08	3.7E-07	5.4E-08	5.4E-08	5.4E-08	1.4E-07	1.4E-07	1.5E-08	1.5E-08	1.4E-07	2.0E-08	2.0E-08	4.0E-06	6.2E-11	6.2E-11	9.8E-07	9.8E-07	1.9E-06	2.8E-05	3.7E-07	8.0E-08	I133
I134	[2.6E-09]	2.6E-09	1.8E-08	2.6E-09	2.6E-09	2.6E-09	6.7E-09	6.7E-09	5.3E-10	5.3E-10	6.7E-09	9.6E-10	9.6E-10	1.9E-07	3.0E-12	3.0E-12	4.7E-08	4.7E-08	8.9E-08	1.3E-06	1.8E-07	3.9E-09	I134
I135	[3.9E-08]	3.9E-08	2.7E-07	3.9E-08	3.9E-08	3.9E-08	9.9E-08	9.9E-08	7.9E-09	7.9E-09	9.9E-08	1.4E-08	1.4E-08	2.9E-06	4.5E-11	4.5E-11	7.1E-07	7.1E-07	1.3E-06	2.0E-05	2.7E-06	5.7E-08	I135
F18	[2.4E-12]	2.4E-12	1.5E-11	2.4E-12	2.4E-12	2.4E-12	5.9E-12	5.9E-12	4.9E-13	4.9E-13	5.9E-12	8.8E-13	8.8E-13	1.2E-10	4.6E-15	4.6E-15	5.0E-11	5.0E-11	6.2E-11	4.5E-10	1.2E-10	4.8E-12	F18
Co58	[2.9E-14]	2.9E-14	1.8E-13	2.9E-14	2.9E-14	2.9E-14	7.3E-14	7.3E-14	6.0E-15	6.0E-15	7.3E-14	1.1E-14	1.1E-14	1.6E-12	5.6E-17	5.6E-17	6.1E-13	6.1E-13	7.9E-13	6.1E-12	1.5E-12	5.8E-14	Co58
Co60	[9.2E-15]	9.2E-15	5.8E-14	9.2E-15	9.2E-15	9.2E-15	2.3E-14	2.3E-14	1.9E-15	1.9E-15	2.3E-14	3.4E-15	3.4E-15	5.2E-13	1.7E-17	1.7E-17	1.9E-13	1.9E-13	2.6E-13	2.3E-12	4.9E-13	1.8E-14	Co60
Rb88	[2.3E-04]	2.3E-04	1.5E-03	2.3E-04	2.3E-04	2.3E-04	5.8E-04	5.8E-04	4.6E-05	4.6E-05	5.8E-04	8.4E-05	8.4E-05	1.6E-02	3.1E-07	3.1E-07	4.5E-03	4.5E-03	7.5E-03	8.0E-02	1.5E-02	3.8E-04	Rb88

[illegible]

Gross	U2_RCS	U2_Ucmmt	U2_Lcmmt	U2_Sump	U2_SG_1	U2_SG_2	U2_SG_3	U2_SG_4	SGBDMix2	SI_2A_HL	SI_2B_HL	SI_2C_CL	U2_CVCS	U2_Letdm	U2_VCT	RHR2A_HL	RHR2B_HL	RHR2A_CL	RHR2B_CL	U2_CS_A	U2_CS_B	U2_CCS
Kr85m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr87	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr88	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Xe133	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe135	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
I131	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I132	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I133	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I134	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I135	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
F18	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
Co58	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co60	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Rb88	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Na24	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Ar41	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Te129	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Nb95	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Tc99m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Cs134	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs137	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Ba140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
La140	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
Pr146	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	Elev 653	U1_RHR A	U1_RHR B	U1_CS A	U1_CS B	TDCT RM	FDCT RM	EVAP PMP	STRIP RM	U2_RHR A	U2_RHR B	U2_CS A	U2_CS B	Elev 669	U2_SI A	U2_SI B	U2_TDAFW	U2_CCP A	U2_CCP B	U2_CCP C	WGDT RM1	WGDT RM2	Gross
Gross	13.0E-06	9.3E-08	9.3E-08	9.3E-08	9.3E-08	2.9E-07	2.2E-07	3.9E-07	7.5E-07	9.3E-08	9.3E-08	9.3E-08	9.3E-08	3.8E-05	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06
Kr85m	11.2E-07	3.7E-09	3.7E-09	3.7E-09	3.7E-09	1.2E-08	8.9E-09	1.6E-08	3.0E-08	3.7E-09	3.7E-09	3.7E-09	3.7E-09	1.5E-06	6.0E-08	6.0E-08	6.0E-08	6.0E-08	6.0E-08	6.0E-08	5.2E-08	5.2E-08	Kr85m
Kr87	14.3E-08	1.3E-09	1.3E-09	1.3E-09	1.3E-09	4.2E-09	3.2E-09	5.7E-09	1.1E-08	1.3E-09	1.3E-09	1.3E-09	1.3E-09	5.5E-07	2.2E-08	2.2E-08	2.2E-08	2.2E-08	2.2E-08	2.2E-08	1.9E-08	1.9E-08	Kr87
Kr88	12.2E-07	6.9E-09	6.9E-09	6.9E-09	6.9E-09	2.2E-08	1.7E-08	2.9E-08	5.6E-08	6.9E-09	6.9E-09	6.9E-09	6.9E-09	2.8E-06	1.1E-07	1.1E-07	1.1E-07	1.1E-07	1.1E-07	1.1E-07	9.7E-08	9.7E-08	Kr88
Xe133	11.8E-06	5.8E-08	5.8E-08	5.8E-08	5.8E-08	1.8E-07	1.4E-07	2.5E-07	4.6E-07	5.8E-08	5.8E-08	5.8E-08	5.8E-08	2.4E-05	9.3E-07	9.3E-07	9.3E-07	9.3E-07	9.3E-07	9.3E-07	8.1E-07	8.1E-07	Xe133
Xe133m	5.0E-08	1.8E-09	1.8E-09	1.8E-09	1.8E-09	5.6E-09	4.3E-09	7.6E-09	1.4E-08	1.8E-09	1.8E-09	1.8E-09	1.8E-09	7.4E-07	2.9E-08	2.9E-08	2.9E-08	2.9E-08	2.9E-08	2.9E-08	2.5E-08	2.5E-08	Xe133m
Xe135	14.8E-07	1.5E-08	1.5E-08	1.5E-08	1.5E-08	4.7E-08	3.6E-08	6.3E-08	1.2E-07	1.5E-08	1.5E-08	1.5E-08	1.5E-08	6.2E-06	2.4E-07	2.4E-07	2.4E-07	2.4E-07	2.4E-07	2.4E-07	2.1E-07	2.1E-07	Xe135
I131	11.3E-11	4.1E-13	4.1E-13	4.1E-13	4.1E-13	1.3E-12	9.9E-13	1.8E-12	3.3E-12	4.1E-13	4.1E-13	4.1E-13	4.1E-13	1.7E-10	6.7E-12	6.7E-12	6.7E-12	6.7E-12	6.7E-12	6.7E-12	5.8E-12	5.8E-12	I131
I132	5.1E-12	1.6E-13	1.6E-13	1.6E-13	1.6E-13	5.0E-13	3.8E-13	6.8E-13	1.3E-12	1.6E-13	1.6E-13	1.6E-13	1.6E-13	6.5E-11	2.6E-12	2.6E-12	2.6E-12	2.6E-12	2.6E-12	2.6E-12	2.2E-12	2.2E-12	I132
I133	12.4E-11	7.5E-13	7.5E-13	7.5E-13	7.5E-13	2.3E-12	1.8E-12	3.2E-12	6.0E-12	7.5E-13	7.5E-13	7.5E-13	7.5E-13	3.0E-10	1.2E-11	1.2E-11	1.2E-11	1.2E-11	1.2E-11	1.2E-11	1.0E-11	1.0E-11	I133
I134	9.5E-13	3.0E-14	3.0E-14	3.0E-14	3.0E-14	9.3E-14	7.1E-14	1.3E-13	2.4E-13	3.0E-14	3.0E-14	3.0E-14	3.0E-14	1.2E-11	4.8E-13	4.8E-13	4.8E-13	4.8E-13	4.8E-13	4.8E-13	4.2E-13	4.2E-13	I134
I135	11.7E-11	5.3E-13	5.3E-13	5.3E-13	5.3E-13	1.6E-12	1.3E-12	2.2E-12	4.2E-12	5.3E-13	5.3E-13	5.3E-13	5.3E-13	2.1E-10	8.5E-12	8.5E-12	8.5E-12	8.5E-12	8.5E-12	8.5E-12	7.4E-12	7.4E-12	I135
F18	14.3E-16	2.2E-17	2.2E-17	2.2E-17	2.2E-17	6.6E-17	5.2E-17	8.8E-17	1.6E-16	2.2E-17	2.2E-17	2.2E-17	2.2E-17	3.5E-15	2.2E-16	2.2E-16	2.2E-16	2.2E-16	2.2E-16	2.2E-16	1.9E-16	1.9E-16	F18
Co58	6.3E-18	3.1E-19	3.1E-19	3.1E-19	3.1E-19	9.3E-19	7.2E-19	1.2E-18	2.2E-18	3.1E-19	3.1E-19	3.1E-19	3.1E-19	5.5E-17	3.2E-18	3.2E-18	3.2E-18	3.2E-18	3.2E-18	3.2E-18	2.8E-18	2.8E-18	Co58
Co60	12.3E-18	1.0E-19	1.0E-19	1.0E-19	1.0E-19	3.1E-19	2.4E-19	4.1E-19	7.4E-19	1.0E-19	1.0E-19	1.0E-19	1.0E-19	2.2E-17	1.2E-18	1.2E-18	1.2E-18	1.2E-18	1.2E-18	1.2E-18	1.0E-18	1.0E-18	Co60
Rb88	11.9E-07	6.2E-09	6.2E-09	6.2E-09	6.2E-09	1.9E-08	1.5E-08	2.6E-08	5.0E-08	6.2E-09	6.2E-09	6.2E-09	6.2E-09	2.3E-06	9.7E-08	9.7E-08	9.7E-08	9.7E-08	9.7E-08	9.7E-08	8.4E-08	8.4E-08	Rb88
Na24	8.7E-18	4.4E-19	4.4E-19	4.4E-19	4.4E-19	1.3E-18	1.0E-18	1.8E-18	3.2E-18	4.4E-19	4.4E-19	4.4E-19	4.4E-19	7.1E-17	4.5E-18	4.5E-18	4.5E-18	4.5E-18	4.5E-18	4.5E-18	3.9E-18	3.9E-18	Na24
Ar41	15.3E-12	2.7E-13	2.7E-13	2.7E-13	2.7E-13	8.1E-13	6.3E-13	1.1E-12	1.9E-12	2.7E-13	2.7E-13	2.7E-13	2.7E-13	4.3E-11	2.7E-12	2.7E-12	2.7E-12	2.7E-12	2.7E-12	2.7E-12	2.4E-12	2.4E-12	Ar41
Te129	11.5E-13	4.6E-15	4.6E-15	4.6E-15	4.6E-15	1.5E-14	1.1E-14	2.0E-14	3.7E-14	4.6E-15	4.6E-15	4.6E-15	4.6E-15	1.9E-12	7.5E-14	7.5E-14	7.5E-14	7.5E-14	7.5E-14	7.5E-14	6.5E-14	6.5E-14	Te129
Nb95	7.1E-19	3.6E-20	3.6E-20	3.6E-20	3.6E-20	1.1E-19	8.4E-20	1.4E-19	2.6E-19	3.6E-20	3.6E-20	3.6E-20	3.6E-20	5.8E-18	3.6E-19	3.6E-19	3.6E-19	3.6E-19	3.6E-19	3.6E-19	3.2E-19	3.2E-19	Nb95
Te99m	1.0E-18	5.1E-20	5.1E-20	5.1E-20	5.1E-20	1.5E-19	1.2E-19	2.0E-19	3.6E-19	5.1E-20	5.1E-20	5.1E-20	5.1E-20	5.1E-18	5.1E-19	5.1E-19	5.1E-19	5.1E-19	5.1E-19	5.1E-19	4.5E-19	4.5E-19	Te99m
Cs134	11.2E-12	3.8E-14	3.8E-14	3.8E-14	3.8E-14	1.2E-13	9.2E-14	1.6E-13	3.1E-13	3.8E-14	3.8E-14	3.8E-14	3.8E-14	1.6E-11	6.2E-13	6.2E-13	6.2E-13	6.2E-13	6.2E-13	6.2E-13	5.4E-13	5.4E-13	Cs134
Cs137	8.7E-13	2.7E-14	2.7E-14	2.7E-14	2.7E-14	8.5E-14	6.7E-14	1.1E-13	2.2E-13	2.7E-14	2.7E-14	2.7E-14	2.7E-14	1.1E-11	4.4E-13	4.4E-13	4.4E-13	4.4E-13	4.4E-13	4.4E-13	3.8E-13	3.8E-13	Cs137
Ba140	11.3E-11	3.9E-13	3.9E-13	3.9E-13	3.9E-13	1.2E-12	9.5E-13	1.7E-12	3.2E-12	3.9E-13	3.9E-13	3.9E-13	3.9E-13	1.6E-10	6.4E-12	6.4E-12	6.4E-12	6.4E-12	6.4E-12	6.4E-12	5.6E-12	5.6E-12	Ba140
La140	11.3E-11	4.0E-13	4.0E-13	4.0E-13	4.0E-13	1.2E-12	9.5E-13	1.6E-12	3.2E-12	4.0E-13	4.0E-13	4.0E-13	4.0E-13	1.6E-10	6.4E-12	6.4E-12	6.4E-12	6.4E-12	6.4E-12	6.4E-12	5.6E-12	5.6E-12	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1_SI A	U1_SI B	U1_TDAFW	U1_CCP A	U1_CCP B	U1_CCP C	HUT A RM	HUT B RM	BA_EVAP1	BA_EVAP2	SPARE669	U1Pen669	U2Pen669	Elev 706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdcon	RoadArea	WPKgArea	CDWE_Bdg	Gross
Gross	11.5E-06	1.5E-06	9.8E-06	1.5E-06	1.5E-06	1.5E-06	3.8E-06	3.8E-06	3.1E-07	3.1E-07	3.8E-06	5.6E-07	5.6E-07	9.6E-05	2.9E-09	2.9E-09	3.2E-05	3.2E-05	4.6E-05	3.7E-04	9.0E-05	2.9E-06	Gross
Kr85m	6.0E-08	6.0E-08	3.4E-07	6.0E-08	6.0E-08	6.0E-08	1.5E-07	1.5E-07	1.2E-08	1.2E-08	1.5E-07	2.2E-08	2.2E-08	3.8E-06	1.2E-10	1.2E-10	1.3E-06	1.3E-06	1.8E-06	1.5E-05	3.6E-06	1.1E-07	Kr85m
Kr87	12.2E-08	2.2E-08	1.9E-07	2.2E-08	2.2E-08	2.2E-08	5.5E-08	5.5E-08	4.4E-09	4.4E-09	5.5E-08	8.1E-09	8.1E-09	1.4E-06	4.2E-11	4.2E-11	4.7E-07	4.7E-07	6.6E-07	5.4E-06	1.3E-06	4.1E-08	Kr87
Kr88	11.1E-07	1.1E-07	7.3E-07	1.1E-07	1.1E-07	1.1E-07	2.8E-07	2.8E-07	2.3E-08	2.3E-08	2.8E-07	4.2E-08	4.2E-08	7.2E-06	2.2E-10	2.2E-10	2.4E-06	2.4E-06	3.4E-06	2.8E-05	6.7E-06	2.1E-07	Kr88
Xe133	9.3E-07	9.3E-07	6.1E-06	9.3E-07	9.3E-07	9.3E-07	2.4E-06	2.4E-06	1.9E-07	1.9E-07	2.4E-06	3.5E-07	3.5E-07	6.0E-05	1.8E-09	1.8E-09	2.0E-05	2.0E-05	2.8E-05	2.3E-04	5.6E-05	1.8E-06	Xe133
Xe133m	2.9E-08	2.9E-08	1.9E-07	2.9E-08	2.9E-08	2.9E-08	7.4E-08	7.4E-08	6.0E-09	6.0E-09	7.4E-08	1.1E-08	1.1E-08	1.9E-06	5.7E-11	5.7E-11	6.3E-07	6.3E-07	8.9E-07	7.3E-06	1.7E-06	5.5E-08	Xe133m
Xe135	12.4E-07	2.4E-07	1.6E-06	2.4E-07	2.4E-07	2.4E-07	6.1E-07	6.1E-07	5.0E-08	5.0E-08	6.1E-07	9.1E-08	9.1E-08	1.6E-05	4.7E-10	4.7E-10	5.2E-06	5.2E-06	7.4E-06	6.2E-05	1.5E-05	4.6E-07	Xe135
I131	6.7E-12	6.7E-12	4.4E-11	6.7E-12	6.7E-12	6.7E-12	1.7E-11	1.7E-11	1.4E-12	1.4E-12	1.7E-11	2.5E-12	2.5E-12	4.3E-10	1.3E-14	1.3E-14	1.4E-10	1.4E-10	2.0E-10	1.7E-09	4.0E-10	1.3E-11	I131
I132	12.6E-12	2.6E-12	1.7E-11	2.6E-12	2.6E-12	2.6E-12	6.5E-12	6.5E-12	5.3E-13	5.3E-13	6.5E-12	9.7E-13	9.7E-13	9.6E-13	1.7E-10	5.1E-15	5.6E-11	5.6E-11	7.9E-11	6.5E-10	1.5E-10	4.9E-12	I132
I133	11.2E-11	1.2E-11	7.9E-11	1.2E-11	1.2E-11	1.2E-11	3.1E-11	3.1E-11	2.5E-12	2.5E-12	3.1E-11	4.5E-12	4.5E-12	7.7E-10	2.4E-14	2.4E-14	2.6E-10	2.6E-10	3.7E-10	3.0E-09	7.2E-10	2.3E-11	I133
I134	14.8E-13	4.8E-13	3.1E-12	4.8E-13	4.8E-13	4.8E-13	1.2E-12	1.2E-12	9.9E-14	9.9E-14	1.2E-12	1.8E-13	1.8E-13	3.1E-11	9.4E-16	9.4E-16	1.0E-11	1.0E-11	1.5E-11	1.2E-10	2.9E-11	9.1E-13	I134
I135	8.5E-12	8.5E-12	5.5E-11	8.5E-12	8.5E-12	8.5E-12	2.2E-11	2.2E-11	1.7E-12	1.7E-12	2.2E-11	3.2E-12	3.2E-12	5.5E-10	1.7E-14	1.7E-14	1.8E-10	1.8E-10	2.6E-10	2.1E-09	5.1E-10	1.6E-11	I135
F18	12.2E-16	2.2E-16	1.3E-15	2.2E-16	2.2E-16	2.2E-16	5.5E-16	5.5E-16	4.6E-17	4.6E-17	5.5E-16	8.4E-17	8.4E-17	8.6E-15	5.1E-19	5.1E-19	4.4E-15	4.4E-15	4.7E-15	2.0E-14	8.0E-15	4.8E-16	F18
Co58	13.2E-18	3.2E-18	1.9E-17	3.2E-18	3.2E-18	3.2E-18	8.0E-18	8.0E-18	6.7E-19	6.7E-19	8.0E-18	1.2E-18	1.2E-18	1.3E-16	7.2E-21	7.2E-21	6.4E-17	6.4E-17	7.1E-17	5.3E-16	1.3E-16	6.8E-18	Co58
Co60	11.2E-18	1.2E-18	7.0E-18	1.2E-18	1.2E-18	1.2E-18	2.9E-18	2.9E-18	2.4E-19	2.4E-19	2.9E-18	4.3E-19	4.3E-19	5.4E-17	2.5E-21	2.5E-21	2.3E-17	2.3E-17	2.8E-17	1.6E-16	5.1E-17	2.4E-18	Co60
Rb88	19.7E-08	9.7E-08	6.3E-07																				

Elev 690		ChemLab	U1Pen690		U2Pen690		Decon690		RHR Hs1A		RHR Hs1B		RHR Hs2A		RHR Hs2B		U1 Pipe		U2 Pipe		Elev 714	U1Pen714		U2Pen714		Hot Shop	UIVaultE	UIVaultW	U2VaultE	U2VaultW	RfuElFlr	EGTS Rm	Os
Gross	12.3E-09	8.1E-02	3.6E-03	3.6E-03	1.2E-02	1.5E-04	1.5E-04	1.5E-04	1.5E-04	3.0E-03	3.1E-03	6.4E-02	9.6E-03	9.6E-03	9.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	11.2E-08	3.8E-09	1.4E-09	1.4E-09	4.8E-09	5.8E-11	5.8E-11	5.8E-11	5.8E-11	1.1E-09	1.1E-09	4.7E-08	4.1E-09	4.1E-09	3.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	1.1E-07	3.7E-08	1.3E-08	1.3E-08	4.6E-08	5.5E-10	5.5E-10	5.5E-10	5.5E-10	1.1E-08	1.1E-08	4.5E-07	4.0E-08	4.0E-08	3.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	12.9E-06	8.9E-07	4.0E-07	4.0E-07	1.3E-06	1.7E-08	1.7E-08	1.7E-08	1.7E-08	3.3E-07	3.4E-07	1.0E-05	1.1E-06	1.1E-06	1.0E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	1.1E-06	3.4E-07	1.5E-07	1.5E-07	5.1E-07	6.5E-09	6.5E-09	6.5E-09	6.5E-09	1.3E-07	1.3E-07	3.9E-06	4.3E-07	4.0E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	5.3E-06	1.6E-06	7.2E-07	7.2E-07	2.4E-06	3.0E-08	3.0E-08	3.0E-08	3.0E-08	6.0E-07	6.1E-07	1.8E-05	2.0E-06	2.0E-06	1.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	12.1E-07	6.3E-08	2.9E-08	2.9E-08	9.6E-08	1.2E-09	1.2E-09	1.2E-09	1.2E-09	2.4E-08	2.4E-08	7.2E-07	8.1E-08	8.1E-08	7.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	1.3E-06	1.1E-06	5.1E-07	5.1E-07	1.7E-06	2.1E-08	2.1E-08	2.1E-08	2.1E-08	4.2E-07	4.3E-07	1.3E-05	1.4E-06	1.4E-06	1.3E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	1.1E-10	2.4E-11	2.4E-11	2.4E-11	6.7E-11	1.1E-12	1.1E-12	1.1E-12	1.1E-12	2.1E-11	2.1E-11	2.7E-10	5.3E-11	5.3E-11	4.9E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	1.6E-12	7.1E-14	3.3E-13	3.3E-13	9.3E-13	1.5E-14	1.5E-14	1.5E-14	1.5E-14	2.9E-13	2.9E-13	4.0E-12	7.4E-13	7.4E-13	6.9E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	15.5E-13	2.6E-14	1.1E-13	1.1E-13	3.1E-13	4.8E-15	4.8E-15	4.8E-15	4.8E-15	9.2E-14	9.4E-14	1.5E-12	2.5E-13	2.5E-13	2.3E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	1.9E-02	6.7E-02	3.0E-03	3.0E-03	9.5E-03	1.3E-04	1.3E-04	1.3E-04	1.3E-04	2.5E-03	2.5E-03	5.3E-02	7.9E-03	7.9E-03	7.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	12.2E-12	9.6E-14	4.9E-13	4.9E-13	1.3E-12	2.2E-14	2.2E-14	2.2E-14	2.2E-14	4.2E-13	4.3E-13	5.4E-12	1.1E-12	1.1E-12	9.9E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	13.3E-08	2.0E-09	4.5E-09	4.5E-09	1.5E-08	1.9E-10	1.9E-10	1.9E-10	1.9E-10	3.7E-09	3.8E-09	1.1E-07	1.3E-08	1.3E-08	1.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	1.1E-13	7.8E-15	4.0E-14	4.0E-14	1.1E-13	1.8E-15	1.8E-15	1.8E-15	1.8E-15	3.4E-14	3.5E-14	4.6E-13	8.6E-14	8.6E-14	8.1E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	12.6E-13	1.1E-14	5.6E-14	5.6E-14	1.5E-13	2.6E-15	2.6E-15	2.6E-15	2.6E-15	4.9E-14	5.0E-14	6.2E-13	1.2E-13	1.2E-13	1.1E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	2.7E-07	1.6E-08	3.7E-08	3.7E-08	1.2E-07	1.6E-09	1.6E-09	1.6E-09	1.6E-09	3.1E-08	3.1E-08	9.3E-07	1.0E-07	1.0E-07	9.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	1.1E-07	1.1E-08	2.6E-08	2.6E-08	8.7E-08	1.1E-09	1.1E-09	1.1E-09	1.1E-09	2.2E-08	2.2E-08	6.6E-07	7.3E-08	7.3E-08	6.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	2.8E-06	1.7E-07	3.8E-07	3.8E-07	1.3E-06	1.6E-08	1.6E-08	1.6E-08	1.6E-08	3.2E-07	3.2E-07	9.6E-06	1.1E-06	1.1E-06	1.0E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	2.8E-06	1.7E-07	3.8E-07	3.8E-07	1.3E-06	1.6E-08	1.6E-08	1.6E-08	1.6E-08	3.2E-07	3.2E-07	9.7E-06	1.1E-06	1.1E-06	1.0E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	U1 RCS	U1 UCmnt	U1 LCmnt	U1 Sump	U1 SG 1	U1 SG 2	U1 SG 3	U1 SG 4	SGBD Mix	SI 1A HL	SI 1B HL	SI 1 CL	CVCS Pmp	Letdown	VCT	RHR1A HL	RHR1B HL	RHR1A CL	RHR1B CL	U1 CS A	U1 CS B	U1 CCS	Gross
Gross	17.5E+03	1.7E-01	8.4E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-07	7.6E-02	7.0E-02	3.0E-02	7.5E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	17.9E+01	6.5E-03	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-09	7.5E-04	7.0E-04	3.0E-04	7.9E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	12.6E+01	2.1E-03	1.0E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.3E-10	1.1E-04	1.0E-04	4.2E-05	2.6E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	11.4E+02	1.2E-02	5.8E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.5E-09	1.1E-03	1.0E-03	4.4E-04	1.5E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	11.3E+03	1.1E-01	5.2E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-07	2.0E-02	1.8E-02	7.8E-03	1.3E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	14.0E+01	3.3E-03	1.6E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.5E-08	1.1E-02	1.0E-02	4.4E-03	4.0E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	14.4E+02	2.8E-02	1.7E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.5E-08	1.1E-02	1.0E-02	4.4E-03	4.5E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	16.1E+02	1.5E-04	7.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.7E-09	4.6E-04	4.3E-04	1.8E-04	6.2E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	12.2E+02	5.5E-05	2.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.2E-09	1.2E-03	1.1E-03	4.8E-04	2.2E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	11.1E+03	2.7E-04	1.3E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-08	3.5E-03	3.2E-03	1.4E-03	1.1E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	13.6E+01	8.9E-06	4.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-09	2.0E-04	1.8E-04	7.7E-05	3.6E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	17.6E+02	1.9E-04	9.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.2E-08	3.8E-03	3.5E-03	1.5E-03	7.6E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	12.8E-03	8.9E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.7E-08	1.7E-02	1.5E-02	6.5E-03	2.9E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	11.5E-04	2.7E-10	1.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.7E-09	4.7E-04	4.4E-04	1.9E-04	1.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	9.1E-05	8.6E-11	1.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.5E-10	1.3E-04	1.2E-04	5.1E-05	9.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	11.4E+02	1.1E-02	3.1E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.4E-09	1.1E-03	1.0E-03	4.3E-04	1.4E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	1.2E-04	3.9E-10	1.5E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.3E-09	7.3E-04	6.8E-04	2.9E-04	1.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	15.1E-04	5.4E-07	2.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E-08	3.0E-03	2.8E-03	1.2E-03	5.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Tel29	11.2E+01	2.9E-06	1.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tel29
Nb95	11.0E-05	3.2E-11	1.2E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.5E-10	6.0E-05	5.5E-05	2.4E-05	1.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	11.4E-05	4.5E-11	1.7E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.9E-10	8.4E-05	7.8E-05	3.3E-05	1.5E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	11.1E+02	2.8E-05	1.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	18.0E+01	2.0E-05	9.7E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.1E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	11.2E+03	2.9E-04	1.4E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	11.2E+03	2.9E-04	1.4E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	Outside	River	ERCW 1A	ERCW 1B	ERCW 2A	ERCW 2B	EGTS A	EGTS B	Annulus1	Annulus2	WGDTeff1	SHLDbld1	SHLDbld2	AB VENT	ABGTS A	ABGTS B	PURGE A	PURGE B				Gross	
Gross	16.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E+00	0.0E+00	3.2E-01	0.0E+00	0.0E+00	3.2E-01	0.0E+00	0.0E+00	1.6E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross	
Kr85m	12.6E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.6E-02	0.0E+00	2.3E-02	0.0E+00	0.0E+00	1.3E-02	0.0E+00	0.0E+00	6.6E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m	
Kr87	18.4E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-02	0.0E+00	7.6E-03	0.0E+00	0.0E+00	4.2E-03	0.0E+00	0.0E+00	2.2E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87	
Kr88	14.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.5E-02	0.0E+00	4.3E-02	0.0E+00	0.0E+00	2.4E-02	0.0E+00	0.0E+00	1.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88	
Xe133	14.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.5E-01	0.0E+00	3.8E-01	0.0E+00	0.0E+00	2.1E-01	0.0E+00	0.0E+00	1.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133	
Xe133m	1.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.3E-02	0.0E+00	1.2E-02	0.0E+00	0.0E+00	6.5E-03	0.0E+00	0.0E+00	3.4E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m	
Xe135	11.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-01	0.0E+00	1.0E-01	0.0E+00	0.0E+00	5.5E-02	0.0E+00	0.0E+00	2.8E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135	
I131	13.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.4E-06	0.0E+00	5.4E-04	0.0E+00	0.0E+00	1.5E-06	0.0E+00	0.0E+00	3.9E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131	
I132	11.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.9E-06	0.0E+00	1.9E-04	0.0E+00	0.0E+00	5.4E-07	0.0E+00	0.0E+00	1.4E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132	
I133	15.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.6E-06	0.0E+00	9.7E-04	0.0E+00	0.0E+00	2.7E-06	0.0E+00	0.0E+00	7.0E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133	
I134	11.8E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.2E-07	0.0E+00	3.2E-05	0.0E+00	0.0E+00	8.8E-08	0.0E+00	0.0E+00	2.3E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134	
I135	13.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.7E-06	0.0E+00	6.7E-04	0.0E+00	0.0E+00	1.9E-06	0.0E+00	0.0E+00	4.8E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135	
F18	12.7E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-11	0.0E+00	4.8E-09	0.0E+00	0.0E+00	1.3E-11	0.0E+00	0.0E+00	6.1E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18	
Co58	15.4E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.8E-13	0.0E+00	2.0E-10	0.0E+00	0.0E+00	2.7E-13	0.0E+00	0.0E+00	5.4E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58	
Co60	12.7E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-13	0.0E+00	9.8E-11	0.0E+00	0.0E+00	1.4E-13	0.0E+00	0.0E+00	2.3E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60	
Rb88	12.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.5E-02	0.0E+00	4.1E-02	0.0E+00	0.0E+00	9.6E-03	0.0E+00	0.0E+00	3.6E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88</	

	Elev 653	U1_RHR A	U1_RHR B	U1_CS A	U1_CS B	TDCT_RM	FDCT_RM	EVAP_PMP	STRIP_RM	U2_RHR A	U2_RHR B	U2_CS A	U2_CS B	Elev 669	U2_S1 A	U2_S1 B	U2_TDAFW	U2_CCP A	U2_CCP B	U2_CCP C	WGDT_RM1	WGDT_RM2	Gross
Gross	14.4E-06	1.6E-07	1.6E-07	1.6E-07	1.6E-07	1.6E-07	3.7E-07	6.6E-07	1.2E-06	1.6E-07	1.6E-07	1.6E-07	1.6E-07	4.9E-05	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.2E-06	1.9E-06	1.9E-06	Kr85m
Kr85m	11.7E-07	6.0E-09	6.0E-09	6.0E-09	6.0E-09	1.9E-08	1.4E-08	2.5E-08	4.7E-08	6.0E-09	6.0E-09	6.0E-09	6.0E-09	1.9E-06	8.6E-08	8.6E-08	8.6E-08	8.6E-08	8.6E-08	8.6E-08	7.5E-08	7.5E-08	Kr85m
Kr87	15.6E-08	2.0E-09	2.0E-09	2.0E-09	2.0E-09	6.2E-09	4.8E-09	8.4E-09	1.6E-08	2.0E-09	2.0E-09	2.0E-09	2.0E-09	6.2E-07	2.8E-08	2.8E-08	2.8E-08	2.8E-08	2.8E-08	2.8E-08	2.5E-08	2.5E-08	Kr87
Kr88	13.1E-07	1.1E-08	1.1E-08	1.1E-08	1.1E-08	3.5E-08	2.7E-08	4.7E-08	8.7E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	3.5E-06	1.6E-07	1.6E-07	1.6E-07	1.6E-07	1.6E-07	1.6E-07	1.4E-07	1.4E-07	Kr88
Xel133	12.8E-06	9.8E-08	9.8E-08	9.8E-08	9.8E-08	3.1E-07	2.3E-07	4.1E-07	7.7E-07	9.8E-08	9.8E-08	9.8E-08	9.8E-08	3.1E-05	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.2E-06	1.2E-06	Xel133
Xel133m	8.6E-08	3.1E-09	3.1E-09	3.1E-09	3.1E-09	9.5E-09	7.3E-09	1.3E-08	2.4E-08	3.1E-09	3.1E-09	3.1E-09	3.1E-09	9.6E-07	4.3E-08	4.3E-08	4.3E-08	4.3E-08	4.3E-08	4.3E-08	3.8E-08	3.8E-08	Xel133m
Xel135	17.1E-07	2.5E-08	2.5E-08	2.5E-08	2.5E-08	7.8E-08	6.0E-08	1.1E-07	2.0E-07	2.5E-08	2.5E-08	2.5E-08	2.5E-08	7.9E-06	3.6E-07	3.6E-07	3.6E-07	3.6E-07	3.6E-07	3.6E-07	3.1E-07	3.1E-07	Xel135
I131	12.0E-11	7.0E-13	7.0E-13	7.0E-13	7.0E-13	2.2E-12	1.7E-12	3.0E-12	5.5E-12	7.0E-13	7.0E-13	7.0E-13	7.0E-13	2.2E-10	1.0E-11	1.0E-11	1.0E-11	1.0E-11	1.0E-11	1.0E-11	8.7E-12	8.7E-12	I131
I132	17.1E-12	2.5E-13	2.5E-13	2.5E-13	2.5E-13	7.9E-13	6.0E-13	1.1E-12	2.0E-12	2.5E-13	2.5E-13	2.5E-13	2.5E-13	7.9E-11	3.6E-12	3.6E-12	3.6E-12	3.6E-12	3.6E-12	3.6E-12	3.1E-12	3.1E-12	I132
I133	13.5E-11	1.3E-12	1.3E-12	1.3E-12	1.3E-12	3.9E-12	3.0E-12	5.3E-12	9.9E-12	1.3E-12	1.3E-12	1.3E-12	1.3E-12	3.9E-10	1.6E-11	1.6E-11	1.6E-11	1.6E-11	1.6E-11	1.6E-11	1.4E-11	1.4E-11	I133
I134	11.2E-12	4.1E-14	4.1E-14	4.1E-14	4.1E-14	1.3E-13	9.9E-14	1.7E-13	3.2E-13	4.1E-14	4.1E-14	4.1E-14	4.1E-14	1.3E-11	5.9E-13	5.9E-13	5.9E-13	5.9E-13	5.9E-13	5.9E-13	5.1E-13	5.1E-13	I134
I135	12.5E-11	8.7E-13	8.7E-13	8.7E-13	8.7E-13	2.7E-12	2.1E-12	3.7E-12	6.8E-12	8.7E-13	8.7E-13	8.7E-13	8.7E-13	2.7E-10	1.2E-11	1.2E-11	1.2E-11	1.2E-11	1.2E-11	1.2E-11	1.1E-11	1.1E-11	I135
F18	15.0E-16	2.8E-17	2.8E-17	2.8E-17	2.8E-17	8.3E-17	6.4E-17	1.1E-16	1.9E-16	2.8E-17	2.8E-17	2.8E-17	2.8E-17	3.8E-15	2.6E-16	2.6E-16	2.6E-16	2.6E-16	2.6E-16	2.6E-16	2.3E-16	2.3E-16	F18
Co58	18.2E-18	4.3E-19	4.3E-19	4.3E-19	4.3E-19	1.3E-18	1.0E-18	1.7E-18	3.0E-18	4.3E-19	4.3E-19	4.3E-19	4.3E-19	6.6E-17	4.2E-18	4.2E-18	4.2E-18	4.2E-18	4.2E-18	4.2E-18	3.7E-18	3.7E-18	Co58
Co60	13.0E-18	1.5E-19	1.5E-19	1.5E-19	1.5E-19	4.4E-19	3.4E-19	5.9E-19	1.1E-18	1.5E-19	1.5E-19	1.5E-19	1.5E-19	2.7E-17	1.6E-18	1.6E-18	1.6E-18	1.6E-18	1.6E-18	1.6E-18	1.4E-18	1.4E-18	Co60
Rb88	12.8E-07	1.0E-08	1.0E-08	1.0E-08	1.0E-08	3.2E-08	2.4E-08	4.3E-08	7.9E-08	1.0E-08	1.0E-08	1.0E-08	1.0E-08	2.9E-06	1.4E-07	1.4E-07	1.4E-07	1.4E-07	1.4E-07	1.4E-07	1.2E-07	1.2E-07	Rb88
Na24	1.1E-17	6.0E-19	6.0E-19	6.0E-19	6.0E-19	1.8E-18	1.4E-18	2.4E-18	4.2E-18	6.0E-19	6.0E-19	6.0E-19	6.0E-19	8.3E-17	5.7E-18	5.7E-18	5.7E-18	5.7E-18	5.7E-18	5.7E-18	5.0E-18	5.0E-18	Na24
Ar41	16.1E-12	3.4E-13	3.4E-13	3.4E-13	3.4E-13	1.0E-12	7.8E-13	1.3E-12	2.3E-12	3.4E-13	3.4E-13	3.4E-13	3.4E-13	4.6E-11	3.2E-12	3.2E-12	3.2E-12	3.2E-12	3.2E-12	3.2E-12	2.8E-12	2.8E-12	Ar41
Te129	11.9E-13	6.8E-15	6.8E-15	6.8E-15	6.8E-15	2.1E-14	1.6E-14	2.8E-14	5.3E-14	6.8E-15	6.8E-15	6.8E-15	6.8E-15	2.1E-12	9.6E-14	9.6E-14	9.6E-14	9.6E-14	9.6E-14	9.6E-14	8.4E-14	8.4E-14	Te129
Nb95	19.1E-19	5.0E-20	5.0E-20	5.0E-20	5.0E-20	1.5E-19	1.2E-19	2.0E-19	3.5E-19	5.0E-20	5.0E-20	5.0E-20	5.0E-20	6.9E-18	4.7E-19	4.7E-19	4.7E-19	4.7E-19	4.7E-19	4.7E-19	4.1E-19	4.1E-19	Nb95
Tc99m	11.3E-18	7.0E-20	7.0E-20	7.0E-20	7.0E-20	2.1E-19	1.6E-19	2.8E-19	4.9E-19	7.0E-20	7.0E-20	7.0E-20	7.0E-20	9.7E-18	6.6E-19	6.6E-19	6.6E-19	6.6E-19	6.6E-19	6.6E-19	5.8E-19	5.8E-19	Tc99m
Cs134	11.8E-12	6.5E-14	6.5E-14	6.5E-14	6.5E-14	2.0E-13	1.6E-13	2.7E-13	5.1E-13	6.5E-14	6.5E-14	6.5E-14	6.5E-14	2.0E-11	9.3E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13	8.1E-13	8.1E-13	Cs134
Cs137	11.3E-12	4.6E-14	4.6E-14	4.6E-14	4.6E-14	1.4E-13	1.1E-13	1.9E-13	3.6E-13	4.6E-14	4.6E-14	4.6E-14	4.6E-14	1.4E-11	6.5E-13	6.5E-13	6.5E-13	6.5E-13	6.5E-13	6.5E-13	5.7E-13	5.7E-13	Cs137
Ba140	11.9E-11	6.7E-13	6.7E-13	6.7E-13	6.7E-13	2.1E-12	1.6E-12	2.8E-12	5.3E-12	6.7E-13	6.7E-13	6.7E-13	6.7E-13	2.1E-10	9.6E-12	9.6E-12	9.6E-12	9.6E-12	9.6E-12	9.6E-12	8.3E-12	8.3E-12	Ba140
La140	11.9E-11	6.8E-13	6.8E-13	6.8E-13	6.8E-13	2.1E-12	1.6E-12	2.8E-12	5.3E-12	6.8E-13	6.8E-13	6.8E-13	6.8E-13	2.1E-10	9.6E-12	9.6E-12	9.6E-12	9.6E-12	9.6E-12	9.6E-12	8.4E-12	8.4E-12	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1_S1 A	U1_S1 B	U1_TDAFW	U2_CCP A	U2_CCP B	U2_CCP C	HUT A RM	BA_EVAP1	BA_EVAP2	SPARE669	U2Pen669	U2Pen669	Elev 706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdcon	RRoadBay	WPkgArea	CDWE_Bdg	Gross	
Gross	12.2E-06	2.2E-06	1.4E-05	2.2E-06	2.2E-06	2.2E-06	5.6E-06	5.6E-06	4.6E-07	4.6E-07	5.6E-06	8.3E-07	8.3E-07	1.3E-04	4.7E-09	4.7E-09	4.9E-05	4.9E-05	6.3E-05	4.1E-04	4.5E-06	Kr85m	
Kr85m	18.6E-08	8.6E-08	5.5E-07	8.6E-08	8.6E-08	8.6E-08	2.2E-07	2.2E-07	1.8E-08	1.8E-08	2.2E-07	3.2E-08	3.2E-08	5.0E-06	1.8E-10	1.8E-10	1.9E-06	1.9E-06	2.4E-06	1.6E-05	4.6E-06	Kr85m	
Kr87	12.8E-08	2.8E-08	1.8E-07	2.8E-08	2.8E-08	2.8E-08	7.1E-08	7.1E-08	5.8E-09	5.8E-09	7.1E-08	1.1E-08	1.1E-08	1.6E-06	5.9E-11	5.9E-11	6.2E-07	6.2E-07	8.0E-07	5.3E-06	1.5E-06	Kr87	
Kr88	11.6E-07	1.6E-07	1.0E-06	1.6E-07	1.6E-07	1.6E-07	4.0E-07	4.0E-07	3.3E-08	3.3E-08	4.0E-07	5.9E-08	5.9E-08	9.1E-06	3.3E-10	3.3E-10	3.5E-06	3.5E-06	4.5E-06	3.0E-05	8.5E-06	Kr88	
Xel133	11.4E-06	1.4E-06	8.9E-06	1.4E-06	1.4E-06	1.4E-06	3.5E-06	3.5E-06	2.9E-07	2.9E-07	3.5E-06	5.2E-07	5.2E-07	8.1E-05	2.9E-09	2.9E-09	3.1E-05	3.1E-05	4.0E-05	2.6E-04	7.5E-05	Xel133	
Xel133m	4.3E-08	4.3E-08	2.8E-07	4.3E-08	4.3E-08	4.3E-08	1.1E-07	1.1E-07	9.0E-09	9.0E-09	1.1E-07	1.6E-08	1.6E-08	2.5E-06	9.1E-11	9.1E-11	9.6E-07	9.6E-07	1.2E-06	8.2E-06	2.3E-06	Xel133m	
Xel135	13.6E-07	3.6E-07	2.3E-06	3.6E-07	3.6E-07	3.6E-07	9.0E-07	9.0E-07	7.4E-08	7.4E-08	9.0E-07	1.3E-07	1.3E-07	2.1E-05	7.5E-10	7.5E-10	7.9E-06	7.9E-06	1.0E-05	6.8E-05	1.9E-05	Xel135	
I131	11.0E-11	1.0E-11	6.4E-11	1.0E-11	1.0E-11	1.0E-11	2.5E-11	2.5E-11	2.1E-12	2.1E-12	2.5E-11	3.8E-12	3.7E-12	5.8E-10	2.1E-14	2.1E-14	2.2E-10	2.2E-10	2.8E-10	1.9E-09	5.4E-10	I131	
I132	13.6E-12	3.6E-12	2.3E-11	3.6E-12	3.6E-12	3.6E-12	9.0E-12	9.0E-12	7.4E-13	7.4E-13	9.0E-12	1.3E-12	1.3E-12	2.1E-10	7.5E-15	7.5E-15	7.9E-11	7.9E-11	1.0E-10	6.7E-10	1.9E-10	I132	
I133	11.8E-11	1.8E-11	1.1E-10	1.8E-11	1.8E-11	1.8E-11	4.5E-11	4.5E-11	3.7E-12	3.7E-12	4.5E-11	6.7E-12	6.7E-12	1.0E-09	3.8E-14	3.8E-14	3.9E-10	3.9E-10	5.1E-10	3.4E-09	9.6E-10	I133	
I134	15.9E-13	5.9E-13	3.7E-12	5.9E-13	5.9E-13	5.9E-13	1.5E-12	1.5E-12	1.2E-13	1.2E-13	1.5E-12	2.2E-13	2.2E-13	3.4E-11	1.2E-15	1.2E-15	1.3E-11	1.3E-11	1.7E-11	1.4E-10	3.2E-11	I134	
I135	11.2E-11	1.2E-11	7.9E-11	1.2E-11	1.2E-11	1.2E-11	3.1E-11	3.1E-11	2.6E-12	2.6E-12	3.1E-11	4.7E-12	4.6E-12	7.2E-10	2.6E-14	2.6E-14	2.7E-10	2.7E-10	3.5E-10	2.3E-09	6.7E-10	I135	
F18	12.6E-16	2.6E-16	1.5E-15	2.6E-16	2.6E-16	2.6E-16	6.3E-16	6.3E-16	5.5E-17	5.5E-17	6.3E-16	9.9E-17	9.8E-17	9.1E-15	5.9E-19	5.9E-19	4.9E-15	4.9E-15	5.0E-15	2.0E-14	8.5E-15	F18	
Co58	14.2E-18	4.2E-18	2.5E-17	4.2E-18	4.2E-18	4.2E-18	1.0E-17	1.0E-17	8.9E-19	8.9E-19	1.0E-17	1.6E-18	1.6E-18	9.5E-21	9.5E-21	9.5E-21	8.2E-17	8.2E-17	8.7E-17	3.8E-16	1.5E-16	Co58	
Co60	11.6E-18	1.6E-18	9.3E-18	1.6E-18	1.6E-18	1.6E-18	3.9E-18	3.9E-18	3.3E-19	3.3E-19	3.9E-18	5.9E-19	5.9E-19	6.7E-17	3.4E-21	3.4E-21	3.1E-17	3.1E-17	3.5E-17	1.8E-16	6.3E-17	Co60	
Rb88	11.4E-07	1.4E-07	8.9E-07	1.4E-07	1.4E-07	1.4E-07	3.5E-07	3.5E-07	2.9E-08	2.9E-08	3.5E-07	5.3E-08	5.3E-08	7.9E-06	3.0E-10	3.0E-10	3.1E-06	3.1E					

	Elev 653	U1_RHR A	U1_RHR B	U1_CS A	U1_CS B	TDCT RM	FDCT RM	EVAP FMP	STRIP RM	U2_RHR A	U2_RHR B	U2_CS A	U2_CS B	Elev 669	U2_SI A	U2_SI B	U2_TDAFW	U2_CCP A	U2_CCP B	U2_CCP C	WGDT RM1	WGDT RM2	
Gross	11.5E-03	4.9E-05	4.9E-05	4.9E-05	4.9E-05	1.5E-04	1.2E-04	2.1E-04	3.9E-04	4.9E-05	4.9E-05	4.9E-05	4.9E-05	1.7E-02	7.4E-04	7.4E-04	7.4E-04	7.4E-04	7.4E-04	7.4E-04	0.0E+00	0.0E+00	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	17.9E-10	2.0E-11	2.0E-11	2.0E-11	2.0E-11	6.4E-11	4.9E-11	8.7E-11	1.7E-10	2.0E-11	2.0E-11	2.0E-11	2.0E-11	1.4E-08	4.0E-10	4.0E-10	4.0E-10	4.0E-10	4.0E-10	4.0E-10	4.0E-10	4.0E-10	Xe133
Xe133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	17.5E-09	1.9E-10	1.9E-10	1.9E-10	1.9E-10	6.0E-10	4.6E-10	8.2E-10	1.6E-09	1.9E-10	1.9E-10	1.9E-10	1.9E-10	1.3E-07	3.7E-09	3.7E-09	3.7E-09	3.7E-09	3.7E-09	3.7E-09	3.7E-09	3.7E-09	Xe135
I131	11.9E-07	5.6E-09	5.6E-09	5.6E-09	5.6E-09	1.8E-08	1.3E-08	2.4E-08	4.5E-08	5.6E-09	5.6E-09	5.6E-09	5.6E-09	2.7E-06	9.5E-08	9.5E-08	9.5E-08	9.5E-08	9.5E-08	9.5E-08	9.5E-08	9.5E-08	I131
I132	16.8E-08	2.0E-09	2.0E-09	2.0E-09	2.0E-09	6.3E-09	4.8E-09	8.5E-09	1.6E-08	2.0E-09	2.0E-09	2.0E-09	2.0E-09	9.7E-07	3.4E-08	3.4E-08	3.4E-08	3.4E-08	3.4E-08	3.4E-08	3.4E-08	3.4E-08	I132
I133	13.4E-07	1.0E-08	1.0E-08	1.0E-08	1.0E-08	3.1E-08	2.4E-08	4.3E-08	8.1E-08	1.0E-08	1.0E-08	1.0E-08	1.0E-08	4.9E-06	1.7E-07	1.7E-07	1.7E-07	1.7E-07	1.7E-07	1.7E-07	1.7E-07	1.7E-07	I133
I134	11.1E-08	3.3E-10	3.3E-10	3.3E-10	3.3E-10	1.0E-09	7.9E-10	1.4E-09	2.7E-09	3.3E-10	3.3E-10	3.3E-10	3.3E-10	1.6E-07	5.6E-09	5.6E-09	5.6E-09	5.6E-09	5.6E-09	5.6E-09	5.6E-09	5.6E-09	I134
I135	12.4E-07	6.9E-09	6.9E-09	6.9E-09	6.9E-09	2.2E-08	1.7E-08	2.9E-08	5.6E-08	6.9E-09	6.9E-09	6.9E-09	6.9E-09	3.4E-06	1.2E-07	1.2E-07	1.2E-07	1.2E-07	1.2E-07	1.2E-07	1.2E-07	1.2E-07	I135
F18	17.6E-12	3.4E-13	3.4E-13	3.4E-13	3.4E-13	1.0E-12	8.1E-13	1.4E-12	2.5E-12	3.4E-13	3.4E-13	3.4E-13	3.4E-13	7.2E-11	3.9E-12	3.9E-12	3.9E-12	3.9E-12	3.9E-12	3.9E-12	3.9E-12	3.9E-12	F18
Co58	11.2E-13	5.1E-15	5.1E-15	5.1E-15	5.1E-15	1.6E-14	1.2E-14	2.1E-14	3.8E-14	5.1E-15	5.1E-15	5.1E-15	5.1E-15	1.2E-12	6.0E-14	6.0E-14	6.0E-14	6.0E-14	6.0E-14	6.0E-14	6.0E-14	6.0E-14	Co58
Co60	14.0E-14	1.6E-15	1.6E-15	1.6E-15	1.6E-15	5.0E-15	3.9E-15	6.7E-15	1.2E-14	1.6E-15	1.6E-15	1.6E-15	1.6E-15	4.3E-13	2.0E-14	2.0E-14	2.0E-14	2.0E-14	2.0E-14	2.0E-14	2.0E-14	2.0E-14	Co60
Rb88	11.2E-03	4.0E-05	4.0E-05	4.0E-05	4.0E-05	1.3E-04	9.7E-05	1.7E-04	3.2E-04	4.0E-05	4.0E-05	4.0E-05	4.0E-05	1.4E-02	6.1E-04	6.1E-04	6.1E-04	6.1E-04	6.1E-04	6.1E-04	6.1E-04	6.1E-04	Rb88
Na24	11.7E-13	7.5E-15	7.5E-15	7.5E-15	7.5E-15	2.3E-14	1.8E-14	3.0E-14	5.5E-14	7.5E-15	7.5E-15	7.5E-15	7.5E-15	1.6E-12	8.5E-14	8.5E-14	8.5E-14	8.5E-14	8.5E-14	8.5E-14	8.5E-14	8.5E-14	Na24
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	11.8E-09	5.4E-11	5.4E-11	5.4E-11	5.4E-11	1.7E-10	1.3E-10	2.3E-10	4.4E-10	5.4E-11	5.4E-11	5.4E-11	5.4E-11	2.6E-08	9.2E-10	9.2E-10	9.2E-10	9.2E-10	9.2E-10	9.2E-10	9.2E-10	9.2E-10	Te129
Nb95	11.4E-14	6.2E-16	6.2E-16	6.2E-16	6.2E-16	1.9E-15	1.5E-15	2.5E-15	4.5E-15	6.2E-16	6.2E-16	6.2E-16	6.2E-16	1.3E-13	6.9E-15	6.9E-15	6.9E-15	6.9E-15	6.9E-15	6.9E-15	6.9E-15	6.9E-15	Nb95
Tc99m	11.9E-14	8.7E-16	8.7E-16	8.7E-16	8.7E-16	2.6E-15	2.0E-15	3.5E-15	6.4E-15	8.7E-16	8.7E-16	8.7E-16	8.7E-16	1.8E-13	9.8E-15	9.8E-15	9.8E-15	9.8E-15	9.8E-15	9.8E-15	9.8E-15	9.8E-15	Tc99m
Cs134	11.8E-08	5.2E-10	5.2E-10	5.2E-10	5.2E-10	1.6E-09	1.2E-09	2.2E-09	4.2E-09	5.2E-10	5.2E-10	5.2E-10	5.2E-10	2.5E-07	8.8E-09	8.8E-09	8.8E-09	8.8E-09	8.8E-09	8.8E-09	8.8E-09	8.8E-09	Cs134
Cs137	11.2E-08	3.6E-10	3.6E-10	3.6E-10	3.6E-10	1.1E-09	8.8E-10	1.6E-09	2.9E-09	3.6E-10	3.6E-10	3.6E-10	3.6E-10	1.8E-07	6.2E-09	6.2E-09	6.2E-09	6.2E-09	6.2E-09	6.2E-09	6.2E-09	6.2E-09	Cs137
Ba140	11.8E-07	5.3E-09	5.3E-09	5.3E-09	5.3E-09	1.7E-08	1.3E-08	2.3E-08	4.3E-08	5.3E-09	5.3E-09	5.3E-09	5.3E-09	2.6E-06	9.1E-08	9.1E-08	9.1E-08	9.1E-08	9.1E-08	9.1E-08	9.1E-08	9.1E-08	Ba140
La140	11.8E-07	5.4E-09	5.4E-09	5.4E-09	5.4E-09	1.7E-08	1.3E-08	2.3E-08	4.3E-08	5.4E-09	5.4E-09	5.4E-09	5.4E-09	2.6E-06	9.2E-08	9.2E-08	9.2E-08	9.2E-08	9.2E-08	9.2E-08	9.2E-08	9.2E-08	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1 SI A	U1 SI B	U1 TDAFW	U1 CCP A	U1 CCP B	HUT A RM	HUT B RM	BA EVAP1	BA EVAP2	SPARE669	U1Pen669	U2Pen669	Elev 706	U1 UHI	U2 UHI	U1 PASF	U2 PASF	CASKdcon	RoadBay	WPKgArea	CDWE Bdg		
Gross	17.4E-04	7.4E-04	4.8E-03	7.4E-04	7.4E-04	1.9E-03	1.9E-03	1.5E-04	1.5E-04	1.9E-03	2.8E-04	2.8E-04	4.6E-02	1.3E-06	1.3E-06	1.6E-02	1.6E-02	2.2E-02	1.5E-01	4.2E-02	1.5E-03	Gross	
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m	
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87	
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88	
Xe133	14.0E-10	4.0E-10	2.7E-09	4.0E-10	4.0E-10	1.0E-09	1.0E-09	8.1E-11	8.1E-11	1.0E-09	1.5E-10	1.5E-10	2.8E-08	5.1E-13	5.1E-13	7.6E-09	7.6E-09	1.3E-08	1.8E-07	2.6E-08	6.4E-10	Xe133	
Xe133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m	
Xe135	13.7E-09	3.7E-09	2.5E-08	3.7E-09	3.7E-09	9.5E-09	9.5E-09	7.6E-10	7.6E-10	9.5E-09	1.4E-09	1.4E-09	2.6E-07	4.9E-12	4.9E-12	7.1E-08	7.1E-08	1.2E-07	1.7E-06	2.4E-07	6.0E-09	Xe135	
I131	19.5E-08	9.5E-08	6.3E-07	9.5E-08	9.5E-08	9.5E-08	2.4E-07	2.4E-07	2.0E-08	2.4E-07	3.6E-08	3.6E-08	6.3E-06	1.5E-10	1.5E-10	2.0E-06	2.0E-06	3.0E-06	3.1E-05	5.9E-06	1.7E-07	I131	
I132	13.4E-08	3.4E-08	2.3E-07	3.4E-08	3.4E-08	3.4E-08	8.7E-08	8.7E-08	7.0E-09	8.7E-08	1.3E-08	1.3E-08	2.3E-06	5.2E-11	5.2E-11	7.0E-07	7.0E-07	1.1E-06	1.1E-05	2.1E-06	6.1E-08	I132	
I133	11.7E-07	1.7E-07	1.1E-06	1.7E-07	1.7E-07	1.7E-07	4.3E-07	4.3E-07	3.5E-08	4.3E-07	6.4E-08	6.4E-08	1.1E-05	2.6E-10	2.6E-10	3.5E-06	3.5E-06	5.3E-06	5.5E-05	1.0E-05	3.1E-07	I133	
I134	15.6E-09	5.6E-09	3.7E-08	5.6E-09	5.6E-09	5.6E-09	1.4E-08	1.4E-08	1.2E-09	1.4E-08	2.1E-09	2.1E-09	3.7E-07	8.5E-12	8.5E-12	1.2E-07	1.2E-07	1.8E-07	1.8E-06	3.4E-07	1.0E-08	I134	
I135	11.2E-07	1.2E-07	7.8E-07	1.2E-07	1.2E-07	3.0E-07	3.0E-07	2.4E-08	2.4E-08	3.0E-07	4.4E-08	4.4E-08	7.8E-06	1.8E-10	1.8E-10	2.4E-06	2.4E-06	3.7E-06	3.8E-05	7.3E-06	2.1E-07	I135	
F18	13.9E-12	3.9E-12	2.3E-11	3.9E-12	3.9E-12	9.6E-12	9.6E-12	8.0E-13	8.0E-13	9.6E-12	1.5E-12	1.5E-12	1.5E-12	7.8E-15	7.8E-15	7.9E-11	7.9E-11	9.1E-11	5.4E-10	1.6E-10	8.1E-12	F18	
Co58	16.0E-14	6.0E-14	3.6E-13	6.0E-14	6.0E-14	6.0E-14	1.5E-13	1.5E-13	1.2E-14	1.5E-13	2.3E-14	2.3E-14	2.8E-12	1.2E-16	1.2E-16	1.2E-12	1.2E-12	9.3E-12	2.6E-12	1.2E-13	Co58		
Co60	12.0E-14	2.0E-14	1.2E-13	2.0E-14	2.0E-14	2.0E-14	5.0E-14	5.0E-14	4.2E-15	4.2E-15	5.0E-14	5.0E-14	7.6E-15	1.0E-12	3.8E-17	4.1E-13	4.1E-13	5.2E-13	3.8E-12	9.6E-13	4.1E-14	Co60	
Rb88	16.1E-04	6.1E-04	3.9E-03	6.1E-04	6.1E-04	6.1E-04	1.5E-03	1.5E-03	1.3E-04	1.5E-03	2.3E-04	2.3E-04	3.7E-02	1.1E-06	1.1E-06	1.3E-02	1.3E-02	1.8E-02	1.2E-01	3.5			

	U1 RCS	U1 UCmnt	U1 LCmnt	U1 Stump	U1 SG 1	U1 SG 2	U1 SG 3	U1 SG 4	SGBD Mix	SI 1A HL	SI 1B HL	SI 1 CL	CVCS Pmp	Letdown	VCT	RHR1A HL	RHR1B HL	RHR1A CL	RHR1B CL	U1 CS A	U1 CS B	U1 CCS	Gross
Gross	16.7E+03	1.7E-01	7.6E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E-07	7.4E-02	6.8E-02	2.9E-02	6.7E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr85m	16.8E+01	6.3E-03	2.8E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E-09	7.3E-04	6.7E-04	2.9E-04	6.9E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	12.0E+01	1.9E-03	8.3E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-10	9.4E-05	8.7E-05	3.7E-05	2.1E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	11.2E+02	1.1E-02	5.0E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-09	1.0E-03	9.6E-04	4.1E-04	1.2E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	11.2E+03	1.1E-01	4.8E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-08	2.0E-02	1.8E-02	7.8E-03	1.2E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	3.6E+01	3.3E-03	1.5E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.5E-08	1.1E-02	1.0E-02	4.4E-03	3.6E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	4.0E+02	2.8E-02	1.5E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.5E-08	1.1E-02	1.0E-02	4.4E-03	3.6E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	5.5E+02	1.5E-04	6.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-09	4.6E-04	4.3E-04	1.8E-04	5.6E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	11.8E+02	5.1E-05	2.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.6E-09	1.1E-03	1.1E-03	4.5E-04	1.8E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	9.8E+02	2.7E-04	1.2E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.9E-09	3.5E-03	3.2E-03	1.4E-03	9.9E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	12.7E+01	7.4E-06	3.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.7E-10	1.6E-04	1.5E-04	6.3E-05	2.7E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	16.6E+02	1.9E-04	8.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.5E-09	3.7E-03	3.5E-03	1.5E-03	6.7E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	12.3E-03	8.1E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.4E-08	1.5E-02	1.4E-02	5.9E-03	2.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	11.3E-04	2.7E-10	1.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-09	4.7E-04	4.4E-04	1.9E-04	1.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	8.2E-05	8.6E-11	1.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.9E-10	1.3E-04	1.2E-04	5.1E-05	8.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	11.2E+02	1.1E-02	2.8E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.3E-09	1.0E-03	9.5E-04	4.0E-04	1.2E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	1.1E-04	3.9E-10	1.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E-09	7.2E-04	6.7E-04	2.8E-04	1.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	14.2E-04	4.9E-07	1.7E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.2E-09	2.7E-03	2.5E-03	1.1E-03	4.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	9.2E+00	2.6E-06	1.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.2E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	19.2E-06	3.2E-11	1.1E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-10	6.0E-05	5.5E-05	2.4E-05	9.3E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	11.3E-05	4.5E-11	1.6E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.9E-10	8.4E-05	7.8E-05	3.3E-05	1.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	11.0E+02	2.9E-05	1.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	17.2E+01	2.0E-05	8.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.3E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	11.1E+03	2.9E-04	1.3E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	11.1E+03	3.0E-04	1.3E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	Outside	River	ERCW 1A	ERCW 1B	ERCW 2A	ERCW 2B	EGTS A	EGTS B	Annulus1	Annulus2	WGDTeffl	SHLDbld1	SHLDbld2	AB_VENT	ABGTS A	ABGTS B	PURGE A	PURGE B					Gross
Gross	16.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E+00	0.0E+00	6.1E-01	0.0E+00	0.0E+00	3.2E-01	0.0E+00	0.0E+00	2.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr85m	12.5E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-02	0.0E+00	2.3E-02	0.0E+00	0.0E+00	1.3E-02	0.0E+00	0.0E+00	8.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr87	17.4E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-02	0.0E+00	6.7E-03	0.0E+00	0.0E+00	3.7E-03	0.0E+00	0.0E+00	2.4E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Kr88	14.5E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.1E-02	0.0E+00	4.0E-02	0.0E+00	0.0E+00	2.3E-02	0.0E+00	0.0E+00	1.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133	4.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.6E-01	0.0E+00	3.0E-01	0.0E+00	0.0E+00	2.1E-01	0.0E+00	0.0E+00	1.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe133m	1.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-02	0.0E+00	1.2E-02	0.0E+00	0.0E+00	6.6E-03	0.0E+00	0.0E+00	4.2E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
Xe135	1.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-01	0.0E+00	9.9E-02	0.0E+00	0.0E+00	5.5E-02	0.0E+00	0.0E+00	3.5E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I131	3.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.4E-06	0.0E+00	5.5E-04	0.0E+00	0.0E+00	1.5E-06	0.0E+00	0.0E+00	4.9E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I132	11.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E-06	0.0E+00	1.8E-04	0.0E+00	0.0E+00	5.0E-07	0.0E+00	0.0E+00	1.6E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I133	5.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.6E-06	0.0E+00	9.7E-04	0.0E+00	0.0E+00	2.7E-06	0.0E+00	0.0E+00	8.7E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I134	11.5E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.6E-07	0.0E+00	2.6E-05	0.0E+00	0.0E+00	7.3E-08	0.0E+00	0.0E+00	2.4E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
I135	13.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.6E-06	0.0E+00	6.6E-04	0.0E+00	0.0E+00	1.8E-06	0.0E+00	0.0E+00	5.9E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
F18	2.4E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-11	0.0E+00	4.4E-09	0.0E+00	0.0E+00	1.2E-11	0.0E+00	0.0E+00	6.4E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co58	5.5E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.8E-13	0.0E+00	2.0E-10	0.0E+00	0.0E+00	2.7E-13	0.0E+00	0.0E+00	6.3E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Co60	2.7E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.9E-13	0.0E+00	9.9E-11	0.0E+00	0.0E+00	1.4E-13	0.0E+00	0.0E+00	2.7E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Rb88	12.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-																

	Elev 653	U1_RHR A	U1_RHR B	U1_CS A	U1_CS B	TDCT RM	FDCT RM	EVAP PMP	STRIP RM	U2_RHR A	U2_RHR B	U2_CS A	U2_CS B	Elev 669	U2_SI A	U2_SI B	U2_TDAFW	U2_CCP A	U2_CCP B	U2_CCP C	WGDT_RM1	WGDT_RM2	Gross
Gross	16.1E-06	2.4E-07	2.4E-07	2.4E-07	2.4E-07	7.6E-07	2.4E-07	1.0E-06	1.9E-06	2.4E-07	2.4E-07	2.4E-07	2.4E-07	6.1E-06	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.1E-06	2.7E-06	2.7E-06	Gross
Kr85m	12.3E-07	9.2E-09	9.2E-09	9.2E-09	9.2E-09	2.9E-08	2.2E-08	3.8E-08	7.1E-08	9.2E-09	9.2E-09	9.2E-09	9.2E-09	2.3E-06	1.2E-07	1.2E-07	1.2E-07	1.2E-07	1.2E-07	1.2E-07	1.0E-07	1.0E-07	Kr85m
Kr87	16.9E-08	2.8E-09	2.8E-09	2.8E-09	2.8E-09	8.5E-09	6.6E-09	1.1E-08	2.1E-08	2.8E-09	2.8E-09	2.8E-09	2.8E-09	6.9E-07	3.5E-08	3.5E-08	3.5E-08	3.5E-08	3.5E-08	3.5E-08	3.1E-08	3.1E-08	Kr87
Kr88	14.1E-07	1.7E-08	1.7E-08	1.7E-08	1.7E-08	5.1E-08	3.9E-08	6.9E-08	1.3E-07	1.7E-08	1.7E-08	1.7E-08	1.7E-08	4.1E-06	2.1E-07	2.1E-07	2.1E-07	2.1E-07	2.1E-07	2.1E-07	1.8E-07	1.8E-07	Kr88
Xe133	13.9E-06	1.6E-07	1.6E-07	1.6E-07	1.6E-07	4.8E-07	3.7E-07	6.5E-07	1.2E-06	1.6E-07	1.6E-07	1.6E-07	1.6E-07	3.9E-05	2.0E-06	2.0E-06	2.0E-06	2.0E-06	2.0E-06	2.0E-06	1.7E-06	1.7E-06	Xe133
Xe133m	11.2E-07	4.8E-09	4.8E-09	4.8E-09	4.8E-09	1.5E-08	1.2E-08	2.0E-08	3.7E-08	4.8E-09	4.8E-09	4.8E-09	4.8E-09	1.2E-06	6.2E-08	6.2E-08	6.2E-08	6.2E-08	6.2E-08	6.2E-08	5.4E-08	5.4E-08	Xe133m
Xe135	19.9E-07	3.9E-08	3.9E-08	3.9E-08	3.9E-08	1.2E-07	9.3E-08	1.6E-07	3.0E-07	3.9E-08	3.9E-08	3.9E-08	3.9E-08	9.9E-06	5.0E-07	5.0E-07	5.0E-07	5.0E-07	5.0E-07	5.0E-07	4.4E-07	4.4E-07	Xe135
I131	12.8E-11	1.1E-12	1.1E-12	1.1E-12	1.1E-12	3.5E-12	2.7E-12	4.6E-12	8.5E-12	1.1E-12	1.1E-12	1.1E-12	1.1E-12	2.8E-10	1.4E-11	1.4E-11	1.4E-11	1.4E-11	1.4E-11	1.4E-11	1.2E-11	1.2E-11	I131
I132	19.3E-12	3.7E-13	3.7E-13	3.7E-13	3.7E-13	1.1E-12	8.8E-13	1.5E-12	2.8E-12	3.7E-13	3.7E-13	3.7E-13	3.7E-13	9.2E-11	4.7E-12	4.7E-12	4.7E-12	4.7E-12	4.7E-12	4.7E-12	4.1E-12	4.1E-12	I132
I133	15.0E-11	2.0E-12	2.0E-12	2.0E-12	2.0E-12	6.1E-12	4.7E-12	8.2E-12	1.5E-11	2.0E-12	2.0E-12	2.0E-12	2.0E-12	4.9E-10	2.5E-11	2.5E-11	2.5E-11	2.5E-11	2.5E-11	2.5E-11	2.2E-11	2.2E-11	I133
I134	11.3E-12	5.4E-14	5.4E-14	5.4E-14	5.4E-14	1.7E-13	1.3E-13	2.2E-13	4.1E-13	5.4E-14	5.4E-14	5.4E-14	5.4E-14	1.3E-11	6.9E-13	6.9E-13	6.9E-13	6.9E-13	6.9E-13	6.9E-13	6.0E-13	6.0E-13	I134
I135	13.4E-11	1.4E-12	1.4E-12	1.4E-12	1.4E-12	4.2E-12	3.2E-12	5.6E-12	1.0E-11	1.4E-12	1.4E-12	1.4E-12	1.4E-12	3.4E-10	1.7E-11	1.7E-11	1.7E-11	1.7E-11	1.7E-11	1.7E-11	1.5E-11	1.5E-11	I135
F18	15.8E-16	3.4E-17	3.4E-17	3.4E-17	3.4E-17	1.0E-16	7.9E-17	1.3E-16	2.3E-16	3.4E-17	3.4E-17	3.4E-17	3.4E-17	4.1E-15	3.0E-16	3.0E-16	3.0E-16	3.0E-16	3.0E-16	3.0E-16	2.6E-16	2.6E-16	F18
Co58	11.0E-17	5.9E-19	5.9E-19	5.9E-19	5.9E-19	1.8E-18	1.4E-18	2.3E-18	4.1E-18	5.9E-19	5.9E-19	5.9E-19	5.9E-19	7.8E-17	5.4E-18	5.4E-18	5.4E-18	5.4E-18	5.4E-18	5.4E-18	4.7E-18	4.7E-18	Co58
Co60	14.0E-18	2.1E-19	2.1E-19	2.1E-19	2.1E-19	6.2E-19	4.8E-19	8.2E-19	1.5E-18	2.1E-19	2.1E-19	2.1E-19	2.1E-19	3.3E-17	2.1E-18	2.1E-18	2.1E-18	2.1E-18	2.1E-18	2.1E-18	1.8E-18	1.8E-18	Co60
Rb88	13.8E-07	1.5E-08	1.5E-08	1.5E-08	1.5E-08	4.8E-08	3.7E-08	6.4E-08	1.2E-07	1.5E-08	1.5E-08	1.5E-08	1.5E-08	3.5E-06	1.9E-07	1.9E-07	1.9E-07	1.9E-07	1.9E-07	1.9E-07	1.7E-07	1.7E-07	Rb88
Na24	11.4E-17	8.0E-19	8.0E-19	8.0E-19	8.0E-19	2.4E-18	1.9E-18	3.2E-18	5.5E-18	8.0E-19	8.0E-19	8.0E-19	8.0E-19	9.7E-17	7.1E-18	7.1E-18	7.1E-18	7.1E-18	7.1E-18	7.1E-18	6.2E-18	6.2E-18	Na24
Ar41	17.0E-12	4.1E-13	4.1E-13	4.1E-13	4.1E-13	1.2E-12	9.5E-13	1.6E-12	2.8E-12	4.1E-13	4.1E-13	4.1E-13	4.1E-13	4.9E-11	3.6E-12	3.6E-12	3.6E-12	3.6E-12	3.6E-12	3.6E-12	3.2E-12	3.2E-12	Ar41
Te129	12.3E-13	9.3E-15	9.3E-15	9.3E-15	9.3E-15	2.9E-14	2.2E-14	3.8E-14	7.1E-14	9.3E-15	9.3E-15	9.3E-15	9.3E-15	2.3E-12	1.2E-13	1.2E-13	1.2E-13	1.2E-13	1.2E-13	1.2E-13	1.0E-13	1.0E-13	Te129
Nb95	11.1E-18	6.7E-20	6.7E-20	6.7E-20	6.7E-20	2.0E-19	1.6E-19	2.6E-19	4.6E-19	6.7E-20	6.7E-20	6.7E-20	6.7E-20	8.0E-18	5.9E-19	5.9E-19	5.9E-19	5.9E-19	5.9E-19	5.9E-19	5.2E-19	5.2E-19	Nb95
Tc99m	11.6E-18	9.4E-20	9.4E-20	9.4E-20	9.4E-20	2.8E-19	2.2E-19	3.7E-19	6.4E-19	9.4E-20	9.4E-20	9.4E-20	9.4E-20	1.1E-17	8.3E-19	8.3E-19	8.3E-19	8.3E-19	8.3E-19	8.3E-19	7.2E-19	7.2E-19	Tc99m
Cs134	12.6E-12	1.0E-13	1.0E-13	1.0E-13	1.0E-13	3.2E-13	2.5E-13	4.3E-13	7.9E-13	1.0E-13	1.0E-13	1.0E-13	1.0E-13	2.6E-11	1.3E-12	1.3E-12	1.3E-12	1.3E-12	1.3E-12	1.3E-12	1.1E-12	1.1E-12	Cs134
Cs137	11.8E-12	7.3E-14	7.3E-14	7.3E-14	7.3E-14	2.3E-13	1.7E-13	3.0E-13	5.6E-13	7.3E-14	7.3E-14	7.3E-14	7.3E-14	1.8E-11	9.3E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13	8.1E-13	8.1E-13	Cs137
Ba140	12.7E-11	1.1E-12	1.1E-12	1.1E-12	1.1E-12	3.3E-12	2.5E-12	4.4E-12	8.2E-12	1.1E-12	1.1E-12	1.1E-12	1.1E-12	2.7E-10	1.4E-11	1.4E-11	1.4E-11	1.4E-11	1.4E-11	1.4E-11	1.2E-11	1.2E-11	Ba140
La140	12.7E-11	1.1E-12	1.1E-12	1.1E-12	1.1E-12	3.3E-12	2.5E-12	4.4E-12	8.2E-12	1.1E-12	1.1E-12	1.1E-12	1.1E-12	2.7E-10	1.4E-11	1.4E-11	1.4E-11	1.4E-11	1.4E-11	1.4E-11	1.2E-11	1.2E-11	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1_SI A	U1_SI B	U1_TDAFW	U1_CCP A	U1_CCP B	U1_CCP C	HUT A RM	HUT B RM	BA EVAP1	BA EVAP2	SPARE669	U1Pen669	U2Pen669	Elev 706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdcon	RRoadBay	WPkgArea	CDWE_Bdg	Gross
Gross	3.1E-06	3.1E-06	1.9E-05	3.1E-06	3.1E-06	1.2E-07	7.8E-06	7.8E-06	6.5E-07	6.5E-07	7.8E-06	1.2E-06	1.2E-06	1.6E-04	6.8E-09	6.8E-09	6.8E-05	6.8E-05	3.1E-06	1.7E-05	5.6E-06	2.5E-07	Gross
Kr85m	11.2E-07	1.2E-07	7.3E-07	1.2E-07	1.2E-07	1.2E-07	2.9E-07	2.9E-07	2.4E-08	2.4E-08	2.9E-07	4.4E-08	4.4E-08	6.0E-06	2.6E-10	2.6E-10	2.6E-06	2.6E-06	3.1E-06	1.7E-05	5.6E-06	2.5E-07	Kr85m
Kr87	13.5E-08	3.5E-08	2.2E-07	3.5E-08	3.5E-08	3.5E-08	8.8E-08	8.8E-08	7.3E-09	7.3E-09	8.8E-08	1.3E-08	1.3E-08	1.8E-06	7.7E-11	7.7E-11	7.7E-07	7.7E-07	9.1E-07	5.0E-06	1.7E-06	7.4E-08	Kr87
Kr88	12.1E-07	2.1E-07	1.3E-06	2.1E-07	2.1E-07	2.1E-07	5.3E-07	5.3E-07	4.4E-08	4.4E-08	5.3E-07	7.9E-08	7.9E-08	1.1E-05	4.6E-10	4.6E-10	4.6E-06	4.6E-06	5.5E-06	3.0E-05	1.0E-05	4.5E-07	Kr88
Xe133	12.0E-06	2.0E-06	1.2E-05	2.0E-06	2.0E-06	2.0E-06	5.0E-06	5.0E-06	4.1E-07	4.1E-07	5.0E-06	7.5E-07	7.5E-07	1.0E-04	4.3E-09	4.3E-09	4.3E-05	4.3E-05	5.2E-05	2.9E-04	9.5E-05	4.2E-06	Xe133
Xe133m	6.2E-08	6.2E-08	3.8E-07	6.2E-08	6.2E-08	6.2E-08	1.5E-07	1.5E-07	1.3E-08	1.3E-08	1.5E-07	2.3E-08	2.3E-08	3.2E-06	1.3E-10	1.3E-10	1.4E-06	1.4E-06	1.6E-06	8.9E-06	3.0E-06	1.3E-07	Xe133m
Xe135	5.0E-07	5.0E-07	3.1E-06	5.0E-07	5.0E-07	5.0E-07	1.3E-06	1.3E-06	1.0E-07	1.0E-07	1.3E-06	1.9E-07	1.9E-07	2.6E-05	1.1E-09	1.1E-09	1.1E-05	1.1E-05	1.3E-05	7.3E-05	2.4E-05	1.1E-06	Xe135
I131	11.4E-11	1.4E-11	8.8E-11	1.4E-11	1.4E-11	1.4E-11	3.6E-11	3.6E-11	2.9E-12	2.9E-12	3.6E-11	5.3E-12	5.3E-12	7.3E-10	3.1E-14	3.1E-14	3.1E-10	3.1E-10	3.7E-10	2.0E-09	6.8E-10	3.0E-11	I131
I132	14.7E-12	4.7E-12	2.9E-11	4.7E-12	4.7E-12	4.7E-12	1.2E-11	1.2E-11	9.8E-13	9.8E-13	1.2E-11	1.8E-12	1.8E-12	2.4E-10	1.0E-14	1.0E-14	1.0E-10	1.0E-10	1.2E-10	6.8E-10	2.3E-10	1.0E-11	I132
I133	12.5E-11	2.5E-11	1.6E-10	2.5E-11	2.5E-11	2.5E-11	6.3E-11	6.3E-11	5.2E-12	5.2E-12	6.3E-11	9.5E-12	9.5E-12	1.3E-09	5.5E-14	5.5E-14	5.5E-10	5.5E-10	6.6E-10	3.6E-09	1.2E-09	5.3E-11	I133
I134	6.9E-13	6.9E-13	4.3E-12	6.9E-13	6.9E-13	6.9E-13	1.7E-12	1.7E-12	1.4E-13	1.4E-13	1.7E-12	2.6E-13	2.6E-13	3.5E-11	1.5E-15	1.5E-15	1.5E-11	1.5E-11	1.8E-11	9.8E-11	3.3E-11	1.4E-12	I134
I135	11.7E-11	1.7E-11	1.1E-10	1.7E-11	1.7E-11	1.7E-11	4.3E-11	4.3E-11	3.6E-12	3.6E-12	4.3E-11	6.5E-12	6.5E-12	8.8E-10	3.8E-14	3.8E-14	3.8E-10	3.8E-10	4.5E-10	2.5E-09	8.3E-10	1.6E-11	I135
F18	13.0E-16	3.0E-16	1.7E-15	3.0E-16	3.0E-16	3.0E-16	7.2E-16	7.2E-16	6.3E-17	6.3E-17	7.2E-16	1.1E-16	1.1E-16	9.4E-15	6.7E-19	6.7E-19	5.4E-15	5.4E-15	5.4E-15	1.9E-14	8.8E-15	6.3E-16	F18
Co58	15.4E-18	5.4E-18	3.1E-17	5.4E-18	5.4E-18	5.4E-18	1.3E-17	1.3E-17	1.1E-18	1.1E-18	1.3E-17	2.1E-18	2.1E-18	1.9E-16	1.2E-20	1.2E-20	1.0E-16	1.0E-16	1.0E-16	4.0E-16	1.8E-16	1.1E-17	Co58
Co60	12.1E-18	2.1E-18	1.2E-17	2.1E-18	2.1E-18	2.1E-18	5.1E-18	5.1E-18	4.3E-19	4.3E-19	5.1E-18	7.8E-19	7.8E-19	8.0E-17	4.6E-21	4.6E-21	4.0E-17	4.0E-17	4.3E-17	1.9E-16	7.6E-17	4.4E-18	Co60
Rb88	11.9E-07	1.9E-07	1.2E-06																				

	Elev 653	U1 RHR A	U1 RHR B	U1 CS A	U1 CS B	TDCT RM	FDCT RM	EVAP FMP	STRIP RM	U2 RHR A	U2 RHR B	U2 CS A	U2 CS B	Elev 669	U2 SI A	U2 SI B	U2 TDAFW	U2 CCP A	U2 CCP B	U2 CCP C	WGDT_RM1	WGDT_RM2	
Gross	12.1E-03	8.0E-05	8.0E-05	8.0E-05	8.0E-05	2.5E-04	1.9E-04	3.3E-04	6.2E-04	8.0E-05	8.0E-05	8.0E-05	8.0E-05	2.2E-02	1.1E-03	1.1E-03	1.1E-03	1.1E-03	1.1E-03	1.1E-03	9.4E-04	9.4E-04	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	1.4E-09	4.0E-11	4.0E-11	4.0E-11	4.0E-11	1.2E-10	9.5E-11	1.7E-10	3.2E-10	4.0E-11	4.0E-11	4.0E-11	4.0E-11	2.2E-08	7.0E-10	7.0E-10	7.0E-10	7.0E-10	7.0E-10	7.0E-10	6.1E-10	6.1E-10	Xe133
Xe133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	1.3E-08	3.7E-10	3.7E-10	3.7E-10	3.7E-10	1.2E-09	8.8E-10	1.6E-09	3.0E-09	3.7E-10	3.7E-10	3.7E-10	3.7E-10	2.0E-07	6.5E-09	6.5E-09	6.5E-09	6.5E-09	6.5E-09	6.5E-09	5.7E-09	5.7E-09	Xe135
I131	1.3E-07	9.9E-09	9.9E-09	9.9E-09	9.9E-09	3.1E-08	2.4E-08	4.2E-08	7.9E-08	9.9E-09	9.9E-09	9.9E-09	9.9E-09	3.9E-06	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.3E-07	1.3E-07	I131
I132	1.0E-07	3.3E-09	3.3E-09	3.3E-09	3.3E-09	1.0E-08	7.9E-09	1.4E-08	2.6E-08	3.3E-09	3.3E-09	3.3E-09	3.3E-09	1.3E-06	5.1E-08	5.1E-08	5.1E-08	5.1E-08	5.1E-08	5.1E-08	4.4E-08	4.4E-08	I132
I133	1.5E-07	1.8E-08	1.8E-08	1.8E-08	1.8E-08	5.5E-08	4.2E-08	7.4E-08	1.4E-07	1.8E-08	1.8E-08	1.8E-08	1.8E-08	6.9E-06	2.7E-07	2.7E-07	2.7E-07	2.7E-07	2.7E-07	2.7E-07	2.4E-07	2.4E-07	I133
I134	1.5E-08	4.8E-10	4.8E-10	4.8E-10	4.8E-10	1.5E-09	1.1E-09	2.0E-09	3.8E-09	4.8E-10	4.8E-10	4.8E-10	4.8E-10	1.9E-07	7.4E-09	7.4E-09	7.4E-09	7.4E-09	7.4E-09	7.4E-09	6.4E-09	6.4E-09	I134
I135	1.7E-07	1.2E-08	1.2E-08	1.2E-08	1.2E-08	3.8E-08	2.9E-08	5.1E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	4.7E-06	1.8E-07	1.8E-07	1.8E-07	1.8E-07	1.8E-07	1.8E-07	1.6E-07	1.6E-07	I135
F18	1.9E-12	4.5E-13	4.5E-13	4.5E-13	4.5E-13	1.4E-12	1.1E-12	1.8E-12	3.2E-12	4.5E-13	4.5E-13	4.5E-13	4.5E-13	8.3E-11	4.8E-12	4.8E-12	4.8E-12	4.8E-12	4.8E-12	4.8E-12	4.1E-12	4.1E-12	F18
Co58	1.6E-13	7.5E-15	7.5E-15	7.5E-15	7.5E-15	2.3E-14	1.8E-14	3.0E-14	5.5E-14	7.5E-15	7.5E-15	7.5E-15	7.5E-15	1.5E-12	8.2E-14	8.2E-14	8.2E-14	8.2E-14	8.2E-14	8.2E-14	7.2E-14	7.2E-14	Co58
Co60	1.5E-14	2.5E-15	2.5E-15	2.5E-15	2.5E-15	7.5E-15	5.8E-15	1.0E-14	1.8E-14	2.5E-15	2.5E-15	2.5E-15	2.5E-15	5.7E-13	2.9E-14	2.9E-14	2.9E-14	2.9E-14	2.9E-14	2.9E-14	2.5E-14	2.5E-14	Co60
Rb88	1.1E-03	6.6E-05	6.6E-05	6.6E-05	6.6E-05	2.0E-04	1.6E-04	2.7E-04	5.1E-04	6.6E-05	6.6E-05	6.6E-05	6.6E-05	1.8E-02	8.9E-04	8.9E-04	8.9E-04	8.9E-04	8.9E-04	8.9E-04	7.7E-04	7.7E-04	Rb88
Na24	1.2E-13	1.1E-14	1.1E-14	1.1E-14	1.1E-14	3.2E-14	2.5E-14	4.3E-14	7.7E-14	1.1E-14	1.1E-14	1.1E-14	1.1E-14	2.0E-12	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	9.9E-14	9.9E-14	Na24
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	12.5E-09	8.2E-11	8.2E-11	8.2E-11	8.2E-11	2.6E-10	2.0E-10	3.2E-10	6.5E-10	8.2E-11	8.2E-11	8.2E-11	8.2E-11	3.2E-08	1.3E-09	1.3E-09	1.3E-09	1.3E-09	1.3E-09	1.3E-09	1.1E-09	1.1E-09	Te129
Nb95	1.8E-14	8.9E-16	8.9E-16	8.9E-16	8.9E-16	2.7E-15	2.1E-15	3.6E-15	6.4E-15	8.9E-16	8.9E-16	8.9E-16	8.9E-16	1.6E-13	9.4E-15	9.4E-15	9.4E-15	9.4E-15	9.4E-15	9.4E-15	8.2E-15	8.2E-15	Nb95
Tc99m	12.6E-14	1.2E-15	1.2E-15	1.2E-15	1.2E-15	3.8E-15	2.9E-15	5.0E-15	9.0E-15	1.2E-15	1.2E-15	1.2E-15	1.2E-15	1.3E-13	1.2E-14	1.2E-14	1.2E-14	1.2E-14	1.2E-14	1.2E-14	1.2E-14	1.2E-14	Tc99m
Cs134	12.8E-08	9.2E-10	9.2E-10	9.2E-10	9.2E-10	2.9E-09	2.2E-09	3.9E-09	7.3E-09	9.2E-10	9.2E-10	9.2E-10	9.2E-10	3.6E-07	1.4E-08	1.4E-08	1.4E-08	1.4E-08	1.4E-08	1.4E-08	1.2E-08	1.2E-08	Cs134
Cs137	12.0E-08	6.5E-10	6.5E-10	6.5E-10	6.5E-10	2.0E-09	1.6E-09	2.5E-09	5.1E-09	6.5E-10	6.5E-10	6.5E-10	6.5E-10	2.5E-07	1.0E-08	1.0E-08	1.0E-08	1.0E-08	1.0E-08	1.0E-08	8.7E-08	8.7E-08	Cs137
Ba140	12.9E-07	9.5E-09	9.5E-09	9.5E-09	9.5E-09	3.0E-08	2.3E-08	4.0E-08	7.5E-08	9.5E-09	9.5E-09	9.5E-09	9.5E-09	3.7E-06	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.3E-07	1.3E-07	Ba140
La140	12.9E-07	9.6E-09	9.6E-09	9.6E-09	9.6E-09	3.0E-08	2.3E-08	4.0E-08	7.6E-08	9.6E-09	9.6E-09	9.6E-09	9.6E-09	3.7E-06	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.3E-07	1.3E-07	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1 SI A	U1 SI B	U1 TDAFW	U1 CCP A	U1 CCP B	HUT A RM	HUT B RM	BA EVAP1	BA EVAP2	SPARE669	U1Pen669	U2Pen669	Elev 706	U1 UHI	U2 UHI	U1 PASF	U2 PASF	CASKdcon	RoadBay	WPkgArea	CDWE Bdg		
Gross	1.1E-03	1.1E-03	6.8E-03	1.1E-03	1.1E-03	2.7E-03	2.7E-03	2.2E-04	2.2E-04	2.7E-03	4.1E-04	4.1E-04	6.0E-02	2.0E-06	2.0E-06	2.4E-02	2.4E-02	3.0E-02	1.7E-01	5.6E-02	2.2E-03	Gross	
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m	
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87	
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88	
Xe133	7.0E-10	7.0E-10	4.7E-09	7.0E-10	7.0E-10	1.8E-09	1.8E-09	1.4E-10	1.4E-10	1.8E-09	2.6E-10	2.6E-10	4.4E-07	9.4E-12	9.4E-12	1.3E-07	1.3E-07	2.1E-07	2.1E-07	4.1E-07	1.1E-08	Xe133	
Xe133m	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m	
Xe135	6.5E-09	6.5E-09	4.3E-08	6.5E-09	6.5E-09	1.7E-08	1.7E-08	1.3E-09	1.3E-09	1.7E-08	2.4E-09	2.4E-09	4.4E-07	9.4E-12	9.4E-12	1.3E-07	1.3E-07	2.1E-07	2.1E-07	4.1E-07	1.1E-08	Xe135	
I131	1.5E-07	1.5E-07	9.9E-07	1.5E-07	1.5E-07	3.9E-07	3.9E-07	3.1E-08	3.1E-08	3.9E-07	5.7E-08	5.7E-08	9.4E-06	2.5E-10	2.5E-10	3.2E-06	3.2E-06	3.9E-06	3.9E-06	8.7E-06	2.9E-07	I131	
I132	1.5E-08	5.1E-08	3.3E-07	5.1E-08	5.1E-08	1.3E-07	1.3E-07	1.0E-08	1.0E-08	1.3E-07	1.9E-08	1.9E-08	3.1E-06	8.4E-11	8.4E-11	1.1E-06	1.1E-06	1.5E-06	1.5E-06	2.9E-06	9.7E-08	I132	
I133	1.7E-07	2.7E-07	1.8E-06	2.7E-07	2.7E-07	6.8E-07	6.8E-07	5.6E-08	5.6E-08	6.8E-07	1.0E-07	1.0E-07	1.7E-05	4.5E-10	4.5E-10	5.7E-06	5.7E-06	8.0E-06	7.0E-06	1.5E-05	5.2E-07	I133	
I134	1.7E-09	7.4E-09	4.8E-08	7.4E-09	7.4E-09	1.9E-08	1.9E-08	1.5E-09	1.5E-09	1.9E-08	2.8E-09	2.8E-09	4.5E-07	1.2E-11	1.2E-11	1.6E-07	1.6E-07	2.2E-07	1.9E-06	4.2E-07	1.4E-08	I134	
I135	1.8E-07	1.8E-07	1.2E-06	1.8E-07	1.8E-07	4.7E-07	4.7E-07	3.8E-08	3.8E-08	4.7E-07	6.9E-08	6.9E-08	1.1E-05	3.1E-10	3.1E-10	3.9E-06	3.9E-06	5.5E-06	4.8E-05	1.1E-05	3.5E-07	I135	
F18	4.8E-12	4.8E-12	2.8E-11	4.8E-12	4.8E-12	1.2E-11	1.2E-11	9.9E-13	9.9E-13	1.2E-11	1.8E-12	1.8E-12	2.0E-10	9.7E-15	9.7E-15	9.4E-11	9.4E-11	1.1E-10	5.7E-10	1.9E-10	1.0E-11	F18	
Co58	8.2E-14	8.2E-14	4.9E-13	8.2E-14	8.2E-14	2.0E-13	2.0E-13	1.7E-14	1.7E-14	2.0E-13	3.1E-14	3.1E-14	3.6E-12	1.7E-16	1.7E-16	1.6E-12	1.6E-12	1.9E-12	1.1E-11	3.4E-12	1.7E-13	Co58	
Co60	12.9E-14	2.9E-14	1.7E-13	2.9E-14	2.9E-14	7.1E-14	7.1E-14	6.0E-15	6.0E-15	7.1E-14	1.1E-14	1.1E-14	1.4E-12	5.5E-17	5.5E-17	5.8E-13	5.8E-13	4.6E-12	1.3E-12	5.9E-14	5.9E-14	Co60	
Rb88	18.9E-04	8.9E-04	5.6E-03	8.9E-04	8.9E-04	2.2E-03	2.2E-03	1.8E-04	1.8E-04	2.2E-03	3.3E-04	3.3E-04	4.9E-02	1.7E-06	1.7E-06	2.0E-02	2.0E-02	2.4E-02	1.4E-01	6.6E-02	1.8E-0		

	U1 RCS	U1 UCmnt	U1 LCmnt	U1 Sump	U1 SG 1	U1 SG 2	U1 SG 3	U1 SG 4	SGBD Mix	SI 1A HL	SI 1B HL	SI 1C CL	CVCS Pmp	Letdown	VCT	RHR1A HL	RHR1B HL	RHR1A CL	RHR1B CL	U1 CS A	U1 CS B	U1 CCS	
Gross	5.9E+03	1.7E-01	7.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.3E-08	7.1E-02	6.6E-02	2.8E-02	6.0E+03	0.0E+00	0.0E+00	0.0E+00	Gross	
Kr85m	15.9E+01	6.1E-03	2.5E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.2E-10	7.0E-04	6.5E-04	2.8E-04	6.0E+01	0.0E+00	0.0E+00	0.0E+00	Kr85m		
Kr87	1.6E+01	1.7E-03	6.7E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.2E-11	8.2E-05	7.6E-05	3.2E-05	1.6E+01	0.0E+00	0.0E+00	0.0E+00	Kr87		
Kr88	1.0E+02	1.1E-02	4.3E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.8E-10	9.8E-04	9.1E-04	3.9E-04	1.0E+02	0.0E+00	0.0E+00	0.0E+00	Kr88		
Xel133	1.0E+03	1.1E-01	4.4E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E-08	2.0E-02	1.8E-02	7.8E-03	1.1E+03	0.0E+00	0.0E+00	0.0E+00	Xel133		
Xel133m	3.2E+01	3.3E-03	1.3E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.8E-09	1.1E-02	1.0E-02	4.4E-03	3.2E+01	0.0E+00	0.0E+00	0.0E+00	Xel133m		
Xel135	3.7E+02	2.7E-02	1.4E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.5E-09	1.1E-02	1.0E-02	4.2E-03	3.7E+02	0.0E+00	0.0E+00	0.0E+00	Xel135		
I131	5.0E+02	1.5E-04	6.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.1E-10	4.6E-04	4.3E-04	1.8E-04	5.0E+02	0.0E+00	0.0E+00	0.0E+00	I131		
I132	1.5E+02	4.7E-05	1.9E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.3E-10	1.1E-03	9.7E-04	4.1E-04	1.5E+02	0.0E+00	0.0E+00	0.0E+00	I132		
I133	8.7E+02	2.7E-04	1.1E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-09	3.4E-03	3.2E-03	1.3E-03	8.8E+02	0.0E+00	0.0E+00	0.0E+00	I133		
I134	2.0E+01	6.1E-06	2.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-10	1.3E-04	1.2E-04	5.2E-05	2.0E+01	0.0E+00	0.0E+00	0.0E+00	I134		
I135	5.8E+02	1.8E-04	7.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.2E-09	3.6E-03	3.4E-03	1.4E-03	5.9E+02	0.0E+00	0.0E+00	0.0E+00	I135		
F18	1.9E-03	7.4E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-08	1.4E-02	1.3E-02	5.4E-03	1.9E-03	0.0E+00	0.0E+00	0.0E+00	F18		
Co58	1.2E-04	2.7E-10	1.5E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.1E-10	4.7E-04	4.4E-04	1.9E-04	1.2E-04	0.0E+00	0.0E+00	0.0E+00	Co58		
Co60	7.3E-05	8.7E-11	9.2E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-10	1.3E-04	1.2E-04	5.1E-05	7.4E-05	0.0E+00	0.0E+00	0.0E+00	Co60		
Rb88	1.0E+02	1.0E-02	2.6E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.5E-10	9.6E-04	8.9E-04	3.8E-04	1.0E+02	0.0E+00	0.0E+00	0.0E+00	Rb88		
Na24	9.9E-05	3.8E-10	1.2E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.3E-10	7.1E-04	6.6E-04	2.8E-04	1.0E-04	0.0E+00	0.0E+00	0.0E+00	Na24		
Ar41	3.4E-04	4.5E-07	1.4E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.2E-09	2.5E-03	2.3E-03	9.8E-04	3.5E-04	0.0E+00	0.0E+00	0.0E+00	Ar41		
Te129	7.1E+00	2.2E-06	8.9E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.2E+00	0.0E+00	0.0E+00	0.0E+00	Te129		
Nb95	8.3E-06	3.2E-11	1.0E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.3E-11	6.0E-05	5.5E-05	2.4E-05	8.4E-06	0.0E+00	0.0E+00	0.0E+00	Nb95		
Tc99m	1.2E-05	4.5E-11	1.5E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.4E-11	8.4E-05	7.8E-05	3.3E-05	1.2E-05	0.0E+00	0.0E+00	0.0E+00	Tc99m		
Cs134	9.2E+01	2.9E-05	1.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.3E+01	0.0E+00	0.0E+00	0.0E+00	Cs134		
Cs137	6.5E+01	2.0E-05	8.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.6E+01	0.0E+00	0.0E+00	0.0E+00	Cs137		
Ba140	9.9E+02	3.0E-04	1.2E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.9E+02	0.0E+00	0.0E+00	0.0E+00	Ba140		
La140	19.5E+02	3.0E-04	1.2E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.7E+02	0.0E+00	0.0E+00	0.0E+00	La140		
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146		
	Outside	River	ERCW 1A	ERCW 1B	ERCW 2A	ERCW 2B	EGTS A	EGTS B	Annulus1	Annulus2	WGDteffl	SHLDblid1	SHLDblid2	AB VENT	ABGTS A	ABGTS B	PURGE A	PURGE B					
Gross	6.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E+00	0.0E+00	6.0E-01	0.0E+00	0.0E+00	3.2E-01	0.0E+00	0.0E+00	2.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross			
Kr85m	12.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.1E-02	0.0E+00	2.2E-02	0.0E+00	0.0E+00	1.2E-02	0.0E+00	0.0E+00	9.4E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m			
Kr87	6.6E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-02	0.0E+00	5.9E-03	0.0E+00	0.0E+00	3.3E-03	0.0E+00	0.0E+00	2.5E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87			
Kr88	4.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.6E-02	0.0E+00	3.8E-02	0.0E+00	0.0E+00	2.1E-02	0.0E+00	0.0E+00	1.6E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88			
Xel133	14.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.6E-01	0.0E+00	3.8E-01	0.0E+00	0.0E+00	2.1E-01	0.0E+00	0.0E+00	1.6E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133			
Xel133m	11.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-02	0.0E+00	1.2E-02	0.0E+00	0.0E+00	6.6E-03	0.0E+00	0.0E+00	5.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m			
Xel135	1.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-01	0.0E+00	9.8E-02	0.0E+00	0.0E+00	5.4E-02	0.0E+00	0.0E+00	4.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel135			
I131	3.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.5E-06	0.0E+00	5.5E-04	0.0E+00	0.0E+00	1.5E-06	0.0E+00	0.0E+00	5.9E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131			
I132	9.4E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E-06	0.0E+00	1.7E-04	0.0E+00	0.0E+00	4.7E-07	0.0E+00	0.0E+00	1.8E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132			
I133	5.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.6E-06	0.0E+00	9.7E-04	0.0E+00	0.0E+00	2.7E-06	0.0E+00	0.0E+00	1.0E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133			
I134	1.2E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.2E-07	0.0E+00	2.2E-05	0.0E+00	0.0E+00	6.0E-08	0.0E+00	0.0E+00	2.3E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134			
I135	3.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.5E-06	0.0E+00	6.5E-04	0.0E+00	0.0E+00	1.8E-06	0.0E+00	0.0E+00	7.0E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135			
F18	2.2E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.0E-11	0.0E+00	4.0E-09	0.0E+00	0.0E+00	1.1E-11	0.0E+00	0.0E+00	6.5E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18			
Co58	5.5E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.9E-13	0.0E+00	2.0E-10	0.0E+00	0.0E+00	2.8E-13	0.0E+00	0.0E+00	7.1E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58			
Co60	2.7E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.9E-13	0.0E+00	9.9E-11	0.0E+00	0.0E+00	1.4E-13	0.0E+00	0.0E+00	3.1E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60			
Rb88	2.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.3E-02	0.0E+00	3.7E-02	0.0E+00	0.0E+00	8.6E-03	0.0E+00	0.0E+00	4.8E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88			
Na24	5.8E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-12	0.0E+00	2.1E-10	0.0E+00	0.0E+00	2.9E-13	0.0E+00	0.0E+00	8.3E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24			
Ar41	2.7E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-07	0.0E+00	2.4E-07	0.0E+00	0.0E+00	1.3E-07	0.0E+00	0.0E+00	6.1E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41			
Te129	2.2E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.9E-08	0.0E+00	7.9E-06	0.0E+00	0.0E+00	1.1E-08	0.0E+00	0.0E+00	2.1E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129			
Nb95	4.8E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.7E-14	0.0E+00	1.7E-11	0.0E+00	0.0E+00	2.4E-14	0.0E+00	0.0E+00	7.0E-20	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95			
Tc99m	6.8E-17</																						

	Elev_653	U1_RHR_A	U1_RHR_B	U1_CS_A	U1_CS_B	TDCT_RM	FDCT_RM	EVAP_PMP	STRIP_RM	U2_RHR_A	U2_RHR_B	U2_CS_A	U2_CS_B	Elev_669	U2_SI_A	U2_SI_B	U2_TDAFW	U2_CCP_A	U2_CCP_B	U2_CCP_C	WGDT_RM1	WGDT_RM2	
Gross	8.2E-06	3.6E-07	3.6E-07	3.6E-07	3.6E-07	1.1E-06	8.6E-07	1.5E-06	2.7E-06	3.6E-07	3.6E-07	3.6E-07	3.6E-07	7.4E-05	4.2E-06	4.2E-06	4.2E-06	4.2E-06	4.2E-06	4.2E-06	3.7E-06	3.7E-06	Gross
Kr85m	13.0E-07	1.3E-08	1.3E-08	1.3E-08	1.3E-08	4.1E-08	3.2E-08	5.5E-08	1.0E-07	1.3E-08	1.3E-08	1.3E-08	1.3E-08	2.7E-06	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.3E-07	1.3E-07	Kr85m
Kr87	8.2E-08	3.6E-09	3.6E-09	3.6E-09	3.6E-09	1.1E-08	8.6E-09	1.5E-08	2.7E-08	3.6E-09	3.6E-09	3.6E-09	3.6E-09	7.4E-07	4.2E-08	4.2E-08	4.2E-08	4.2E-08	4.2E-08	4.2E-08	3.6E-08	3.6E-08	Kr87
Kr88	5.3E-07	2.4E-08	2.4E-08	2.4E-08	2.4E-08	7.2E-08	5.6E-08	9.7E-08	1.8E-07	2.4E-08	2.4E-08	2.4E-08	2.4E-08	4.8E-06	2.7E-07	2.7E-07	2.7E-07	2.7E-07	2.7E-07	2.7E-07	2.4E-07	2.4E-07	Kr88
Xel133	5.3E-06	2.3E-07	2.3E-07	2.3E-07	2.3E-07	7.2E-07	5.6E-07	9.6E-07	1.7E-06	2.3E-07	2.3E-07	2.3E-07	2.3E-07	4.8E-05	2.7E-06	2.7E-06	2.7E-06	2.7E-06	2.7E-06	2.7E-06	2.4E-06	2.4E-06	Xel133
Xel133m	1.6E-07	7.3E-09	7.3E-09	7.3E-09	7.3E-09	2.2E-08	1.7E-08	3.0E-08	5.4E-08	7.3E-09	7.3E-09	7.3E-09	7.3E-09	1.5E-06	8.4E-08	8.4E-08	8.4E-08	8.4E-08	8.4E-08	8.4E-08	7.3E-08	7.3E-08	Xel133m
Xel135	1.3E-06	5.8E-08	5.8E-08	5.8E-08	5.8E-08	1.8E-07	1.4E-07	2.4E-07	4.3E-07	5.8E-08	5.8E-08	5.8E-08	5.8E-08	1.2E-05	6.7E-07	6.7E-07	6.7E-07	6.7E-07	6.7E-07	6.7E-07	5.9E-07	5.9E-07	Xel135
I131	3.8E-11	1.7E-12	1.7E-12	1.7E-12	1.7E-12	5.2E-12	4.0E-12	6.9E-12	1.3E-11	1.7E-12	1.7E-12	1.7E-12	1.7E-12	3.4E-10	1.9E-11	1.9E-11	1.9E-11	1.9E-11	1.9E-11	1.9E-11	1.7E-11	1.7E-11	I131
I132	1.2E-11	5.2E-13	5.2E-13	5.2E-13	5.2E-13	1.6E-12	1.2E-12	2.1E-12	3.9E-12	5.2E-13	5.2E-13	5.2E-13	5.2E-13	1.1E-10	6.0E-12	6.0E-12	6.0E-12	6.0E-12	6.0E-12	6.0E-12	5.2E-12	5.2E-12	I132
I133	6.7E-11	3.0E-12	3.0E-12	3.0E-12	3.0E-12	9.1E-12	7.0E-12	1.2E-11	2.2E-11	3.0E-12	3.0E-12	3.0E-12	3.0E-12	6.0E-10	3.4E-11	3.4E-11	3.4E-11	3.4E-11	3.4E-11	3.4E-11	3.0E-11	3.0E-11	I133
I134	1.5E-12	6.7E-14	6.7E-14	6.7E-14	6.7E-14	2.0E-13	1.6E-13	2.7E-13	5.0E-13	6.7E-14	6.7E-14	6.7E-14	6.7E-14	1.4E-11	7.7E-13	7.7E-13	7.7E-13	7.7E-13	7.7E-13	7.7E-13	6.7E-13	6.7E-13	I134
I135	4.5E-11	2.0E-12	2.0E-12	2.0E-12	2.0E-12	6.1E-12	4.7E-12	8.2E-12	1.5E-11	2.0E-12	2.0E-12	2.0E-12	2.0E-12	2.0E-12	2.3E-11	2.3E-11	2.3E-11	2.3E-11	2.3E-11	2.3E-11	2.0E-11	2.0E-11	I135
F18	6.5E-16	4.0E-17	4.0E-17	4.0E-17	4.0E-17	1.2E-16	9.4E-17	1.6E-16	2.7E-16	4.0E-17	4.0E-17	4.0E-17	4.0E-17	4.3E-15	3.4E-16	3.4E-16	3.4E-16	3.4E-16	3.4E-16	3.4E-16	2.9E-16	2.9E-16	F18
Co58	1.3E-17	7.8E-19	7.8E-19	7.8E-19	7.8E-19	2.3E-18	1.8E-18	3.1E-18	5.3E-18	7.8E-19	7.8E-19	7.8E-19	7.8E-19	9.2E-17	6.8E-18	6.8E-18	6.8E-18	6.8E-18	6.8E-18	6.8E-18	6.0E-18	6.0E-18	Co58
Co60	5.1E-18	2.8E-19	2.8E-19	2.8E-19	2.8E-19	8.5E-19	6.6E-19	1.1E-18	2.0E-18	2.8E-19	2.8E-19	2.8E-19	2.8E-19	3.9E-17	2.7E-18	2.7E-18	2.7E-18	2.7E-18	2.7E-18	2.7E-18	2.3E-18	2.3E-18	Co60
Rb88	4.9E-07	2.2E-08	2.2E-08	2.2E-08	2.2E-08	6.8E-08	5.3E-08	9.1E-08	1.6E-07	2.2E-08	2.2E-08	2.2E-08	2.2E-08	2.5E-07	2.5E-07	2.5E-07	2.5E-07	2.5E-07	2.5E-07	2.5E-07	2.2E-07	2.2E-07	Rb88
Na24	1.7E-17	1.0E-18	1.0E-18	1.0E-18	1.0E-18	3.1E-18	2.4E-18	4.1E-18	7.0E-18	1.0E-18	1.0E-18	1.0E-18	1.0E-18	1.1E-16	8.7E-18	8.7E-18	8.7E-18	8.7E-18	8.7E-18	8.7E-18	7.6E-18	7.6E-18	Na24
Ar41	7.8E-12	4.9E-13	4.9E-13	4.9E-13	4.9E-13	1.5E-12	1.1E-12	1.9E-12	3.3E-12	4.9E-13	4.9E-13	4.9E-13	4.9E-13	5.2E-11	4.1E-12	4.1E-12	4.1E-12	4.1E-12	4.1E-12	4.1E-12	3.6E-12	3.6E-12	Ar41
Te129	2.7E-13	1.2E-14	1.2E-14	1.2E-14	1.2E-14	3.7E-14	2.8E-14	4.9E-14	9.0E-14	1.2E-14	1.2E-14	1.2E-14	1.2E-14	2.4E-12	1.4E-13	1.4E-13	1.4E-13	1.4E-13	1.4E-13	1.4E-13	1.2E-13	1.2E-13	Te129
Nb95	1.4E-18	8.8E-20	8.8E-20	8.8E-20	8.8E-20	2.6E-19	2.0E-19	3.4E-19	5.9E-19	8.8E-20	8.8E-20	8.8E-20	8.8E-20	3.9E-18	7.3E-19	7.3E-19	7.3E-19	7.3E-19	7.3E-19	7.3E-19	6.4E-19	6.4E-19	Nb95
Tc99m	2.0E-18	1.2E-19	1.2E-19	1.2E-19	1.2E-19	3.7E-19	2.9E-19	4.8E-19	8.3E-19	1.2E-19	1.2E-19	1.2E-19	1.2E-19	1.3E-17	1.0E-18	1.0E-18	1.0E-18	1.0E-18	1.0E-18	1.0E-18	8.9E-19	8.9E-19	Tc99m
Cs134	3.5E-12	1.6E-13	1.6E-13	1.6E-13	1.6E-13	4.8E-13	3.6E-13	6.4E-13	1.2E-12	1.6E-13	1.6E-13	1.6E-13	1.6E-13	1.8E-12	1.8E-12	1.8E-12	1.8E-12	1.8E-12	1.8E-12	1.8E-12	1.6E-12	1.6E-12	Cs134
Cs137	2.5E-12	1.1E-13	1.1E-13	1.1E-13	1.1E-13	3.4E-13	2.6E-13	4.5E-13	8.2E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	2.2E-11	1.3E-12	1.3E-12	1.3E-12	1.3E-12	1.3E-12	1.3E-12	1.1E-12	1.1E-12	Cs137
Ba140	3.6E-11	1.6E-12	1.6E-12	1.6E-12	1.6E-12	4.9E-12	3.8E-12	6.5E-12	1.2E-11	1.6E-12	1.6E-12	1.6E-12	1.6E-12	3.3E-10	1.9E-11	1.9E-11	1.9E-11	1.9E-11	1.9E-11	1.9E-11	1.6E-11	1.6E-11	Ba140
La140	3.7E-11	1.6E-12	1.6E-12	1.6E-12	1.6E-12	5.0E-12	3.8E-12	6.7E-12	1.2E-11	1.6E-12	1.6E-12	1.6E-12	1.6E-12	3.3E-10	1.9E-11	1.9E-11	1.9E-11	1.9E-11	1.9E-11	1.9E-11	1.6E-11	1.6E-11	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1_SI_A	U1_SI_B	U1_TDAFW	U1_CCP_A	U1_CCP_B	U1_CCP_C	HUT_A_RM	HUT_B_RM	BA_EVAP1	BA_EVAP2	SPARE669	U1Pen669	U2Pen669	Elev_706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdcon	RRoadBay	WPKgArea	CDWE_Bdg	
Gross	4.2E-06	4.2E-06	2.5E-05	4.2E-06	4.2E-06	4.2E-06	1.0E-05	1.0E-05	8.7E-07	8.7E-07	1.0E-05	1.6E-06	1.6E-06	1.9E-04	9.4E-09	9.4E-09	9.0E-05	9.0E-05	1.0E-04	4.7E-04	1.8E-04	9.1E-06	Gross
Kr85m	1.1E-07	1.5E-07	9.3E-07	1.5E-07	1.5E-07	1.5E-07	3.8E-07	3.8E-07	3.2E-08	3.2E-08	3.8E-07	5.8E-08	5.8E-08	7.0E-06	3.5E-10	3.5E-10	3.3E-06	3.3E-06	3.7E-06	1.7E-05	6.6E-06	3.3E-07	Kr85m
Kr87	4.2E-08	4.2E-08	2.5E-07	4.2E-08	4.2E-08	4.2E-08	1.0E-07	1.0E-07	8.7E-09	8.7E-09	1.0E-07	1.6E-08	1.6E-08	1.9E-06	9.4E-11	9.4E-11	8.9E-07	8.9E-07	1.0E-06	4.7E-06	1.8E-06	9.0E-08	Kr87
Kr88	2.7E-07	2.7E-07	1.6E-06	2.7E-07	2.7E-07	2.7E-07	6.7E-07	6.7E-07	5.6E-08	5.6E-08	6.7E-07	1.0E-07	1.0E-07	1.2E-05	6.1E-10	6.1E-10	5.8E-06	5.8E-06	6.4E-06	3.0E-05	1.2E-05	5.8E-07	Kr88
Xel133	2.7E-06	2.7E-06	1.6E-05	2.7E-06	2.7E-06	2.7E-06	6.7E-06	6.7E-06	5.6E-07	5.6E-07	6.7E-06	1.0E-06	1.0E-06	1.2E-04	6.1E-09	6.1E-09	5.8E-05	5.8E-05	6.4E-05	3.0E-04	1.2E-04	5.8E-06	Xel133
Xel133m	8.4E-08	8.4E-08	5.1E-07	8.4E-08	8.4E-08	8.4E-08	2.1E-07	2.1E-07	1.7E-08	1.7E-08	2.1E-07	3.2E-08	3.2E-08	3.8E-06	1.9E-10	1.9E-10	1.8E-06	1.8E-06	2.0E-06	9.4E-06	3.6E-06	1.8E-07	Xel133m
Xel135	6.7E-07	6.7E-07	4.1E-06	6.7E-07	6.7E-07	6.7E-07	1.7E-06	1.7E-06	1.5E-07	1.5E-07	1.7E-06	2.5E-07	2.5E-07	3.1E-05	1.5E-09	1.5E-09	1.4E-05	1.4E-05	1.6E-05	7.7E-05	2.9E-05	1.5E-06	Xel135
I131	1.9E-11	1.9E-11	1.2E-10	1.9E-11	1.9E-11	1.9E-11	4.8E-11	4.8E-11	4.0E-12	4.8E-11	4.8E-11	7.3E-12	7.3E-12	8.8E-10	4.4E-14	4.4E-14	4.2E-10	4.2E-10	4.6E-10	2.2E-09	8.3E-10	4.2E-11	I131
I132	6.0E-12	6.0E-12	3.6E-11	6.0E-12	6.0E-12	6.0E-12	1.5E-11	1.5E-11	1.2E-12	1.5E-11	1.5E-11	2.3E-12	2.3E-12	2.7E-10	1.3E-14	1.3E-14	1.3E-10	1.3E-10	1.4E-10	6.7E-10	2.5E-10	1.3E-11	I132
I133	3.4E-11	3.4E-11	2.1E-10	3.4E-11	3.4E-11	3.4E-11	8.5E-11	8.5E-11	7.1E-12	8.5E-11	8.5E-11	1.3E-11	1.3E-11	1.6E-09	7.7E-14	7.7E-14	7.3E-10	7.3E-10	8.1E-10	3.8E-09	1.5E-09	7.4E-11	I133
I134	7.7E-13	7.7E-13	4.6E-12	7.7E-13	7.7E-13	7.7E-13	1.9E-12	1.9E-12	1.6E-13	1.9E-12	1.9E-12	2.9E-13	2.9E-13	3.5E-11	1.7E-15	1.7E-15	1.6E-11	1.6E-11	1.8E-11	6.8E-11	3.3E-11	1.7E-12	I134
I135	2.3E-11	2.3E-11	1.4E-10	2.3E-11	2.3E-11	2.3E-11	5.7E-11	5.7E-11	4.8E-12	5.7E-11	5.7E-11	8.6E-12	8.6E-12	1.0E-09	5.1E-14	5.1E-14	4.9E-10	4.9E-10	5.4E-10	2.6E-09	9.8E-10	4.9E-11	I135
F18	3.4E-16	3.4E-16	1.8E-15	3.4E-16	3.4E-16	3.4E-16	8.1E-16	8.1E-16	7.1E-17	8.1E-16	8.1E-16	1.3E-16	1.3E-16	9.5E-15	7.5E-19	7.5E-19	5.7E-15	5.7E-15	5.6E-15	1.8E-14	9.0E-15	7.0E-16	F18
Co58	6.8E-18	6.8E-18	3.8E-17	6.8E-18	6.8E-18	6.8E-18	1.7E-17	1.7E-17	1.4E-18	1.7E-17	1.7E-17	2.6E-18	2.6E-18	2.1E-16	1.5E-20	1.5E-20	1.2E-16	1.2E-16	1.2E-16	4.2E-16	2.0E-16	1.4E-17	Co58
Co60	2.7E-18	2.7E-18	1.5E-17	2.7E-18	2.7E-18	2.7E-18	6.5E-18	6.5E-18	5.6E-19	5.6E-19	6.5E-18	1.0E-18	1.0E-18	9.4E-17	5.9E-21	5.9E-21	5.0E-17	5.0E-17	5.2E-17	2.0E-16	8.8E-17	5.6E-18	Co60
Rb88	2.5E-07	2.5E-07	1.5E-06	2.5E-07	2.5E-07	2.5E-07																	

	Elev_653	U1_RHR A	U1_RHR B	U1_CS A	U1_CS B	TDCT_RM	FDCT_RM	EVAP_PMP	STRIP_RM	U2_RHR A	U2_RHR B	U2_CS A	U2_CS B	Elev_669	U2_S1 A	U2_S1 B	U2_TDAFW	U2_CCP A	U2_CCP B	U2_CCP C	WGDT_RM1	WGDT_RM2		
Gross	12.9E+03	1.2E-04	1.2E-04	1.2E-04	1.2E-04	3.7E-04	2.9E-04	5.0E-04	9.2E-04	1.2E-04	1.2E-04	1.2E-04	1.2E-04	2.7E-02	1.5E-03	1.5E-03	1.5E-03	1.5E-03	1.5E-03	1.5E-03	1.5E-03	1.3E-03	1.3E-03	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	12.3E-09	7.2E-11	7.2E-11	7.2E-11	7.2E-11	2.3E-10	1.7E-10	3.1E-10	5.8E-10	7.2E-11	7.2E-11	7.2E-11	7.2E-11	3.3E-08	1.2E-09	1.2E-09	1.2E-09	1.2E-09	1.2E-09	1.2E-09	1.2E-09	1.0E-09	1.0E-09	Xe133
Xe133m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	12.1E-08	6.6E-10	6.6E-10	6.6E-10	6.6E-10	2.1E-09	1.6E-09	2.8E-09	5.3E-09	6.6E-10	6.6E-10	6.6E-10	6.6E-10	3.0E-07	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	9.3E-09	9.3E-09	Xe135
I131	14.6E-07	1.7E-08	1.7E-08	1.7E-08	1.7E-08	5.2E-08	4.0E-08	6.9E-08	1.3E-07	1.7E-08	1.7E-08	1.7E-08	1.7E-08	3.5E-06	2.3E-07	2.3E-07	2.3E-07	2.3E-07	2.3E-07	2.3E-07	2.3E-07	2.0E-07	2.0E-07	I131
I132	11.4E-07	5.1E-09	5.1E-09	5.1E-09	5.1E-09	1.6E-08	1.2E-08	2.1E-08	4.0E-08	5.1E-09	5.1E-09	5.1E-09	5.1E-09	1.6E-06	7.1E-08	7.1E-08	7.1E-08	7.1E-08	7.1E-08	7.1E-08	6.2E-08	6.2E-08	I132	
I133	18.1E-07	2.9E-08	2.9E-08	2.9E-08	2.9E-08	9.1E-08	7.0E-08	1.2E-07	2.3E-07	2.9E-08	2.9E-08	2.9E-08	2.9E-08	9.4E-06	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	3.6E-07	3.6E-07	I133	
I134	11.8E-08	6.6E-10	6.6E-10	6.6E-10	6.6E-10	2.0E-09	1.6E-09	2.7E-09	5.1E-09	6.6E-10	6.6E-10	6.6E-10	6.6E-10	2.1E-07	9.2E-09	9.2E-09	9.2E-09	9.2E-09	9.2E-09	9.2E-09	8.0E-09	8.0E-09	I134	
I135	15.4E-07	2.0E-08	2.0E-08	2.0E-08	2.0E-08	6.1E-08	4.7E-08	8.2E-08	1.5E-07	2.0E-08	2.0E-08	2.0E-08	2.0E-08	6.3E-06	2.7E-07	2.7E-07	2.7E-07	2.7E-07	2.7E-07	2.7E-07	2.4E-07	2.4E-07	I135	
F18	1.1E-11	5.8E-13	5.8E-13	5.8E-13	5.8E-13	1.7E-12	1.3E-12	2.3E-12	4.1E-12	5.8E-13	5.8E-13	5.8E-13	5.8E-13	9.4E-11	5.7E-12	5.7E-12	5.7E-12	5.7E-12	5.7E-12	5.7E-12	5.0E-12	5.0E-12	F18	
Co58	12.2E-13	1.1E-14	1.1E-14	1.1E-14	1.1E-14	3.2E-14	2.5E-14	4.3E-14	7.7E-14	1.1E-14	1.1E-14	1.1E-14	1.1E-14	1.9E-12	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	9.7E-14	9.7E-14	Co58	
Co60	17.8E-14	3.6E-15	3.6E-15	3.6E-15	3.6E-15	1.1E-14	8.5E-15	1.5E-14	2.6E-14	3.6E-15	3.6E-15	3.6E-15	3.6E-15	3.6E-15	7.3E-13	4.0E-14	4.0E-14	4.0E-14	4.0E-14	4.0E-14	3.5E-14	3.5E-14	Co60	
Rb88	12.4E-03	9.9E-05	9.9E-05	9.9E-05	9.9E-05	3.1E-04	2.4E-04	4.1E-04	7.5E-04	9.9E-05	9.9E-05	9.9E-05	9.9E-05	2.2E-02	1.2E-03	1.2E-03	1.2E-03	1.2E-03	1.2E-03	1.2E-03	1.1E-03	1.1E-03	Rb88	
Na24	12.9E-13	1.5E-14	1.5E-14	1.5E-14	1.5E-14	5.8E-14	3.5E-14	6.0E-14	1.1E-13	1.5E-14	1.5E-14	1.5E-14	1.5E-14	2.4E-12	1.5E-13	1.5E-13	1.5E-13	1.5E-13	1.5E-13	1.5E-13	1.3E-13	1.3E-13	Na24	
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	13.3E-09	1.2E-10	1.2E-10	1.2E-10	1.2E-10	3.7E-10	2.8E-10	4.9E-10	9.2E-10	1.2E-10	1.2E-10	1.2E-10	1.2E-10	3.8E-08	1.7E-09	1.7E-09	1.7E-09	1.7E-09	1.7E-09	1.7E-09	1.4E-09	1.4E-09	Te129	
Nb95	12.4E-14	1.3E-15	1.3E-15	1.3E-15	1.3E-15	3.8E-15	2.9E-15	5.0E-15	8.8E-15	1.3E-15	1.3E-15	1.3E-15	1.3E-15	2.0E-13	1.2E-14	1.2E-14	1.2E-14	1.2E-14	1.2E-14	1.2E-14	1.1E-14	1.1E-14	Nb95	
Tc99m	13.4E-14	1.8E-15	1.8E-15	1.8E-15	1.8E-15	5.3E-15	4.1E-15	7.0E-15	1.2E-14	1.8E-15	1.8E-15	1.8E-15	1.8E-15	2.9E-13	1.7E-14	1.7E-14	1.7E-14	1.7E-14	1.7E-14	1.7E-14	1.5E-14	1.5E-14	Tc99m	
Cs134	14.2E-08	1.5E-09	1.5E-09	1.5E-09	1.5E-09	4.8E-09	3.7E-09	6.4E-09	1.2E-08	1.5E-09	1.5E-09	1.5E-09	1.5E-09	4.9E-07	2.1E-08	2.1E-08	2.1E-08	2.1E-08	2.1E-08	2.1E-08	1.9E-08	1.9E-08	Cs134	
Cs137	13.0E-08	1.1E-09	1.1E-09	1.1E-09	1.1E-09	3.4E-09	2.6E-09	4.5E-09	8.4E-09	1.1E-09	1.1E-09	1.1E-09	1.1E-09	3.5E-07	1.5E-08	1.5E-08	1.5E-08	1.5E-08	1.5E-08	1.5E-08	1.3E-08	1.3E-08	Cs137	
Ba140	14.4E-07	1.6E-08	1.6E-08	1.6E-08	1.6E-08	4.9E-08	3.8E-08	6.6E-08	1.2E-07	1.6E-08	1.6E-08	1.6E-08	1.6E-08	5.1E-06	2.2E-07	2.2E-07	2.2E-07	2.2E-07	2.2E-07	2.2E-07	1.9E-07	1.9E-07	Ba140	
La140	14.4E-07	1.6E-08	1.6E-08	1.6E-08	1.6E-08	5.0E-08	3.8E-08	6.7E-08	1.2E-07	1.6E-08	1.6E-08	1.6E-08	1.6E-08	5.1E-06	2.2E-07	2.2E-07	2.2E-07	2.2E-07	2.2E-07	2.2E-07	1.9E-07	1.9E-07	La140	
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1 SI A	U1 SI B	U1 TDAFW	U1 CCP A	U1 CCP B	U1 CCP C	HUT A_RM	HUT B_RM	BA EVAP1	BA EVAP2	SPARE669	U1Pen669	U2Pen669	Elev_706	U1 UHI	U2 UHI	U1 PASF	U2 PASF	CASKdcon	RRoadBay	WPkgArea	CDWE Bdg		
Gross	11.5E-03	1.5E-03	9.1E-03	1.5E-03	1.5E-03	1.5E-03	3.7E-03	3.7E-03	3.1E-04	3.1E-04	3.7E-03	5.6E-04	5.6E-04	7.4E-02	2.9E-06	2.9E-06	3.3E-02	3.3E-02	3.8E-02	1.8E-01	6.9E-02	3.2E-03	Gross	
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m	
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87	
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88	
Xe133	11.2E-09	1.2E-09	7.7E-09	1.2E-09	1.2E-09	1.2E-09	3.0E-09	3.0E-09	2.4E-10	2.4E-10	3.0E-09	4.4E-10	4.4E-10	7.5E-08	1.8E-12	1.8E-12	2.4E-08	2.4E-08	3.6E-08	3.7E-07	6.9E-08	2.1E-09	Xe133	
Xe133m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m	
Xe135	11.1E-08	1.1E-08	7.0E-08	1.1E-08	1.1E-08	1.1E-08	2.7E-08	2.7E-08	2.2E-09	2.2E-09	2.7E-08	4.0E-09	4.0E-09	6.8E-07	1.7E-11	1.7E-11	2.2E-07	2.2E-07	3.3E-07	3.3E-06	6.3E-07	2.0E-08	Xe135	
I131	12.3E-07	2.3E-07	1.5E-06	2.3E-07	2.3E-07	2.3E-07	5.8E-07	5.8E-07	4.8E-08	4.8E-08	5.8E-07	8.7E-08	8.7E-08	1.3E-05	4.1E-10	4.1E-10	4.9E-06	4.9E-06	6.4E-06	4.9E-05	1.2E-05	4.6E-07	I131	
I132	17.1E-08	7.1E-08	4.5E-07	7.1E-08	7.1E-08	7.1E-08	1.8E-07	1.8E-07	1.5E-08	1.5E-08	1.8E-07	2.7E-08	2.7E-08	4.0E-06	1.3E-10	1.3E-10	1.5E-06	1.5E-06	2.0E-06	1.5E-05	3.8E-06	1.4E-07	I132	
I133	14.1E-07	4.1E-07	2.6E-06	4.1E-07	4.1E-07	4.1E-07	1.0E-06	1.0E-06	8.4E-08	8.4E-08	1.0E-06	1.5E-07	1.5E-07	2.3E-05	7.3E-10	7.3E-10	8.7E-06	8.7E-06	1.1E-05	8.6E-05	2.2E-05	8.1E-07	I133	
I134	19.2E-09	9.2E-09	5.8E-08	9.2E-09	9.2E-09	9.2E-09	2.3E-08	2.3E-08	1.9E-09	1.9E-09	2.3E-08	3.4E-09	3.4E-09	5.2E-07	1.6E-11	1.6E-11	1.9E-07	1.9E-07	2.5E-07	1.9E-06	4.8E-07	1.8E-08	I134	
I135	12.7E-07	2.7E-07	1.7E-06	2.7E-07	2.7E-07	2.7E-07	6.9E-07	6.9E-07	5.6E-08	5.6E-08	6.9E-07	1.0E-07	1.0E-07	1.5E-05	4.9E-10	4.9E-10	5.8E-06	5.8E-06	7.6E-06	5.8E-05	1.4E-05	4.5E-07	I135	
F18	15.7E-12	5.7E-12	3.3E-11	5.7E-12	5.7E-12	5.7E-12	1.4E-11	1.4E-11	1.2E-12	1.2E-12	1.4E-11	2.2E-12	2.2E-12	2.2E-10	1.2E-14	1.2E-14	1.1E-10	1.1E-10	1.2E-10	6.0E-10	2.1E-10	1.2E-11	F18	
Co58	11.1E-13	1.1E-13	6.5E-13	1.1E-13	1.1E-13	1.1E-13	2.7E-13	2.7E-13	2.3E-14	2.3E-14	2.7E-13	4.2E-14	4.2E-14	4.5E-12	2.2E-16	2.2E-16	2.2E-12	2.2E-12	2.4E-12	1.3E-11	4.3E-12	2.3E-13	Co58	
Co60	14.0E-14	4.0E-14	2.4E-13	4.0E-14	4.0E-14	4.0E-14	9.8E-14	9.8E-14	8.3E-15	8.3E-15	9.8E-14	1.5E-14	1.5E-14	1.8E-12	7.8E-17	7.8E-17	7.9							

	U1 RCS	U1 UCmnt	U1 LCmnt	U1 Sump	U1 SG_1	U1 SG_2	U1 SG_3	U1 SG_4	SGBD Mix	SI_1A HL	SI_1B HL	SI_1 CL	CVCS Fmp	Letdown	VCT	RHR1A HL	RHR1B HL	RHR1A CL	RHR1B CL	U1 CS A	U1 CS B	U1 CCS	Gross
Gross	15.3E+03	1.7E-01	6.4E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-08	6.9E-02	6.4E-02	2.7E-02	5.4E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr85m	15.1E+01	5.9E-03	2.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.3E-10	6.7E-04	6.2E-04	2.6E-04	5.2E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr87	11.5E+01	1.5E-03	5.4E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-11	7.1E-05	6.6E-05	2.8E-05	1.3E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Kr88	18.8E+01	1.0E-02	3.8E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-10	9.2E-04	8.5E-04	3.6E-04	8.8E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	19.4E+02	1.1E-01	4.1E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-10	9.2E-04	8.5E-04	3.6E-04	8.8E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133
Xel133m	12.9E+01	3.3E-03	1.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.8E-09	1.1E-02	1.0E-02	4.3E-03	2.9E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel135	13.3E+02	2.7E-02	1.3E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.6E-09	1.1E-02	9.9E-03	4.2E-03	3.4E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel135
I131	14.5E+02	1.5E-04	5.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E-10	4.6E-04	4.3E-04	1.8E-04	4.5E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	11.3E+02	4.4E-05	1.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.3E-10	9.7E-04	9.0E-04	3.8E-04	1.3E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	17.8E+02	2.7E-04	1.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-09	3.4E-03	3.1E-03	1.3E-03	7.9E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	11.4E+01	5.0E-06	1.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.7E-11	1.1E-04	1.0E-04	4.3E-05	1.5E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	15.1E+02	1.8E-04	6.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-09	3.5E-03	3.3E-03	1.4E-03	5.2E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	11.6E-03	6.7E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.2E-09	1.2E-02	1.2E-02	4.9E-03	1.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	11.1E-04	2.7E-10	1.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E-10	4.7E-04	4.4E-04	1.9E-04	1.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	16.6E-05	8.7E-11	8.6E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-11	1.3E-04	1.2E-04	5.1E-05	6.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	18.6E+01	9.9E-03	2.4E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-10	9.0E-04	8.4E-04	3.6E-04	8.7E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	18.8E-05	3.8E-10	1.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-10	7.0E-04	6.5E-04	2.8E-04	8.9E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	12.8E-04	4.1E-07	1.2E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.7E-10	2.3E-03	2.1E-03	8.9E-04	2.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	15.5E+00	1.9E-06	7.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	17.5E-06	3.2E-11	9.7E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-11	6.0E-05	5.5E-05	2.4E-05	7.6E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	11.0E-05	4.5E-11	1.4E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.9E-11	8.4E-05	7.8E-05	3.3E-05	1.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	18.3E+01	2.9E-05	1.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	15.9E+01	2.0E-05	7.6E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	18.6E+02	3.0E-04	1.1E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	18.6E+02	3.0E-04	1.1E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	Outside	River	ERCW 1A	ERCW 1B	ERCW 2A	ERCW 2B	EGTS A	EGTS B	Annulus1	Annulus2	WGDTeff1	SHLDblid1	SHLDblid2	AB VENT	ABGTS A	ABGTS B	PURGE A	PURGE B					Gross
Gross	16.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E+00	0.0E+00	6.0E-01	0.0E+00	3.2E-01	0.0E+00	1.2E-02	0.0E+00	0.0E+00	1.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr85m	12.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.2E-02	0.0E+00	2.1E-02	0.0E+00	0.0E+00	1.2E-02	0.0E+00	0.0E+00	0.0E+00	2.6E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr87	15.8E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-02	0.0E+00	5.2E-03	0.0E+00	0.0E+00	2.9E-03	0.0E+00	0.0E+00	0.0E+00	2.6E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Kr88	14.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.2E-02	0.0E+00	3.6E-02	0.0E+00	0.0E+00	2.0E-02	0.0E+00	0.0E+00	0.0E+00	1.8E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133
Xel133	14.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.7E-01	0.0E+00	3.9E-01	0.0E+00	0.0E+00	2.1E-01	0.0E+00	0.0E+00	0.0E+00	1.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel133m	11.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-02	0.0E+00	1.2E-02	0.0E+00	0.0E+00	6.6E-03	0.0E+00	0.0E+00	0.0E+00	5.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel135
Xel135	11.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.9E-01	0.0E+00	9.7E-02	0.0E+00	0.0E+00	5.4E-02	0.0E+00	0.0E+00	0.0E+00	5.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I131	13.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.5E-06	0.0E+00	5.5E-04	0.0E+00	0.0E+00	1.5E-06	0.0E+00	0.0E+00	0.0E+00	6.9E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I132	18.7E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E-06	0.0E+00	1.6E-04	0.0E+00	0.0E+00	4.4E-07	0.0E+00	0.0E+00	0.0E+00	2.0E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I133	15.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.6E-06	0.0E+00	9.7E-04	0.0E+00	0.0E+00	2.7E-06	0.0E+00	0.0E+00	0.0E+00	1.2E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I134	19.9E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E-07	0.0E+00	1.8E-05	0.0E+00	0.0E+00	5.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
I135	13.5E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.3E-06	0.0E+00	6.4E-04	0.0E+00	0.0E+00	1.8E-06	0.0E+00	0.0E+00	0.0E+00	8.0E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
F18	12.0E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.7E-11	0.0E+00	3.7E-09	0.0E+00	0.0E+00	1.0E-11	0.0E+00	0.0E+00	0.0E+00	6.5E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co58	15.5E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.9E-13	0.0E+00	2.0E-10	0.0E+00	0.0E+00	2.8E-13	0.0E+00	0.0E+00	0.0E+00	8.0E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Co60	12.8E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.0E-13	0.0E+00	1.0E-10	0.0E+00	0.0E+00	1.4E-13	0.0E+00	0.0E+00	0.0E+00	3.6E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Rb88	12.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0																	

	Elev 653	U1 RHR A	U1 RHR B	U1 CS A	U1 CS B	TDCT RM	FDCT RM	EVAP PMP	STRIP RM	U2 RHR A	U2 RHR B	U2 CS A	U2 CS B	Elev 669	U2 SI A	U2 SI B	U2 TDAFW	U2 CCP A	U2 CCP B	U2 CCP C	WGDT RM1	WGDT RM2	Gross
Gross	1.1E-05	5.2E-07	5.2E-07	5.2E-07	5.2E-07	1.6E-07	1.2E-06	2.1E-06	3.8E-07	5.2E-07	5.2E-07	5.2E-07	5.2E-07	3.8E-05	5.5E-06	5.5E-06	5.5E-06	5.5E-06	5.5E-06	5.5E-06	4.8E-06	4.8E-06	Kr85m
Kr85m	1.3E-07	1.9E-08	1.9E-08	1.9E-08	1.9E-08	5.7E-08	4.4E-08	7.6E-08	1.4E-07	1.9E-08	1.9E-08	1.9E-08	1.9E-08	3.2E-06	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.0E-07	1.7E-07	1.7E-07	Kr85m
Kr87	1.9E-08	4.6E-09	4.6E-09	4.6E-09	4.6E-09	1.4E-08	1.1E-08	1.9E-08	3.3E-08	4.6E-09	4.6E-09	4.6E-09	4.6E-09	7.8E-07	4.8E-08	4.8E-08	4.8E-08	4.8E-08	4.8E-08	4.8E-08	4.2E-08	4.2E-08	Kr87
Kr88	1.6E-07	3.2E-08	3.2E-08	3.2E-08	3.2E-08	9.7E-08	7.5E-08	1.3E-07	2.3E-07	3.2E-08	3.2E-08	3.2E-08	3.2E-08	5.4E-06	3.4E-07	3.4E-07	3.4E-07	3.4E-07	3.4E-07	3.4E-07	2.9E-07	2.9E-07	Kr88
Xel133	1.7E-06	3.4E-07	3.4E-07	3.4E-07	3.4E-07	1.0E-06	8.0E-07	1.4E-06	2.5E-06	3.4E-07	3.4E-07	3.4E-07	3.4E-07	5.7E-05	3.6E-06	3.6E-06	3.6E-06	3.6E-06	3.6E-06	3.6E-06	3.1E-06	3.1E-06	Xel133
Xel133m	2.2E-07	1.1E-08	1.1E-08	1.1E-08	1.1E-08	3.2E-08	2.5E-08	4.3E-08	7.6E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.8E-06	1.1E-07	1.1E-07	1.1E-07	1.1E-07	1.1E-07	1.1E-07	9.7E-08	9.7E-08	Xel133m
Xel135	1.1E-06	8.3E-08	8.3E-08	8.3E-08	8.3E-08	2.5E-07	1.9E-07	3.4E-07	6.0E-07	8.3E-08	8.3E-08	8.3E-08	8.3E-08	1.4E-05	8.8E-07	8.8E-07	8.8E-07	8.8E-07	8.8E-07	8.8E-07	7.6E-07	7.6E-07	Xel135
I131	1.5E-11	2.4E-12	2.4E-12	2.4E-12	2.4E-12	7.4E-12	5.7E-12	9.9E-12	1.8E-11	2.4E-12	2.4E-12	2.4E-12	2.4E-12	4.1E-10	2.6E-11	2.6E-11	2.6E-11	2.6E-11	2.6E-11	2.6E-11	2.2E-11	2.2E-11	I131
I132	1.1E-11	7.0E-13	7.0E-13	7.0E-13	7.0E-13	2.1E-12	1.6E-12	2.8E-12	5.1E-12	7.0E-13	7.0E-13	7.0E-13	7.0E-13	1.2E-10	7.3E-12	7.3E-12	7.3E-12	7.3E-12	7.3E-12	7.3E-12	6.4E-12	6.4E-12	I132
I133	1.8E-11	4.3E-12	4.3E-12	4.3E-12	4.3E-12	1.3E-11	1.0E-11	1.7E-11	4.3E-12	4.3E-12	4.3E-12	4.3E-12	4.3E-12	1.2E-10	4.5E-11	4.5E-11	4.5E-11	4.5E-11	4.5E-11	4.5E-11	3.9E-11	3.9E-11	I133
I134	1.1E-12	7.9E-14	7.9E-14	7.9E-14	7.9E-14	2.4E-13	1.9E-13	3.2E-13	5.7E-13	7.9E-14	7.9E-14	7.9E-14	7.9E-14	1.3E-11	8.3E-13	8.3E-13	8.3E-13	8.3E-13	8.3E-13	8.3E-13	7.3E-13	7.3E-13	I134
I135	1.5E-11	2.8E-12	2.8E-12	2.8E-12	2.8E-12	6.6E-12	5.1E-12	1.1E-11	2.0E-11	2.8E-12	2.8E-12	2.8E-12	2.8E-12	4.7E-10	3.0E-11	3.0E-11	3.0E-11	3.0E-11	3.0E-11	3.0E-11	2.6E-11	2.6E-11	I135
F18	1.7E-16	4.8E-17	4.8E-17	4.8E-17	4.8E-17	1.4E-16	1.1E-16	1.8E-16	3.1E-16	4.8E-17	4.8E-17	4.8E-17	4.8E-17	4.4E-15	3.7E-16	3.7E-16	3.7E-16	3.7E-16	3.7E-16	3.7E-16	3.3E-16	3.3E-16	F18
Co58	1.1E-17	1.0E-18	1.0E-18	1.0E-18	1.0E-18	3.0E-18	2.4E-18	4.0E-18	6.8E-18	1.0E-18	1.0E-18	1.0E-18	1.0E-18	1.1E-16	8.4E-18	8.4E-18	8.4E-18	8.4E-18	8.4E-18	8.4E-18	7.4E-18	7.4E-18	Co58
Co60	1.6E-18	3.8E-19	3.8E-19	3.8E-19	3.8E-19	1.1E-18	8.8E-19	1.5E-18	2.6E-18	3.8E-19	3.8E-19	3.8E-19	3.8E-19	4.6E-17	3.3E-18	3.3E-18	3.3E-18	3.3E-18	3.3E-18	3.3E-18	2.9E-18	2.9E-18	Co60
Rb88	1.6E-17	3.0E-08	3.0E-08	3.0E-08	3.0E-08	9.3E-08	7.2E-08	1.2E-07	2.2E-07	3.0E-08	3.0E-08	3.0E-08	3.0E-08	4.8E-06	3.2E-07	3.2E-07	3.2E-07	3.2E-07	3.2E-07	3.2E-07	2.8E-07	2.8E-07	Rb88
Na24	2.0E-17	1.3E-18	1.3E-18	1.3E-18	1.3E-18	3.9E-18	3.1E-18	5.2E-18	8.8E-18	1.3E-18	1.3E-18	1.3E-18	1.3E-18	1.2E-16	1.0E-17	1.0E-17	1.0E-17	1.0E-17	1.0E-17	1.0E-17	9.1E-18	9.1E-18	Na24
Ar41	1.8E-12	5.8E-13	5.8E-13	5.8E-13	5.8E-13	1.7E-12	1.3E-12	2.2E-12	3.8E-12	5.8E-13	5.8E-13	5.8E-13	5.8E-13	4.5E-11	4.5E-12	4.5E-12	4.5E-12	4.5E-12	4.5E-12	4.5E-12	3.9E-12	3.9E-12	Ar41
Te129	3.1E-13	1.5E-14	1.5E-14	1.5E-14	1.5E-14	4.5E-14	3.5E-14	6.1E-14	1.1E-13	1.5E-14	1.5E-14	1.5E-14	1.5E-14	2.5E-12	1.6E-13	1.6E-13	1.6E-13	1.6E-13	1.6E-13	1.6E-13	1.4E-13	1.4E-13	Te129
Nb95	1.1E-18	1.1E-19	1.1E-19	1.1E-19	1.1E-19	3.3E-19	2.6E-19	4.4E-19	7.5E-19	1.1E-19	1.1E-19	1.1E-19	1.1E-19	1.1E-17	8.9E-19	8.9E-19	8.9E-19	8.9E-19	8.9E-19	8.9E-19	7.8E-19	7.8E-19	Nb95
Tc99m	1.2E-18	1.6E-19	1.6E-19	1.6E-19	1.6E-19	4.7E-19	3.7E-19	6.1E-19	1.0E-18	1.6E-19	1.6E-19	1.6E-19	1.6E-19	1.5E-17	1.2E-18	1.2E-18	1.2E-18	1.2E-18	1.2E-18	1.2E-18	1.1E-18	1.1E-18	Tc99m
Cs134	4.6E-12	2.3E-13	2.3E-13	2.3E-13	2.3E-13	6.9E-13	5.3E-13	9.2E-13	1.6E-12	2.3E-13	2.3E-13	2.3E-13	2.3E-13	3.8E-11	2.4E-12	2.4E-12	2.4E-12	2.4E-12	2.4E-12	2.4E-12	2.1E-12	2.1E-12	Cs134
Cs137	3.3E-12	1.6E-13	1.6E-13	1.6E-13	1.6E-13	4.9E-13	3.8E-13	6.5E-13	1.2E-12	1.6E-13	1.6E-13	1.6E-13	1.6E-13	7.2E-11	1.7E-12	1.7E-12	1.7E-12	1.7E-12	1.7E-12	1.7E-12	1.5E-12	1.5E-12	Cs137
Ba140	4.8E-11	2.3E-12	2.3E-12	2.3E-12	2.3E-12	7.1E-12	5.5E-12	9.5E-12	1.7E-11	2.3E-12	2.3E-12	2.3E-12	2.3E-12	3.9E-10	2.5E-11	2.5E-11	2.5E-11	2.5E-11	2.5E-11	2.5E-11	2.1E-11	2.1E-11	Ba140
La140	4.8E-11	2.3E-12	2.3E-12	2.3E-12	2.3E-12	7.1E-12	5.5E-12	9.5E-12	1.7E-11	2.3E-12	2.3E-12	2.3E-12	2.3E-12	4.0E-10	2.5E-11	2.5E-11	2.5E-11	2.5E-11	2.5E-11	2.5E-11	2.2E-11	2.2E-11	La140
Pr146	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	U1 SI A	U1 SI B	U1 TDAFW	U1 CCP A	U1 CCP B	U1 CCP C	HUT A RM	HUT B RM	BA EVAP1	BA EVAP2	SPARE669	U1Pen669	U2Pen669	Elev 706	U1 UHI	U2 UHI	U1 PASF	U2 PASF	CASKdcon	RoadBay	WPkArea	CDWE Bdg		
Gross	5.5E-06	5.5E-06	3.2E-05	5.5E-06	5.5E-06	5.5E-06	1.4E-05	1.4E-05	1.1E-06	1.1E-06	1.4E-05	2.1E-06	2.1E-06	2.1E-06	2.2E-04	1.2E-08	1.2E-08	1.1E-04	1.1E-04	1.2E-04	4.9E-04	2.1E-04	4.3E-07	Gross
Kr85m	1.2E-07	2.0E-07	1.2E-06	2.0E-07	2.0E-07	2.0E-07	4.8E-07	4.8E-07	4.1E-08	4.1E-08	4.8E-07	7.4E-08	7.4E-08	7.9E-06	4.5E-10	4.5E-10	4.0E-06	4.0E-06	4.3E-06	1.8E-05	7.4E-06	4.3E-07	Kr85m	
Kr87	1.4E-08	4.8E-08	2.8E-07	4.8E-08	4.8E-08	4.8E-08	1.2E-07	1.2E-07	1.0E-08	1.0E-08	1.2E-07	1.8E-08	1.8E-08	1.9E-06	1.1E-10	1.1E-10	9.9E-07	9.9E-07	1.1E-06	4.3E-06	1.8E-06	1.1E-07	Kr87	
Kr88	3.4E-07	3.4E-07	2.0E-06	3.4E-07	3.4E-07	3.4E-07	8.3E-07	8.3E-07	7.0E-08	7.0E-08	8.3E-07	1.3E-07	1.3E-07	1.4E-05	7.7E-10	7.7E-10	6.9E-06	6.9E-06	7.3E-06	3.0E-05	1.3E-05	7.3E-07	Kr88	
Xel133	3.6E-06	3.6E-06	2.1E-05	3.6E-06	3.6E-06	3.6E-06	8.8E-06	8.8E-06	7.5E-07	7.5E-07	8.8E-06	1.4E-06	1.4E-06	1.4E-04	8.1E-09	8.1E-09	7.4E-05	7.4E-05	7.8E-05	3.2E-04	1.4E-04	7.8E-06	Xel133	
Xel133m	1.1E-07	1.1E-07	6.5E-07	1.1E-07	1.1E-07	1.1E-07	2.7E-07	2.7E-07	2.3E-08	2.3E-08	2.7E-07	4.2E-08	4.2E-08	4.5E-06	2.5E-10	2.5E-10	2.3E-06	2.3E-06	2.4E-06	9.9E-06	4.2E-06	2.4E-07	Xel133m	
Xel135	8.8E-07	8.8E-07	5.2E-06	8.8E-07	8.8E-07	8.8E-07	2.2E-06	2.2E-06	1.8E-07	1.8E-07	2.2E-06	3.3E-07	3.3E-07	3.6E-05	2.0E-09	2.0E-09	1.8E-05	1.8E-05	1.9E-05	8.0E-05	3.3E-05	1.9E-06	Xel135	
I131	2.6E-11	2.6E-11	1.5E-10	2.6E-11	2.6E-11	2.6E-11	6.3E-11	6.3E-11	5.4E-12	5.4E-12	6.3E-11	9.7E-12	9.7E-12	1.0E-09	5.8E-14	5.8E-14	5.3E-10	5.3E-10	5.6E-10	2.3E-09	9.7E-10	5.6E-11	I131	
I132	7.3E-12	7.3E-12	4.3E-11	7.3E-12	7.3E-12	7.3E-12	1.8E-11	1.8E-11	1.5E-12	1.5E-12	1.8E-11	2.8E-12	2.8E-12	3.0E-10	1.7E-14	1.7E-14	1.5E-10	1.5E-10	1.6E-10	6.6E-10	2.8E-10	1.6E-11	I132	
I133	4.5E-11	4.5E-11	2.6E-10	4.5E-11	4.5E-11	4.5E-11	1.1E-10	1.1E-10	9.4E-12	9.4E-12	1.1E-10	1.7E-11	1.7E-11	1.8E-09	1.0E-13	1.0E-13	9.2E-10	9.2E-10	9.8E-10	4.0E-09	1.7E-09	9.8E-11	I133	
I134	8.3E-13	8.3E-13	4.9E-12	8.3E-13	8.3E-13	8.3E-13	2.0E-12	2.0E-12	1.7E-13	1.7E-13	2.0E-12	3.1E-13	3.1E-13	3.3E-11	1.9E-15	1.9E-15	1.7E-11	1.7E-11	1.8E-11	7.4E-11	3.1E-11	1.8E-12	I134	
I135	3.0E-11	3.0E-11	1.7E-10	3.0E-11	3.0E-11	3.0E-11	7.3E-11	7.3E-11	6.2E-12	6.2E-12	7.3E-11	1.1E-11	1.1E-11	1.2E-09	6.7E-14	6.7E-14	6.1E-10	6.1E-10	6.4E-10	2.6E-09	1.1E-09	6.4E-11	I135	
F18	3.7E-16	3.7E-16	2.0E-15	3.7E-16	3.7E-16	3.7E-16	8.9E-16	8.9E-16	7.9E-17	7.9E-17	8.9E-16	1.4E-16	1.4E-16	9.5E-15	8.2E-19	8.2E-19	6.0E-15	6.0E-15	5.7E-15	1.7E-14	9.0E-15	7.7E-16	F18	
Co58	1.8E-18	8.4E-18	4.6E-17	8.4E-18	8.4E-18	8.4E-18	2.0E-17	2.0E-17	1.8E-18	1.8E-18	2.0E-17	3.2E-18	3.2E-18	2.4E-16	1.9E-20	1.9E-20	1.4E-16	1.4E-16	1.4E-16	4.4E-16	2.2E-16	1.8E-17	Co58	
Co60	3.3E-18	3.3E-18	1.9E-17	3.3E-18	3.3E-18	3.3E-18	8.1E-18	8.1E-18	7.0E-19	7.0E-19	8.1E-18	1.3E-18	1.3E-18	1.1E-16	7.5E-21	7.5E-21	6.0E-17	6.0E-17	6.1E-17	2.1E-16	1.0E-16	7.1E-18	Co60	
Rb88	3.2E-07	3.2E-07	1.9E-06	3.2E-07	3.2E-07	3.2E-07	7.8E-07	7.8E-07	6.6E-08	6.6E-08	7.8E-07	1.2E-07	1.2E-07	1.2E-05	7.2E-20	7.2E-20	6.5E-06	6.5E-06	6.7E-06	2.4E-05	1.2E-05	6.9E-07	Rb88	
Na24	1.0E-17	1.0E-17	5.6E-17	1.0E-17	1.0E-17	1.0E-17	2.5E-17	2.5E-17	2.2E-18	2.2E-18	2.5E-17	4.0E-18	4.0E-18	2.7E-16	2.3E-20	2.3E-20	1.7E-16	1.7E-16	1.6E-16	4.7E-16	2.5E-16	2.2E-17	Na24	
Ar41	4.5E-12	4.5E-12	2.4E-11	4.5E-12	4.5E-12	4.5E-12	1.1E-11	1.1E-11	9.6E-13	9.6E-13	1.1E-11	1.7E-12	1.7E-12	1.2E-10	9.9E-15	9.9E-15	7.3E-11	7.3E-11	7.0E-11	2.0E-10	1.1E-10	9.3E-12	Ar41	
Te129	1.6E-13	1.6E-13	9.3E-13	1.6E-13	1.6E-13	1.6E-13	3.9E-13	3.9E-13	3.3E-14	3.3E-14	3.9E-13	6.0E-14	6.0E-14	5.9E-14	3.3E-12	3.6E-16	3.6E-16	3.2E-12	3.2E-12	3.4E-12	1.4E-11	6.0E-12	3.4E-13	Te129
Nb95	8.9E-19	8.9E-19	4.8E-18	8.9E-19	8.9E-19	8.9E-19	2.1E-18	2.1E-18	1.9E-19	1.9E-19	2.1E-18	3.4E-19	3.4E-19	2.3E-12	2.0E-21	2.0E-21	1.4E-17	1.4E-17	1.4E-17	4.0E-17	2.2E-17	1.8E-18	Nb95	
Tc99m	1.2E-18	1.2E-18	6.7E-18	1.2E-18	1.2E-18	1.2E-18	3.0E-18	3.0E-18	2.6E-19	2.6E-19	3.0E-18	4.8E-19	4.8E-19	4.7E-19	3.2E-17	2.7E-21	2.0E-17	2.0E-17	1.9E-17	5.6E-17	3.0E-17	2.6E-18	Tc99m	
Cs134	2.4E-12	2.4E-12	1.4E-11	2.4E-12	2.4E-12	2.4E-12	5.9E-12	5.9E-12	5.0E-13	5.0E-13	5.9E-12	9.0E-13	9.0E-13	9.6E-11	5.4E-15	5.4E-15	4.9E-11	4.9E-11	5.2E-11	2.1E-10	9.0E-11	5.2E-12	Cs134	
Cs137	1.7E-12	1.7E-12	9.9E-12	1.7E-12	1.7E-12	1.7E-12	4.1E-12	4.1E-12	3.5E-13	3.5E-13	4.1E-12	6.4E-13	6.4E-13	6.8E-11	3.8E-15	3.8E-15	3.5E-11	3.5E-11	3.7E-11	1.5E-10	6.4E-11	3.7E-12	Cs137	
Ba140	2.5E-11	2.5E-11	1.4E-10	2.5E-11	2.5E-11	2.5E-11	6.0E-11	6.0E-11	5.1E-12	5.1E-12	6.0E-11	9.3E-12	9.3E-12	9.9E-10	5.6E-14	5.6E-14	5.0E-10	5.0E-10	5.3E-10	2.2E-09	9.3E-10	5.3E-11	Ba140	
La140	2.5E-11	2.5E-11	1.5E-10	2.5E-11	2.5E-11	2.5E-11	6.1E-11	6.1E-11	5.2E-12	5.2E-12	6.1E-11	9.3E-12	9.3E-12	1.0E-09	5.6E-14	5.6E-14	5.1E-10	5.1E-10	5.4E-10	2.2E-09	9.3E-10	5.4E-11	La140	
Pr146	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	Elev 653	U1 RHR A	U1 RHR B	U1 CS A	U1 CS B	TDCT RM	FDCT RM	EVAP PMP	STRIP RM	U2 RHR A	U2 RHR B	U2 CS A	U2 CS B	Elev 669	U2 SI A	U2 SI B	U2 TDAFW	U2 CCP A	U2 CCP B	U2 CCP C	WGDT RM1	WGDT RM2	Gross
Gross	13.8E-03	1.7E-04	1.7E-04	1.7E-04	1.7E-04	5.3E-04	4.1E-04	7.1E-04	1.3E-03	1.7E-04	1.7E-04	1.7E-04	1.7E-04	3.3E-02	2.0E-03	2.0E-03	2.0E-03	2.0E-03	2.0E-03	2.0E-03	1.7E-03	1.7E-03	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	13.7E-09	1.3E-10	1.3E-10	1.3E-10	1.3E-10	3.9E-10	3.0E-10	5.3E-10	9.8E-10	1.3E-10	1.3E-10	1.3E-10	1.3E-10	4.8E-08	1.9E-09	1.9E-09	1.9E-09	1.9E-09	1.9E-09	1.9E-09	1.6E-09	1.6E-09	Xe133
Xe133m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	13.3E-08	1.1E-09	1.1E-09	1.1E-09	1.1E-09	3.5E-09	2.7E-09	4.7E-09	8.8E-09	1.1E-09	1.1E-09	1.1E-09	1.1E-09	4.3E-07	1.7E-08	1.7E-08	1.7E-08	1.7E-08	1.7E-08	1.7E-08	1.5E-08	1.5E-08	Xe135
I131	16.6E-07	2.6E-08	2.6E-08	2.6E-08	2.6E-08	8.1E-08	6.3E-08	1.1E-07	2.0E-07	2.6E-08	2.6E-08	2.6E-08	2.6E-08	7.1E-06	3.4E-07	3.4E-07	3.4E-07	3.4E-07	3.4E-07	3.4E-07	2.9E-07	2.9E-07	I131
I132	11.9E-07	7.5E-09	7.5E-09	7.5E-09	7.5E-09	2.3E-08	1.8E-08	3.1E-08	5.7E-08	7.5E-09	7.5E-09	7.5E-09	7.5E-09	2.0E-06	9.6E-08	9.6E-08	9.6E-08	9.6E-08	9.6E-08	9.6E-08	8.4E-08	8.4E-08	I132
I133	11.2E-06	4.6E-08	4.6E-08	4.6E-08	4.6E-08	1.4E-07	1.1E-07	1.9E-07	3.5E-07	4.6E-08	4.6E-08	4.6E-08	4.6E-08	1.2E-05	5.9E-07	5.9E-07	5.9E-07	5.9E-07	5.9E-07	5.9E-07	5.1E-07	5.1E-07	I133
I134	12.1E-08	8.5E-10	8.5E-10	8.5E-10	8.5E-10	2.6E-09	2.0E-09	3.5E-09	8.5E-10	8.5E-10	8.5E-10	8.5E-10	8.5E-10	2.3E-07	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	9.5E-09	9.5E-09	I134
I135	17.6E-07	3.0E-08	3.0E-08	3.0E-08	3.0E-08	3.0E-08	3.0E-08	3.0E-08	3.0E-08	3.0E-08	3.0E-08	3.0E-08	3.0E-08	8.1E-06	3.9E-07	3.9E-07	3.9E-07	3.9E-07	3.9E-07	3.9E-07	3.4E-07	3.4E-07	I135
F18	11.3E-11	7.2E-13	7.2E-13	7.2E-13	7.2E-13	2.2E-12	1.7E-12	2.9E-12	5.0E-12	7.2E-13	7.2E-13	7.2E-13	7.2E-13	1.0E-10	6.8E-12	6.8E-12	6.8E-12	6.8E-12	6.8E-12	6.8E-12	5.9E-12	5.9E-12	F18
Co58	12.8E-13	1.5E-14	1.5E-14	1.5E-14	1.5E-14	4.5E-14	3.5E-14	6.0E-14	1.0E-13	1.5E-14	1.5E-14	1.5E-14	1.5E-14	2.3E-12	1.5E-13	1.5E-13	1.5E-13	1.5E-13	1.5E-13	1.5E-13	1.3E-13	1.3E-13	Co58
Co60	11.0E-13	5.2E-15	5.2E-15	5.2E-15	5.2E-15	1.6E-14	1.2E-14	2.1E-14	3.7E-14	5.2E-15	5.2E-15	5.2E-15	5.2E-15	9.3E-13	5.4E-14	5.4E-14	5.4E-14	5.4E-14	5.4E-14	5.4E-14	4.7E-14	4.7E-14	Co60
Rb88	13.1E-03	1.4E-04	1.4E-04	1.4E-04	1.4E-04	4.4E-04	3.4E-04	5.9E-04	1.1E-03	1.4E-04	1.4E-04	1.4E-04	1.4E-04	2.7E-02	1.6E-03	1.6E-03	1.6E-03	1.6E-03	1.6E-03	1.6E-03	1.4E-03	1.4E-03	Rb88
Na24	13.7E-13	2.0E-14	2.0E-14	2.0E-14	2.0E-14	6.1E-14	4.7E-14	8.0E-14	1.4E-13	2.0E-14	2.0E-14	2.0E-14	2.0E-14	2.9E-12	1.9E-13	1.9E-13	1.9E-13	1.9E-13	1.9E-13	1.9E-13	1.7E-13	1.7E-13	Na24
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	4.1E-09	1.6E-10	1.6E-10	1.6E-10	1.6E-10	5.0E-10	3.8E-10	6.7E-10	1.2E-09	1.6E-10	1.6E-10	1.6E-10	1.6E-10	4.3E-08	2.1E-09	2.1E-09	2.1E-09	2.1E-09	2.1E-09	2.1E-09	1.8E-09	1.8E-09	Te129
Nb95	13.1E-14	1.7E-15	1.7E-15	1.7E-15	1.7E-15	5.2E-15	4.0E-15	6.8E-15	1.2E-14	1.7E-15	1.7E-15	1.7E-15	1.7E-15	2.5E-13	1.6E-14	1.6E-14	1.6E-14	1.6E-14	1.6E-14	1.6E-14	1.4E-14	1.4E-14	Nb95
Tc99m	4.4E-14	2.4E-15	2.4E-15	2.4E-15	2.4E-15	7.2E-15	5.6E-15	9.6E-15	1.7E-14	2.4E-15	2.4E-15	2.4E-15	2.4E-15	3.5E-13	2.3E-14	2.3E-14	2.3E-14	2.3E-14	2.3E-14	2.3E-14	2.0E-14	2.0E-14	Tc99m
Cs134	6.2E-08	2.4E-09	2.4E-09	2.4E-09	2.4E-09	7.5E-09	5.8E-09	1.0E-08	1.9E-08	2.4E-09	2.4E-09	2.4E-09	2.4E-09	6.5E-07	3.1E-08	3.1E-08	3.1E-08	3.1E-08	3.1E-08	3.1E-08	2.7E-08	2.7E-08	Cs134
Cs137	4.3E-08	1.7E-09	1.7E-09	1.7E-09	1.7E-09	5.3E-09	4.1E-09	7.1E-09	1.3E-08	1.7E-09	1.7E-09	1.7E-09	1.7E-09	4.6E-07	2.2E-08	2.2E-08	2.2E-08	2.2E-08	2.2E-08	2.2E-08	1.9E-08	1.9E-08	Cs137
Ba140	6.3E-07	2.5E-08	2.5E-08	2.5E-08	2.5E-08	7.8E-08	6.0E-08	1.0E-07	1.9E-07	2.5E-08	2.5E-08	2.5E-08	2.5E-08	6.8E-06	3.2E-07	3.2E-07	3.2E-07	3.2E-07	3.2E-07	3.2E-07	2.8E-07	2.8E-07	Ba140
La140	6.4E-07	2.5E-08	2.5E-08	2.5E-08	2.5E-08	7.8E-08	6.0E-08	1.1E-07	1.9E-07	2.5E-08	2.5E-08	2.5E-08	2.5E-08	6.8E-06	3.2E-07	3.2E-07	3.2E-07	3.2E-07	3.2E-07	3.2E-07	2.8E-07	2.8E-07	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1 SI A	U1 SI B	U1 TDAFW	U1 CCP A	U1 CCP B	U1 CCP C	HUT A RM	HUT B RM	BA EVAP1	BA EVAP2	SPARE669	U2Pen669	U2Pen669	Elev 706	U1 UHI	U1 UHI	U1 PASF	U2 PASF	CASKDcon	RoadBay	WPKgArea	CWDE Bdg	Gross
Gross	12.0E-03	2.0E-03	1.2E-02	2.0E-03	2.0E-03	2.0E-03	4.8E-03	4.8E-03	4.1E-04	4.1E-04	4.8E-03	7.4E-04	7.3E-04	8.6E-02	4.0E-06	4.0E-06	4.2E-02	4.2E-02	4.5E-02	1.9E-01	8.1E-02	4.2E-03	Gross
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	1.1E-09	1.9E-09	1.2E-08	1.9E-09	1.9E-09	1.9E-09	4.7E-09	4.7E-09	3.8E-10	3.8E-10	3.8E-10	7.0E-10	7.0E-10	1.1E-07	3.1E-12	3.1E-12	3.9E-08	3.9E-08	5.4E-08	4.9E-07	1.0E-07	3.5E-09	Xe133
Xe133m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	1.1E-08	1.7E-08	1.1E-07	1.7E-08	1.7E-08	1.7E-08	4.2E-08	4.2E-08	3.4E-09	3.4E-09	3.4E-09	6.3E-09	6.2E-09	1.0E-06	2.8E-11	2.8E-11	3.5E-07	3.5E-07	4.8E-07	4.4E-06	9.3E-07	3.2E-08	Xe135
I131	13.4E-07	3.4E-07	2.1E-06	3.4E-07	3.4E-07	3.4E-07	8.4E-07	8.4E-07	7.0E-08	7.0E-08	8.4E-07	1.3E-07	1.3E-07	1.8E-05	6.3E-10	6.3E-10	7.1E-06	7.1E-06	8.8E-06	5.9E-05	1.6E-05	6.9E-07	I131
I132	19.6E-08	9.6E-08	6.0E-07	9.6E-08	9.6E-08	9.6E-08	2.4E-07	2.4E-07	2.0E-08	2.4E-07	3.6E-08	3.6E-08	3.6E-08	5.0E-06	1.8E-10	1.8E-10	2.0E-06	2.0E-06	2.5E-06	1.7E-05	4.7E-06	2.0E-07	I132
I133	15.9E-07	5.9E-07	3.7E-06	5.9E-07	5.9E-07	5.9E-07	1.5E-06	1.5E-06	1.2E-07	1.2E-07	1.5E-06	2.2E-07	2.2E-07	3.1E-05	1.1E-09	1.1E-09	1.2E-05	1.2E-05	1.5E-05	1.0E-04	2.9E-05	1.2E-06	I133
I134	1.1E-08	1.1E-08	6.8E-08	1.1E-08	1.1E-08	1.1E-08	2.7E-08	2.7E-08	2.3E-09	2.3E-09	2.7E-08	4.1E-09	4.1E-09	5.7E-07	2.0E-11	2.0E-11	2.3E-07	2.3E-07	2.9E-07	1.9E-06	5.3E-07	2.2E-08	I134
I135	13.9E-07	3.9E-07	2.4E-06	3.9E-07	3.9E-07	3.9E-07	9.7E-07	9.7E-07	8.0E-08	8.0E-08	9.7E-07	1.5E-07	1.5E-07	2.0E-05	7.2E-10	7.2E-10	8.2E-06	8.2E-06	1.0E-05	6.8E-05	1.9E-05	7.9E-07	I135
F18	16.8E-12	6.8E-12	3.9E-11	6.8E-12	6.8E-12	6.8E-12	1.7E-11	1.7E-11	1.4E-12	1.4E-12	1.7E-11	2.6E-12	2.6E-12	2.4E-10	1.4E-14	1.4E-14	1.3E-10	1.3E-10	1.3E-10	6.2E-10	2.3E-10	1.4E-11	F18
Co58	11.5E-13	1.5E-13	8.5E-13	1.5E-13	1.5E-13	1.5E-13	3.6E-13	3.6E-13	3.1E-14	3.1E-14	3.6E-13	5.5E-14	5.5E-14	5.6E-12	3.0E-16	3.0E-16	2.8E-12	2.8E-12	3.0E-12	1.5E-11	5.2E-12	3.1E-13	Co58
Co60	15.4E-14	5.4E-14	3.2E-13	5.4E-14	5.4E-14	5.4E-14	1.3E-13	1.3E-13	1.1E-14	1.1E-14	1.3E-13	2.0E-14	2.0E-14	2.2E-12	1.1E-16	1.1E-16	1.0E-12	1.0E-12	1.2E-12	6.5E-12	2.1E-12	1.1E-13	Co60
Rb88	11.6E-03	1.6E-03	9.6E-03																				

	U1 RCS	U1 UCmnt	U1 LCnmt	U1 Sump	U1 SG_1	U1 SG_2	U1 SG_3	U1 SG_4	SGBD Mix	SI_1A HL	SI_1B HL	SI_1 CL	CVCS Pmp	Letdown	VCT	RHR1A HL	RHR1B HL	RHR1A CL	RHR1B CL	U1 CS A	U1 CS B	U1 CCS	Gross
Gross	14.7E+03	1.7E-01	6.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.8E-09	6.7E-02	6.2E-02	2.6E-02	4.8E+03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	14.4E+01	5.7E-03	2.0E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.5E-11	6.4E-04	6.0E-04	2.5E-04	4.5E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	19.9E+00	1.3E-03	4.4E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.2E-12	6.2E-05	5.8E-05	1.0E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	17.4E+01	9.6E-03	3.3E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-10	8.6E-04	8.0E-04	3.4E-04	7.5E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	18.5E+02	1.1E-01	3.2E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.6E-09	2.0E-02	1.8E-02	7.7E-03	8.6E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	2.6E+01	3.3E-03	1.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-09	1.1E-02	1.0E-02	4.3E-03	2.6E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	13.0E+02	2.7E-02	1.2E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-09	1.0E-02	9.7E-03	4.1E-03	3.1E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	14.0E+02	1.6E-04	5.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.0E-11	4.6E-04	4.3E-04	1.8E-04	4.0E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	11.1E+02	4.1E-05	1.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-10	9.0E-04	8.4E-04	3.6E-04	1.1E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	17.0E+02	2.7E-04	9.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-10	3.4E-03	3.1E-03	1.3E-03	7.0E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	11.1E+01	4.1E-04	1.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-11	8.8E-05	8.2E-05	3.5E-05	1.1E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	14.5E+02	1.7E-04	6.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-10	3.4E-03	3.2E-03	1.4E-03	4.5E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	11.3E-03	6.1E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-09	1.1E-02	1.0E-02	4.5E-03	1.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	19.8E-05	2.7E-10	1.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.2E-11	4.7E-04	4.4E-04	1.9E-04	9.9E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	16.0E-05	8.7E-11	8.0E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E-11	1.3E-04	1.2E-04	5.1E-05	6.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	17.3E+01	9.3E-03	2.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-10	8.5E-04	7.9E-04	3.3E-04	7.3E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	17.9E-05	3.8E-10	1.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.1E-11	7.0E-04	6.4E-04	2.7E-04	7.9E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	12.3E-04	3.7E-07	1.0E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.7E-10	2.1E-03	1.9E-03	8.1E-04	2.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	14.3E+00	1.6E-06	5.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.3E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	16.8E-06	3.2E-11	9.0E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.9E-12	6.0E-05	5.5E-05	2.4E-05	6.8E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	19.4E-06	4.5E-11	1.3E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-11	8.3E-05	7.7E-05	3.3E-05	9.5E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	17.5E+01	2.9E-05	1.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.6E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	15.3E+01	2.0E-05	7.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.3E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	17.7E+02	3.0E-04	1.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.8E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	17.8E+02	3.0E-04	1.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.8E+02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	Outside	River	ERCW 1A	ERCW 1B	ERCW 2A	ERCW 2B	EGTS A	EGTS B	Annulus1	Annulus2	WGBTeff1	SHLDbld1	SHLDbld2	AB VENT	ABGTS A	ABGTS B	PURGE A	PURGE B				
Gross	16.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E+00	0.0E+00	6.0E-01	0.0E+00	0.0E+00	3.2E-01	0.0E+00	0.0E+00	3.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Gross
Kr85m	12.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.1E-02	0.0E+00	2.0E-02	0.0E+00	0.0E+00	1.1E-02	0.0E+00	0.0E+00	1.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr85m
Kr87	15.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.1E-03	0.0E+00	4.6E-03	0.0E+00	0.0E+00	2.5E-03	0.0E+00	0.0E+00	2.6E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr88	13.8E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.9E-02	0.0E+00	3.4E-02	0.0E+00	0.0E+00	1.9E-02	0.0E+00	0.0E+00	1.9E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xe133	14.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.7E-01	0.0E+00	3.9E-01	0.0E+00	0.0E+00	2.2E-01	0.0E+00	0.0E+00	2.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133
Xe133m	1.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-02	0.0E+00	1.2E-02	0.0E+00	0.0E+00	6.7E-03	0.0E+00	0.0E+00	6.8E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe133m
Xe135	11.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.9E-01	0.0E+00	9.6E-02	0.0E+00	0.0E+00	5.4E-02	0.0E+00	0.0E+00	5.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xe135
I131	13.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.5E-06	0.0E+00	5.6E-04	0.0E+00	0.0E+00	1.6E-06	0.0E+00	0.0E+00	7.9E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I131
I132	18.2E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-06	0.0E+00	1.5E-04	0.0E+00	0.0E+00	4.1E-07	0.0E+00	0.0E+00	2.1E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I132
I133	15.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.6E-06	0.0E+00	9.7E-04	0.0E+00	0.0E+00	2.7E-06	0.0E+00	0.0E+00	1.4E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I133
I134	18.2E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-07	0.0E+00	1.5E-05	0.0E+00	0.0E+00	4.1E-08	0.0E+00	0.0E+00	2.1E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I134
I135	13.5E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.2E-06	0.0E+00	6.2E-04	0.0E+00	0.0E+00	1.7E-06	0.0E+00	0.0E+00	8.9E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	I135
F18	11.9E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.3E-11	0.0E+00	3.3E-09	0.0E+00	0.0E+00	9.3E-12	0.0E+00	0.0E+00	6.5E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	F18
Co58	15.6E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-12	0.0E+00	2.0E-10	0.0E+00	0.0E+00	2.8E-13	0.0E+00	0.0E+00	8.9E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co58
Co60	12.8E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.0E-13	0.0E+00	1.0E-10	0.0E+00	0.0E+00	1.4E-13	0.0E+00	0.0E+00	4.0E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Co60
Rb88	12.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-02	0.0E+00	3.3E-02	0.0E+00	0.0E+00	7.8E-03	0.0E+00	0.0E+00	5.7E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Rb88
Na24	15.7E-16	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-12	0.0E+00	2.0E-10	0.0E+00	0.0E+00	2.8E-13	0.0E+00	0.0E+00	9.9E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Na24
Ar41	12.2E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.0E-07	0.0E+00	2.0E-07	0.0E+00	0.0E+00	1.1E-07	0.0E+00	0.0E+00	1.6E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	11.6E-11	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.9E-08	0.0E+00	5.9E-06	0.0E+00	0.0E+00	8.2E-09	0.0E+00	0.0E+00	2.1E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Te129
Nb95	14.9E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.7E-14	0.0E+00	1.8E-11	0.0E+00	0.0E+00	2.4E-14	0.0E+00	0.0E+00	8.5E-20	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Nb95
Tc99m	16.8E-17	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-13	0.0E+00	2.5E-11	0.0E+00	0.0E+00	3.4E-14	0.0E+00	0.0E+00	1.2E-19	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Tc99m
Cs134	12.9E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.2E-07	0.0E+00	1.0E-04	0.0E+00	0.0E+00	1.4E-07	0.0E+00	0.0E+00	3.7E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs134
Cs137	12.0E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.6E-07	0.0E+00	7.3E-05	0.0E+00	0.0E+00	1.0E-07	0.0E+00	0.0E+00	2.6E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Cs137
Ba140	12.9E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.3E-06	0.0E+00	1.1E-03	0.0E+00	0.0E+00	1.5E-06	0.0E+00	0.0E+00	3.8E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ba140
La140	13.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.3E-06	0.0E+00	1.1E-03	0.0E+00	0.0E+00	1.5E-06	0.0E+00	0.0E+00	3.8E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146

	Elev 653	U1_RHR A	U1_RHR B	U1_CS A	U1_CS B	TDCT_RM	FDCT_RM	EVAP_PMP	STRIP_RM	U2_RHR A	U2_RHR B	U2_CS A	U2_CS B	Elev 669	U2_SI A	U2_SI B	U2_TDAFW	U2_CCP A	U2_CCP B	U2_CCP C	WGDT_RM1	WGDT_RM2	Gross
Gross	11.4E-05	7.2E-07	7.2E-07	7.2E-07	7.2E-07	2.2E-06	1.7E-06	2.9E-06	5.1E-06	7.2E-07	7.2E-07	7.2E-07	7.2E-07	1.0E-04	7.0E-06	7.0E-06	7.0E-06	7.0E-06	7.0E-06	7.0E-06	6.1E-06	6.1E-06	Kr85m
Kr85m	14.7E-07	2.5E-08	2.5E-08	2.5E-08	2.5E-08	7.6E-08	5.9E-08	1.0E-07	1.8E-07	2.5E-08	2.5E-08	2.5E-08	2.5E-08	3.6E-06	2.4E-07	2.4E-07	2.4E-07	2.4E-07	2.4E-07	2.4E-07	2.1E-07	2.1E-07	Kr87
Kr87	11.1E-07	5.6E-09	5.6E-09	5.6E-09	5.6E-09	1.7E-08	1.3E-08	2.2E-08	4.0E-08	5.6E-09	5.6E-09	5.6E-09	5.6E-09	8.0E-07	5.4E-08	5.4E-08	5.4E-08	5.4E-08	5.4E-08	5.4E-08	4.7E-08	4.7E-08	Kr88
Kr88	17.9E-07	4.2E-08	4.2E-08	4.2E-08	4.2E-08	1.3E-07	9.8E-08	1.7E-07	3.0E-07	4.2E-08	4.2E-08	4.2E-08	4.2E-08	6.0E-06	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	3.6E-07	3.6E-07	Kr88
Xe133	8.9E-06	4.7E-07	4.7E-07	4.7E-07	4.7E-07	1.4E-06	1.1E-06	1.9E-06	3.4E-06	4.7E-07	4.7E-07	4.7E-07	4.7E-07	6.8E-05	4.6E-06	4.6E-06	4.6E-06	4.6E-06	4.6E-06	4.6E-06	4.0E-06	4.0E-06	Xe133
Xe133m	2.8E-07	1.5E-08	1.5E-08	1.5E-08	1.5E-08	4.4E-08	3.4E-08	5.9E-08	1.0E-07	1.5E-08	1.5E-08	1.5E-08	1.5E-08	2.1E-06	1.4E-07	1.4E-07	1.4E-07	1.4E-07	1.4E-07	1.4E-07	1.2E-07	1.2E-07	Xe133m
Xe135	12.2E-06	1.1E-07	1.1E-07	1.1E-07	1.1E-07	3.4E-07	2.7E-07	4.6E-07	8.1E-07	1.1E-07	1.1E-07	1.1E-07	1.1E-07	1.6E-05	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	9.7E-07	9.7E-07	Xe135
I131	16.4E-11	3.4E-12	3.4E-12	3.4E-12	3.4E-12	1.0E-11	8.0E-12	1.4E-11	2.4E-11	3.4E-12	3.4E-12	3.4E-12	3.4E-12	4.9E-10	3.3E-11	3.3E-11	3.3E-11	3.3E-11	3.3E-11	3.3E-11	2.9E-11	2.9E-11	I131
I132	11.7E-11	9.0E-13	9.0E-13	9.0E-13	9.0E-13	2.7E-12	2.1E-12	3.6E-12	6.4E-12	9.0E-13	9.0E-13	9.0E-13	9.0E-13	9.0E-12	3.4E-13	3.4E-13	3.4E-13	3.4E-13	3.4E-13	3.4E-13	5.0E-11	5.0E-11	I133
I133	11.1E-10	5.9E-12	5.9E-12	5.9E-12	5.9E-12	1.4E-11	2.4E-11	4.2E-11	5.9E-12	5.9E-12	5.9E-12	5.9E-12	5.9E-12	8.5E-10	5.7E-11	5.7E-11	5.7E-11	5.7E-11	5.7E-11	5.7E-11	7.7E-13	7.7E-13	I134
I134	11.7E-12	9.0E-14	9.0E-14	9.0E-14	9.0E-14	2.7E-13	2.1E-13	3.6E-13	6.4E-13	9.0E-14	9.0E-14	9.0E-14	9.0E-14	1.3E-11	8.8E-13	8.8E-13	8.8E-13	8.8E-13	8.8E-13	8.8E-13	3.2E-11	3.2E-11	I135
I135	17.2E-11	3.8E-12	3.8E-12	3.8E-12	3.8E-12	1.2E-11	8.9E-12	1.5E-11	2.7E-11	3.8E-12	3.8E-12	3.8E-12	3.8E-12	5.5E-10	3.7E-11	3.7E-11	3.7E-11	3.7E-11	3.7E-11	3.7E-11	3.2E-11	3.2E-11	F18
F18	7.8E-16	5.5E-17	5.5E-17	5.5E-17	5.5E-17	1.6E-16	1.3E-16	2.1E-16	3.5E-16	5.5E-17	5.5E-17	5.5E-17	5.5E-17	4.5E-15	4.1E-16	4.1E-16	4.1E-16	4.1E-16	4.1E-16	4.1E-16	3.6E-16	3.6E-16	F18
Co58	12.0E-17	1.3E-18	1.3E-18	1.3E-18	1.3E-18	3.9E-18	3.0E-18	5.1E-18	8.6E-18	1.3E-18	1.3E-18	1.3E-18	1.3E-18	1.2E-16	1.0E-17	1.0E-17	1.0E-17	1.0E-17	1.0E-17	1.0E-17	9.0E-18	9.0E-18	Co58
Co60	8.0E-18	5.0E-19	5.0E-19	5.0E-19	5.0E-19	1.5E-18	1.2E-18	1.9E-18	3.3E-18	5.0E-19	5.0E-19	5.0E-19	5.0E-19	5.3E-17	4.1E-18	4.1E-18	4.1E-18	4.1E-18	4.1E-18	4.1E-18	3.6E-18	3.6E-18	Co60
Rb88	17.5E-07	4.0E-08	4.0E-08	4.0E-08	4.0E-08	1.2E-07	9.4E-08	1.6E-07	2.8E-07	4.0E-08	4.0E-08	4.0E-08	4.0E-08	5.5E-06	3.9E-07	3.9E-07	3.9E-07	3.9E-07	3.9E-07	3.9E-07	3.4E-07	3.4E-07	Rb88
Na24	2.4E-17	1.7E-18	1.7E-18	1.7E-18	1.7E-18	4.9E-18	3.9E-18	6.4E-18	1.1E-17	1.7E-18	1.7E-18	1.7E-18	1.7E-18	1.4E-16	1.2E-17	1.2E-17	1.2E-17	1.2E-17	1.2E-17	1.2E-17	1.1E-17	1.1E-17	Na24
Ar41	9.4E-12	6.7E-13	6.7E-13	6.7E-13	6.7E-13	2.0E-12	1.5E-12	2.6E-12	4.3E-12	6.7E-13	6.7E-13	6.7E-13	6.7E-13	5.5E-11	4.9E-12	4.9E-12	4.9E-12	4.9E-12	4.9E-12	4.9E-12	4.3E-12	4.3E-12	Ar41
Te129	3.4E-13	1.8E-14	1.8E-14	1.8E-14	1.8E-14	5.4E-14	4.2E-14	7.2E-14	1.3E-13	1.8E-14	1.8E-14	1.8E-14	1.8E-14	2.6E-12	1.7E-13	1.7E-13	1.7E-13	1.7E-13	1.7E-13	1.7E-13	1.5E-13	1.5E-13	Te129
Nb95	12.0E-18	1.4E-19	1.4E-19	1.4E-19	1.4E-19	4.2E-19	3.3E-19	5.5E-19	9.3E-19	1.4E-19	1.4E-19	1.4E-19	1.4E-19	1.2E-17	1.1E-18	1.1E-18	1.1E-18	1.1E-18	1.1E-18	1.1E-18	9.4E-19	9.4E-19	Nb95
Tc99m	2.8E-18	2.0E-19	2.0E-19	2.0E-19	2.0E-19	5.9E-19	4.6E-19	7.7E-19	1.3E-18	2.0E-19	2.0E-19	2.0E-19	2.0E-19	1.7E-17	1.5E-18	1.5E-18	1.5E-18	1.5E-18	1.5E-18	1.5E-18	1.3E-18	1.3E-18	Tc99m
Cs134	16.0E-12	3.2E-13	3.2E-13	3.2E-13	3.2E-13	9.6E-13	7.4E-13	1.3E-12	2.2E-12	3.2E-13	3.2E-13	3.2E-13	3.2E-13	4.5E-11	3.1E-12	3.1E-12	3.1E-12	3.1E-12	3.1E-12	3.1E-12	2.7E-12	2.7E-12	Cs134
Cs137	14.2E-12	2.2E-13	2.2E-13	2.2E-13	2.2E-13	6.7E-13	5.2E-13	8.9E-13	1.6E-12	2.2E-13	2.2E-13	2.2E-13	2.2E-13	3.2E-11	2.2E-12	2.2E-12	2.2E-12	2.2E-12	2.2E-12	2.2E-12	1.9E-12	1.9E-12	Cs137
Ba140	16.1E-11	3.3E-12	3.3E-12	3.3E-12	3.3E-12	9.8E-12	7.6E-12	1.3E-11	2.3E-11	3.3E-12	3.3E-12	3.3E-12	3.3E-12	4.7E-10	3.2E-11	3.2E-11	3.2E-11	3.2E-11	3.2E-11	3.2E-11	2.8E-11	2.8E-11	Ba140
La140	16.2E-11	3.3E-12	3.3E-12	3.3E-12	3.3E-12	9.9E-12	7.7E-12	1.3E-11	2.3E-11	3.3E-12	3.3E-12	3.3E-12	3.3E-12	4.7E-10	3.2E-11	3.2E-11	3.2E-11	3.2E-11	3.2E-11	3.2E-11	2.8E-11	2.8E-11	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1_SI A	U1_SI B	U1_TDAFW	U1_CCP A	U1_CCP B	U1_CCP C	HUT A_RM	HUT B_RM	BA_EVAP1	BA_EVAP2	SPARE669	U1Pen669	U2Pen669	Elev 706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdcon	RRoadBay	WPKgArea	CDWE_Bdg	Gross
Gross	7.0E-06	7.0E-06	4.0E-05	7.0E-06	7.0E-06	7.0E-06	1.7E-05	1.7E-05	1.5E-06	1.5E-06	1.7E-05	2.6E-06	2.6E-06	2.5E-04	1.6E-08	1.6E-08	1.4E-04	1.4E-04	1.4E-04	5.0E-04	2.3E-04	1.5E-05	Kr85m
Kr85m	12.4E-07	2.4E-07	1.4E-06	2.4E-07	2.4E-07	2.4E-07	6.0E-07	6.0E-07	5.1E-08	5.1E-08	6.0E-07	9.2E-08	9.2E-08	8.7E-06	5.5E-10	5.5E-10	4.9E-06	4.9E-06	4.9E-06	1.8E-05	8.2E-06	5.3E-07	Kr87
Kr87	5.4E-08	5.4E-08	3.1E-07	5.4E-08	5.4E-08	5.4E-08	1.3E-07	1.3E-07	1.1E-08	1.1E-08	1.3E-07	2.1E-08	2.1E-08	1.9E-06	1.2E-10	1.2E-10	1.1E-06	1.1E-06	1.1E-06	3.9E-06	1.8E-06	1.2E-07	Kr88
Kr88	14.1E-07	4.1E-07	2.4E-06	4.1E-07	4.1E-07	4.1E-07	1.0E-06	1.0E-06	8.6E-08	8.6E-08	1.0E-06	1.5E-07	1.5E-07	1.5E-05	9.3E-10	9.3E-10	8.0E-06	8.0E-06	8.0E-06	3.0E-05	1.4E-05	8.9E-07	Kr88
Xe133	4.6E-06	4.6E-06	2.7E-05	4.6E-06	4.6E-06	4.6E-06	1.1E-05	1.1E-05	9.6E-07	9.6E-07	1.1E-05	1.7E-06	1.7E-06	1.3E-04	1.0E-08	1.0E-08	9.0E-05	9.0E-05	9.0E-05	2.2E-05	3.3E-04	1.5E-04	Xe133
Xe133m	1.4E-07	1.4E-07	8.2E-07	1.4E-07	1.4E-07	1.4E-07	3.5E-07	3.5E-07	3.0E-08	3.0E-08	3.5E-07	5.4E-08	5.4E-08	5.1E-06	3.2E-10	3.2E-10	2.8E-06	2.8E-06	2.8E-06	1.0E-05	4.8E-06	3.1E-07	Xe133m
Xe135	11.1E-06	1.1E-06	6.4E-06	1.1E-06	1.1E-06	1.1E-06	2.7E-06	2.7E-06	2.3E-07	2.7E-06	2.7E-06	4.2E-07	4.2E-07	4.0E-05	2.5E-09	2.5E-09	2.2E-05	2.2E-05	2.2E-05	8.2E-05	3.8E-05	2.4E-06	Xe135
I131	3.3E-11	3.3E-11	1.9E-10	3.3E-11	3.3E-11	3.3E-11	8.1E-11	8.1E-11	6.9E-12	8.1E-11	8.1E-11	1.3E-11	1.3E-11	1.2E-09	7.5E-14	7.5E-14	6.5E-10	6.5E-10	6.5E-10	2.4E-09	1.1E-09	7.2E-11	I131
I132	8.8E-12	8.8E-12	5.0E-11	8.8E-12	8.8E-12	8.8E-12	2.1E-11	2.1E-11	1.8E-12	2.1E-11	2.1E-11	3.3E-12	3.3E-12	3.1E-10	2.0E-14	2.0E-14	1.7E-10	1.7E-10	1.7E-10	1.2E-09	1.9E-10	1.9E-11	I132
I133	5.7E-11	5.7E-11	3.3E-10	5.7E-11	5.7E-11	5.7E-11	1.4E-10	1.4E-10	1.2E-11	1.4E-10	1.4E-10	2.2E-11	2.2E-11	2.0E-09	1.3E-13	1.3E-13	1.1E-09	1.1E-09	1.1E-09	4.2E-09	1.9E-09	1.2E-10	I133
I134	8.8E-13	8.8E-13	5.1E-12	8.8E-13	8.8E-13	8.8E-13	2.1E-12	2.1E-12	1.8E-13	2.1E-12	2.1E-12	3.3E-13	3.3E-13	3.1E-11	2.0E-15	2.0E-15	1.7E-11	1.7E-11	1.7E-11	6.4E-11	2.9E-11	1.9E-12	I134
I135	3.7E-11	3.7E-11	2.1E-10	3.7E-11	3.7E-11	3.7E-11	9.1E-11	9.1E-11	7.8E-12	9.1E-11	9.1E-11	1.4E-11	1.4E-11	1.3E-09	8.4E-14	8.4E-14	7.3E-10	7.3E-10	7.3E-10	2.7E-09	1.2E-09	8.1E-11	I135
F18	14.1E-16	4.1E-16	2.1E-15	4.1E-16	4.1E-16	4.1E-16	9.7E-16	9.7E-16	8.7E-17	9.7E-16	9.7E-16	1.6E-16	1.6E-16	9.4E-15	8.8E-19	8.8E-19	6.2E-15	6.2E-15	6.2E-15	5.8E-15	1.6E-14	8.9E-15	F18
Co58	1.0E-17	1.0E-17	5.5E-17	1.0E-17	1.0E-17	1.0E-17	2.5E-17	2.5E-17	2.2E-18	2.5E-17	2.5E-17	3.9E-18	3.9E-18	2.6E-16	2.2E-20	2.2E-20	1.6E-16	1.6E-16	1.6E-16	4.5E-16	2.5E-16	2.1E-17	Co58
Co60	14.1E-18	4.1E-18	2.3E-17	4.1E-18	4.1E-18	4.1E-18	1.0E-17	1.0E-17	8.8E-19	8.8E-19	1.0E-17	1.6E-18	1.6E-18	1.2E-16	9.2E-21	9.2E-21	7.1E-17	7.1E-17	7.1E-17	2.2E-16	1.1E-16	7.8E-18	Co60
Rb88	3.9E-07	3.9E-07	2.2E-06	3.9E-0																			

	Elev 653	U1 RHR A	U1 RHR B	U1 CS A	U1 CS B	TDCT_RM	FDCT_RM	EVAP_PMP	STRIP_RM	U2 RHR A	U2 RHR B	U2 CS A	U2 CS B	Elev_669	U2 SI A	U2 SI B	U2 TDAFW	U2 CCP A	U2 CCP B	U2 CCP C	WGDT_RM1	WGDT_RM2	Gross
Gross	14.8E-03	2.4E-04	2.4E-04	2.4E-04	2.4E-04	7.3E-04	5.6E-04	9.7E-04	1.7E-03	2.4E-04	2.4E-04	2.4E-04	2.4E-04	3.8E-02	2.5E-03	2.5E-03	2.5E-03	2.5E-03	2.5E-03	2.5E-03	0.0E+00	0.0E+00	Kr85m
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	15.6E-09	2.1E-10	2.1E-10	2.1E-10	2.1E-10	6.4E-10	4.9E-10	8.6E-10	1.6E-09	2.1E-10	2.1E-10	2.1E-10	2.1E-10	6.7E-08	2.8E-09	2.8E-09	2.8E-09	2.8E-09	2.8E-09	2.8E-09	2.8E-09	2.8E-09	Xel133
Xel133m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel135	14.9E-08	1.8E-09	1.8E-09	1.8E-09	1.8E-09	5.6E-09	4.3E-09	7.5E-09	1.4E-08	1.8E-09	1.8E-09	1.8E-09	1.8E-09	5.9E-07	2.5E-08	2.5E-08	2.5E-08	2.5E-08	2.5E-08	2.5E-08	2.5E-08	2.5E-08	Xel135
I131	19.3E-07	4.0E-08	4.0E-08	4.0E-08	4.0E-08	1.2E-07	9.5E-08	1.6E-07	3.0E-07	4.0E-08	4.0E-08	4.0E-08	4.0E-08	9.1E-06	4.7E-07	4.7E-07	4.7E-07	4.7E-07	4.7E-07	4.7E-07	4.7E-07	4.7E-07	I131
I132	12.5E-07	1.1E-08	1.1E-08	1.1E-08	1.1E-08	3.3E-08	2.5E-08	4.4E-08	7.9E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	2.4E-06	1.3E-07	1.3E-07	1.3E-07	1.3E-07	1.3E-07	1.3E-07	1.3E-07	1.3E-07	I132
I133	11.6E-06	7.0E-08	7.0E-08	7.0E-08	7.0E-08	2.1E-07	1.6E-07	2.9E-07	5.2E-07	7.0E-08	7.0E-08	7.0E-08	7.0E-08	1.6E-05	8.2E-07	8.2E-07	8.2E-07	8.2E-07	8.2E-07	8.2E-07	8.2E-07	8.2E-07	I133
I134	12.5E-08	1.1E-09	1.1E-09	1.1E-09	1.1E-09	3.3E-09	2.5E-09	4.4E-09	7.9E-09	1.1E-09	1.1E-09	1.1E-09	1.1E-09	2.4E-07	1.3E-08	1.3E-08	1.3E-08	1.3E-08	1.3E-08	1.3E-08	1.3E-08	1.3E-08	I134
I135	11.0E-06	4.5E-08	4.5E-08	4.5E-08	4.5E-08	1.4E-07	1.1E-07	1.8E-07	3.3E-07	4.5E-08	4.5E-08	4.5E-08	4.5E-08	1.0E-05	5.3E-07	5.3E-07	5.3E-07	5.3E-07	5.3E-07	5.3E-07	5.3E-07	5.3E-07	I135
F18	11.5E-11	8.9E-13	8.9E-13	8.9E-13	8.9E-13	2.6E-12	2.1E-12	3.5E-12	6.0E-12	8.9E-13	8.9E-13	8.9E-13	8.9E-13	1.1E-10	7.9E-12	7.9E-12	7.9E-12	7.9E-12	7.9E-12	7.9E-12	7.9E-12	7.9E-12	F18
Co58	13.7E-13	2.0E-14	2.0E-14	2.0E-14	2.0E-14	6.1E-14	4.8E-14	8.1E-14	1.4E-13	2.0E-14	2.0E-14	2.0E-14	2.0E-14	2.9E-12	1.9E-13	1.9E-13	1.9E-13	1.9E-13	1.9E-13	1.9E-13	1.9E-13	1.9E-13	Co58
Co60	11.4E-13	7.2E-15	7.2E-15	7.2E-15	7.2E-15	2.2E-14	1.7E-14	2.9E-14	5.1E-14	7.2E-15	7.2E-15	7.2E-15	7.2E-15	1.2E-12	7.1E-14	7.1E-14	7.1E-14	7.1E-14	7.1E-14	7.1E-14	7.1E-14	7.1E-14	Co60
Rb88	14.0E-03	2.0E-04	2.0E-04	2.0E-04	2.0E-04	6.0E-04	4.6E-04	8.0E-04	1.4E-03	2.0E-04	2.0E-04	2.0E-04	2.0E-04	3.1E-02	2.0E-03	2.0E-03	2.0E-03	2.0E-03	2.0E-03	2.0E-03	2.0E-03	2.0E-03	Rb88
Na24	14.7E-13	2.7E-14	2.7E-14	2.7E-14	2.7E-14	8.1E-14	6.3E-14	1.1E-13	1.8E-13	2.7E-14	2.7E-14	2.7E-14	2.7E-14	3.5E-12	2.4E-13	2.4E-13	2.4E-13	2.4E-13	2.4E-13	2.4E-13	2.4E-13	2.4E-13	Na24
Ar41	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Ar41
Te129	14.9E-09	2.1E-10	2.1E-10	2.1E-10	2.1E-10	6.5E-10	5.0E-10	8.7E-10	1.6E-09	2.1E-10	2.1E-10	2.1E-10	2.1E-10	4.8E-08	2.5E-09	2.5E-09	2.5E-09	2.5E-09	2.5E-09	2.5E-09	2.5E-09	2.5E-09	Te129
Nb95	14.0E-14	2.3E-15	2.3E-15	2.3E-15	2.3E-15	6.9E-15	5.4E-15	9.1E-15	1.6E-14	2.3E-15	2.3E-15	2.3E-15	2.3E-15	3.0E-13	2.1E-14	2.1E-14	2.1E-14	2.1E-14	2.1E-14	2.1E-14	2.1E-14	2.1E-14	Nb95
Tc99m	15.6E-14	3.2E-15	3.2E-15	3.2E-15	3.2E-15	9.7E-15	7.5E-15	1.3E-14	2.2E-14	3.2E-15	3.2E-15	3.2E-15	3.2E-15	4.2E-13	2.9E-14	2.9E-14	2.9E-14	2.9E-14	2.9E-14	2.9E-14	2.9E-14	2.9E-14	Tc99m
Cs134	18.6E-08	3.7E-09	3.7E-09	3.7E-09	3.7E-09	1.1E-08	8.8E-09	1.5E-08	2.8E-08	3.7E-09	3.7E-09	3.7E-09	3.7E-09	8.5E-07	4.4E-08	4.4E-08	4.4E-08	4.4E-08	4.4E-08	4.4E-08	4.4E-08	4.4E-08	Cs134
Cs137	16.1E-08	2.6E-09	2.6E-09	2.6E-09	2.6E-09	8.1E-09	6.2E-09	1.1E-08	2.0E-08	2.6E-09	2.6E-09	2.6E-09	2.6E-09	6.0E-07	3.1E-08	3.1E-08	3.1E-08	3.1E-08	3.1E-08	3.1E-08	3.1E-08	3.1E-08	Cs137
Ba140	18.9E-07	3.8E-08	3.8E-08	3.8E-08	3.8E-08	1.2E-07	9.1E-08	1.6E-07	2.9E-07	3.8E-08	3.8E-08	3.8E-08	3.8E-08	8.7E-06	4.5E-07	4.5E-07	4.5E-07	4.5E-07	4.5E-07	4.5E-07	4.5E-07	4.5E-07	Ba140
La140	19.0E-07	3.9E-08	3.9E-08	3.9E-08	3.9E-08	1.2E-07	9.1E-08	1.6E-07	2.9E-07	3.9E-08	3.9E-08	3.9E-08	3.9E-08	8.8E-06	4.6E-07	4.6E-07	4.6E-07	4.6E-07	4.6E-07	4.6E-07	4.6E-07	4.6E-07	La140
Pr146	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Pr146
	U1 SI A	U1 SI B	U1 TDAFW	U1 CCP A	U1 CCP B	U1 CCP C	HUT A_RM	HUT B_RM	BA EVAP1	BA EVAP2	SPARE669	U1Pen669	U2Pen669	Elev_706	U1_UHI	U2_UHI	U1_PASF	U2_PASF	CASKdcon	RRoadBay	WPkArea	CDWE_Bdg	Gross
Gross	12.5E-03	2.5E-03	1.5E-02	2.5E-03	2.5E-03	2.5E-03	6.1E-03	6.1E-03	5.2E-04	5.2E-04	5.2E-04	9.4E-04	9.3E-04	9.8E-02	5.2E-06	5.2E-06	5.1E-02	5.3E-02	5.3E-02	1.9E-01	9.2E-02	5.4E-03	Kr85m
Kr85m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr87
Kr87	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Kr88	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Kr88
Xel133	12.8E-09	2.8E-09	1.8E-08	2.8E-09	2.8E-09	2.8E-09	7.1E-09	7.1E-09	5.9E-10	5.9E-10	5.9E-10	7.1E-09	1.1E-09	1.1E-09	1.6E-07	5.0E-12	5.0E-12	5.9E-08	7.8E-08	6.5E-07	1.5E-07	5.6E-09	Xel133
Xel133m	10.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	Xel133m
Xel135	12.5E-08	2.5E-08	1.6E-07	2.5E-08	2.5E-08	2.5E-08	6.3E-08	6.3E-08	5.2E-09	5.2E-09	5.2E-09	6.3E-08	9.4E-09	9.3E-09	1.4E-06	4.4E-11	4.4E-11	5.2E-07	6.9E-07	5.7E-06	1.3E-06	4.9E-08	Xel135
I131	14.7E-07	4.7E-07	2.9E-06	4.7E-07	4.7E-07	4.7E-07	1.2E-06	1.2E-06	9.9E-08	9.9E-08	1.2E-06	1.8E-07	1.8E-07	2.3E-05	9.2E-10	9.2E-10	9.9E-06	1.2E-05	7.0E-05	2.1E-05	9.9E-07	1.1E-06	I131
I132	11.3E-07	1.3E-07	7.1E-07	1.3E-07	1.3E-07	1.3E-07	3.1E-07	3.1E-07	2.6E-08	2.6E-08	3.1E-07	4.7E-08	4.7E-08	6.0E-06	2.4E-10	2.4E-10	2.6E-06	3.1E-06	1.8E-05	5.6E-06	2.6E-07	1.1E-06	I132
I133	18.2E-07	8.2E-07	5.0E-06	8.2E-07	8.2E-07	8.2E-07	2.0E-06	2.0E-06	1.7E-07	1.7E-07	2.0E-06	3.1E-07	3.1E-07	3.9E-05	1.6E-09	1.6E-09	1.7E-05	2.0E-05	1.2E-04	3.7E-05	1.7E-06	1.1E-06	I133
I134	11.3E-08	1.3E-08	7.0E-08	1.3E-08	1.3E-08	1.3E-08	3.1E-08	3.1E-08	2.6E-09	2.6E-09	3.1E-08	4.7E-09	4.7E-09	6.0E-07	2.4E-11	2.4E-11	2.6E-07	3.1E-07	1.8E-06	5.6E-07	2.6E-08	1.1E-06	I134
I135	15.3E-07	5.3E-07	3.2E-06	5.3E-07	5.3E-07	5.3E-07	1.3E-06	1.3E-06	1.1E-07	1.1E-07	1.3E-06	2.0E-07	2.0E-07	2.5E-05	1.0E-09	1.0E-09	1.1E-05	1.3E-05	7.8E-05	2.4E-05	1.1E-06	1.1E-06	I135
F18	17.9E-12	7.9E-12	4.5E-11	7.9E-12	7.9E-12	7.9E-12	1.9E-11	1.9E-11	1.7E-12	1.7E-12	1.9E-11	3.0E-12	3.0E-12	2.6E-10	1.6E-14	1.6E-14	1.4E-10	1.5E-10	6.3E-10	2.5E-10	1.6E-11	1.6E-11	F18
Co58	11.9E-13	1.9E-13	1.1E-12	1.9E-13	1.9E-13	1.9E-13	4.6E-13	4.6E-13	4.0E-14	4.0E-14	4.6E-13	7.2E-14	7.2E-14	6.7E-12	3.9E-16	3.9E-16	3.5E-12	3.5E-12	3.7E-12	1.7E-11	6.3E-12	9.9E-13	Co58
Co60	17.1E-14	7.1E-14	4.1E-13	7.1E-14	7.1E-14	7.1E-14	1.7E-13	1.7E-13	1.5E-14	1.5E-14	1.7E-13	2.7E-14	2.7E-14	2.7E-12	1.4E-16	1.4E-16	1.4E-12	1.4E-12	7.5E-12	2.6E-12	1.5E-13	1.5E-13	Co60
Rb88	12.0E-03	2.0E-03																					

2016 SQN Graded Exercise

**Dose Equivalent I-131 for Reactor
Coolant System**

Dose Equivlant I131 values for Reactor Coolant...

[illegible]

06-01-2016 19:03:27 SQN 9-14-2016

Dose Equivlant I131 values for Reactor Coolant...

05:45	DEI U1	7.0E+02	uCi/cc	Boron U1	0.0E+00	ppm	|	DEI U2	0.0E+00	uCi/cc	Boron U2	0.0E+00	ppm
05:50	DEI U1	6.8E+02	uCi/cc	Boron U1	0.0E+00	ppm	|	DEI U2	0.0E+00	uCi/cc	Boron U2	0.0E+00	ppm
05:55	DEI U1	6.5E+02	uCi/cc	Boron U1	0.0E+00	ppm	|	DEI U2	0.0E+00	uCi/cc	Boron U2	0.0E+00	ppm
06:00	DEI U1	6.3E+02	uCi/cc	Boron U1	0.0E+00	ppm	|	DEI U2	0.0E+00	uCi/cc	Boron U2	0.0E+00	ppm