FLORIDA POWER & LIGHT COMPANY
TURKEY POINT UNITS 3 AND 4
EMERGENCY PLAN EXERCISE
JUNE 1983

1.0 OBJECTIVES OF THE EXERCISE

1.1 General objectives

1.1.1 Provide an opportunity to evaluate the adequacy of the emergency plan, its implementing procedures, and associated training.

1.1.2 Provide training in the use of Emergency Plan Implementing Procedures (EPIP), emergency Equipment, and emergency response facilities.

1.1.3 Develop effective working relationships among federal/state/county/FPL emergency response personnel.

1.2 Specific objectives

Test and evaluate the following specific capabilities:

1.2.1 Classification of emergencies

1.2.2 Notification of emergency response personnel

- FPL onsite and offsite
- State and County agencies

1.2.3 Mobilization of emergency response personnel and staffing of emergency response facilities.

1.2.4 Communications among elements of the emergency response organization;

- Adequacy of communications equipment
- Ability of personnel to use communications equipment
- Effectiveness of information transfer

1.2.5 Ability to handle a contaminated injury

- First aid/decontamination
- Transportation
- Hospital response

1.2.6 Radiological assessment

- Offsite dose calculations
- Onsite and offsite (field) surveys
- Protective action recommendations

9406100120 830601
PDR ADOCK 05000250
F PDR

1.2.7 Site evacuation (limited number of personnel)

- Activation of offsite assembly area
- Radiological monitoring of evacuated personnel
- Decontamination facilities at offsite assembly area

1.2.8 Emergency public information

- Timely, accurate news releases coordinated among FPL/State/County public information officials

1.3 Specific portions of the plan which will <u>not</u> be tested:

1.3.1 Complete site evaculation and full site accountability

1.3.2 Real time manning of emergency response facilities

2.0 Logistics

2.1 Dates: June 9, 1983 (Thursday)

2.2 Time: Start at approximately 5:45 a.m.
Terminate prior to 1:00 p.m.

2.3 Locations:

Control Room
TSC
OSC
EOF
Site Assembly (Florida City Substation)
Baptist Hospital

2.4 Participating Organizations:

2.4.1 Florida Power & Light Company

2.4.2 State of Florida

a. Bureau of Disaster Preparedness
b. Department of Health and Rehabilitative Services

2.4.3 Local Support

a. Dade County Office of Emergency Management
b. Monroe County Civil Defense Office

2.4.3 Medical Support

a. Baptist Hospital

3.0 Summary of Events

All major events will be executed unless otherwise noted

3.1 Declaration of emergencies

3.2 Notification and communication to off-site agencies

3.3 Emergency announcement

3.4 Activation of emergency response facilities

a. TSC
b. OSC
c. EOF
d. ENC

3.5 Activation of FPL emergency response personnel

4.0 Evaluator/Controller Package

4.1 Instructions:

a. The activities of the exercise should not have any adverse effect on the safe operation of the plant. Any requirement (Tech. Spec., regulatory or otherwise) shall not be disregarded for exercise purposes.

Should any significant problem arise requiring increased plant attention (e.g., actual emergency condition). The exercise shall be put on "HOLD" until the problem is resolved or a management decision to cancel the exercise is made.

b. Three groups of personnel will participate in the exercise and will function as described below. For ease in identification, color-coded badges and/or arm bands will be provided, as indicated.

1. Players (blue at plant, green at EOF/ENC): Personnel who perform an emergency response function. These personnel serve to take necessary actions to mitigate, terminate, correct and/or recover from the simulated emergency.

2. Controllers/Evaluators (red): Predesignated FPL and contractor personnel who serve an active role in the exercise. Controllers/Evaluators will provide simulated plant and radiological data at appropriate intervals. Controllers/Evaluators may also prompt or initiate certain actions in order to assure continuity of events described in the exercise scenario. Controllers/Evaluators are the only personnel who may provide information to the Players; inputs of information from sources other than controllers will be disregarded by the players.

3. Visitors (white): Personnel who are not predesignated as Controller/Evaluators, or do not function as a Player are called Visitors (e.g., some Federal, State Personnel, representatives from other utilities). Visitors shall not interfere with Players. Any questions, from Visitors, should be directed to a Controller.

c. All actions are to be carried out, as necessary, to respond to the simulated emergency with the exception of actual reactor control manipulation and actual sampling of contaminated systems. Actions which will be taken include (as applicable):

1. Limited site evacuation
2. First aid to simulated injuries
3. Radiation/contamination surveys
4. Coolant sample analysis
5. Fire Department response, on-site

d. All exercise communications shall begin and end with the phrase:

"THIS IS A DRILL" or "THIS IS AN EXERCISE"

SCENARIO

5.1

Plant Turkey Point
Emergency Exercise Scenario
June 9, 1983

Time	Events
5:45 a.m.	Exercise commences. Initial conditions are: Unit 3 @ 100% Charging Pump "C" is out of service for pump shaft repacking; repairs are expected to be complete by 12:00 noon. Charging Pump "B" is out of service and will be for another 12 hours for pump motor overhaul. HHSI pump 4A is declared inoperable due to ongoing repairs to replace a section of the pump discharge piping. Unit 4 has just completed refueling and is undergoing startup testing.
5:55 a.m.	PRMS-15 and 19, condenser air ejector and S/G blow down monitors show gradual increases as S/G "B" experiences a minor tube leak. S/G samples and RCS inventory balance are requested.
6:25 a.m.	S/G sampling and analysis indicate a leak of about 0.3 gpm from the RCS into "B" S/G. Other S/G's are unaffected. The S/G leak is confirmed by a RCS inventory balance which indicates a 0.4 gpm unidentified leak.
6:30 a.m.	A maintenance crew member exiting the charging pump repair area accidently falls and sustains lacerations of the face and a severe cut near the right eye. His face and the eye wound are contaminated.
6:45 a.m.	The first Aid team arrives and requests the transport of the victim offsite for medical treatment.
7:00 a.m.	System dispatcher notifies PTP of a tornado warning that has been issued for the PTP area effective until 10:00 a.m.
7:15 a.m.	Offsite ambulance should arrive at this time.
7:25 a.m.	Offsite ambulance should depart PTP. Offsite agencies should be notified of the Unusual Event.

7:55 a.m.	Security reports that a tornado has touched down in the cooling canal area but has headed out toward the water. Another Unusual Event should be declared at this time.
8:15 a.m.	A fire is started from welding sparks in the SIS Pump Room and has spread to affect all 4 HHSI pumps.
8:25 a.m.	The fire brigade arrives and contains the fire to the HHSI pump area.
8:45 a.m.	The fire is extinguished but all four HHSI pumps have sustained extensive fire and water damage. A Site Area Emergency should be declared on the basis that safety equipment is affected by the fire.
8:50 a.m.	Unit shutdown commences to meet Tech. Spec. 3.01.
9:10 a.m.	With the reactor at 90% power, level channel 476 for S/G "A" fails high resulting in the automatic closure of the main feed control valve for S/G "A". Manual actions to switch control channels and place control back to "manual" are not successful as "A" S/G level falls rapidly. The Reactor trips and the auxiliary feed system initiates when S/G "A" level falls to 15%. The turbine and generator trip immediately from the Rx trip.
9:15 a.m.	Post-trip operations proceed normally. Steam dump to condenser is operating to reduce RCS temperature and S/G pressure. Main feedwater isolation occurs when RCS T-average falls below 554° F. Auxiliary feedwater is secured as normal S/G levels are being restored by the Main Feedwater System via the bypass FW control valves.
9:20 a.m.	A multiple tube rupture occurs in S/G "B". RCS pressure drops quickly as the operation of Charging Pump "A" could not maintain adequate makeup to the RCS. A Safety Injection signal is generated by low pressurizer pressure and results in total feedwater isolation. All SI-associated equipment except HHSI pumps start and function automatically. MFW is totally isolated.

9:25 a.m.	"B" S/G pressure increases as RCS coolant enters the S/G via the tube rupture. Offsite release commences as S/G "B" code safety valves reach their actuation setpoints.
9:30 a.m.	A water spout that has developed on Biscayne Bay moves onshore toward the Northwest direction. It travels directly over the turbine decks. Massive damage is sustained by equipment on the turbine decks. All three auxiliary feed pumps and critical AFW piping are destroyed as a result. The MFW system remains intact and MFW pumps remain operable. The tornado then continues in the NW direction and dissipates.
9:35 a.m.	Manual reset by the control room to open the MFW control and bypass valves and re-establish flow to S/G "A" and "C" fails to work due to the loss of control and motive power to the valves.
9:45 a.m.	Attempt to reach the MFW control valves to manually operate them is hampered because the area became inaccessible due to obstructions caused by storm damage.
9:55 a.m.	RCS temperature increases as S/G A&C become dry. Subcooling is lost as temperature increases to system saturation temperature.
10:05 a.m.	Core exit thermocouples indicate 1250° F. as fuel cladding begins to fail. RCS pressure oscillates around S/G "B" safety valve setpoint as the safety valves open and close to hold RCS pressure.
10:15 a.m.	Release of fission products through the tube rupture and S/G "B" code safeties increases significantly as fuel cladding failure increases. Projections based on present release rate indicate a greater than 5R/hr thyroid dose rate at the site boundary. A <u>General Emergency</u> should be declared at this time.
10:30 a.m.	Tornado warning is cancelled.

10:35 a.m.	Repair crews arrive at the MFW control valves. Only the bypass valve for S/G "C" appears to be undamaged. All other valves could not be operated due to damage to the valve operators.
10:40 a.m.	"C" feedwater bypass valve is opened locally to provide feedwater flow to S/G "C".
11:00 a.m.	S/G "C" is established as the heat sink as reflux cooling begins to reduce RCS temperature.
11:30 a.m.	Charging pump "C" is repaired and put back into service to provide additional cooling and RCS inventory.
11:45 a.m.	Fuel cladding failure subsides as subcooling is slowly established.
11:55 a.m.	RCS pressure is reduced by the use of the pressurizer PORV's as the subcooling margin increases.
12:00 Noon	Release is terminated as RCS pressure falls below the "B" S/G safety valve setpoint.
12:30 p.m.	RCS cooldown and depressurization continues with the operation of S/G C and the pressurizer PORV's.
12:45 p.m.	Exercise is terminated.

5.2

PLANT DATA

Release Rate Data

Time Period	Valve Position	Total Release Time	Fraction of Release Time to Total Time	Effective Continuous Flow Rate	DAM-1 Reading	Calculated Release Rate
9:25 to 9:59a	Open for 25 seconds in every 5-minute interval	175 sec	$\frac{175}{2100} = 0.0833$	$5.25 \times 10^{5} \frac{cc}{sec}$	$1.9 \times 10^{-1} \frac{\mu ci}{cc}$	0.1 Ci/sec
10:00 to 10:29a	Open for 8 seconds in every 6-min interval	40 sec	$\frac{40}{1800} = 0.0222$	$1.4 \times 10^{5} \frac{cc}{sec}$	$143 \frac{\mu ci}{cc}$	20 Ci/sec
10:30 to 10:59a	Open for 6 seconds in every 10-min interval	18 sec	$\frac{18}{1800} = 0.01$	$6.3 \times 10^{4} \frac{cc}{sec}$	$317 \frac{\mu ci}{cc}$	20 Ci/sec
11:00 to 11:29a	Open for 4 seconds in every 10-min interval	12 sec	$\frac{12}{1800} = 0.00667$	$4.2 \times 10^{4} \frac{cc}{sec}$	$476 \frac{\mu ci}{cc}$	20 Ci/sec
11:30 to 11:59a	Open for 4 seconds in every 15-min interval	8 sec	$\frac{8}{1800} = 0.00444$	$2.8 \times 10^{4} \frac{cc}{sec}$	$714 \frac{\mu ci}{cc}$	20 Ci/sec
12:00 to 12:45p	closed	0	0	0	$800 \frac{\mu ci}{cc}$	0 Ci/sec

Notes: 1) Design Valve Flowrate = 830,000 lbm/hr or 6.3×10^{6} cc Steam/sec

2) Effective Continuous Flowrate = Fraction of $\frac{\text{Release Time}}{\text{Total Time}}$ X Design Flowrate

SUMMARY OF
RELEASE DATA AND
METEOROLOGICAL CONDITIONS

Time	Release Rate (ci/sec)	Wind From (Degrees)	Wind Speed (mph)	DT (°F)	Stability Class	Air Temp (°F)
9:30a	0.1	158	3.0	2.1	F	79
10:00a	20	160	2.9	2.2	F	80
10:30a	20	161	3.1	2.0	F	80
11:00a	20	162	3.9	1.6	F	81
11:30a	20	160	5.1	1.5	F	82
12:00n	0	270	10	0	E	82
12:30p	0	272	10	-1.2	D	82

1

PLANT DATA

UNIT PTP 3
DATE 6/19/82
TIME 5:45 pm

NOTE: Exercise Commences

Reactor Coolant System

a.	Power Range $\frac{N41/N42}{N43/N44}$ (%)	100 / 100		
b.	Intermediate Range NI 35/36 (amps)	100 / 100		
c.	Source Range NI 31/32 (cps)	9×10^{-4} / 9×10^{-4}		
d.	RCS Flow (Loops A,B,C) (%)	NA / NA		
e.	T avg. (loop A)-all channels (°F)	100	100	100
f.	T avg. (loop B)-all channels (°F)	574		
g.	T avg. (loop C)-all channels (°F)	575		
h.	T hot - wide range (loops A,B,C) (°F)	574		
i.	T cold - wide range	603	604	603
j.	RCS Pressure - wide range (psig) (P402/403)	546	547	546
k.	PZR Pressure - all channels (psig)	2250		
l.	PZR Level - all protection channels (%)	2235		
m.	PZR temp liquid/vapor (°F)	53		
n.	PORV positions (455C/456)	652 / 652		
o.	PORV line temp (455C/456)	C / C		
p.	Safety line temp (551A/B/C) (°F)	120 / 122		
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	52		
b.	S/G "B" Level (all narrow ranges) (%)	52		
c.	S/G "C" Level (all narrow ranges) (%)	52		
d.	Wide Range Level - A/B/C (%)	88	88	88
e.	S/G "A" Press (all channels) (psig)	820		
f.	S/G "B" Press (all channels) (psig)	820		
g.	S/G "C" Press (all channels) (psig)	820		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	3.18×10^6		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18×10^6		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	45		
e.	Letdown Flow FI-150 (gpm)	60		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	0	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	NA	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	150	OTHERS:
PRMS-19 (CPM)	2000	
PRMS-14 (CPM)	3200	
SPING-4 (μCi/cc)	$< 10^{-7}$	
DAM-1 (μCi/cc)	< 1	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a. Windspeed 7
b. Wind Direction (From) 180
c. ΔT 1.0

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

2

PLANT DATA

UNIT PTP 3
DATE 6/19/82
TIME 5:53 p.m.

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 N43/N44 (%)	100	100	
b.	Intermediate Range NI 35/36 (amps)	100	100	
c.	Source Range NI 31/32 (cps)	9×10^{-4}	9×10^{-4}	
d.	RCS Flow (Loops A,B,C) (%)	NA	NA	
e.	T avg. (loop A)-all channels (°F)	100	100	100
f.	T avg. (loop B)-all channels (°F)	574		
g.	T avg. (loop C)-all channels (°F)	575		
h.	T hot - wide range (loops A,B,C) (°F)	574		
i.	T cold - wide range	603	604	603
j.	RCS Pressure - wide range (psig) (P402/403)	546	547	546
k.	PZR Pressure - all channels (psig)	2250		
l.	PZR Level - all protection channels (%)	2235		
m.	PZR temp liquid/vapor (°F)	53		
n.	PORV positions (455C/456)	652	652	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	52		
b.	S/G "B" Level (all narrow ranges) (%)	52		
c.	S/G "C" Level (all narrow ranges) (%)	52		
d.	Wide Range Level - A/B/C (%)	88	88	88
e.	S/G "A" Press (all channels) (psig)	820		
f.	S/G "B" Press (all channels) (psig)	820		
g.	S/G "C" Press (all channels) (psig)	820		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	3.18×10^6		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18×10^6		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	45		
e.	Letdown Flow FI-150 (gpm)	60		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	0	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	NA	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	155	OTHERS:
PRMS-19 (CPM)	2020	
PRMS-14 (CPM)	3200	
SPING-4 (μCi/cc)	$< 10^{-7}$	
DAM-1 (μCi/cc)	< 1	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a.	Windspeed	5
b.	Wind Direction (From)	185
c.	ΔT	1.0

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

3 PLANT DATA

UNIT PTP3
DATE 6/19/83
TIME 6:00

NOTE:

Reactor Coolant System

a. Power Range N41/N42 / N43/N44 (%)	100	100	
b. Intermediate Range NI 35/36 (amps)	100	100	
c. Source Range NI 31/32 (cps)	7×10^{-4}	9×10^{-4}	
d. RCS Flow (Loops A,B,C) (%)	NA	NA	
e. T avg. (loop A)-all channels (°F)	100	100	100
f. T avg. (loop B)-all channels (°F)	574		
g. T avg. (loop C)-all channels (°F)	575		
h. T hot - wide range (loops A,B,C) (°F)	574		
i. T cold - wide range	603	604	603
j. RCS Pressure - wide range (psig) (P402/403)	546	547	546
k. PZR Pressure - all channels (psig)	2250		
l. PZR Level - all protection channels (%)	2235		
m. PZR temp liquid/vapor (°F)	53		
n. PORV positions (455C/456)	652	652	
o. PORV line temp (455C/456)	C	C	
p. Safety line temp (551A/B/C) (°F)	120	122	
q. PRT Level (%)	125	122	122
r. PRT Temp (°F)	50		
s. PRT Press (psig)	101		
	3		

Secondary Coolant System

a. S/G "A" Level (all narrow ranges) (%)	52		
b. S/G "B" Level (all narrow ranges) (%)	52		
c. S/G "C" Level (all narrow ranges) (%)	52		
d. Wide Range Level - A/B/C (%)	88	88	88
e. S/G "A" Press (all channels) (psig)	820		
f. S/G "B" Press (all channels) (psig)	820		
g. S/G "C" Press (all channels) (psig)	820		
h. S/G "A" - Feedflow (all channels) (lbm/hr)	3.18×10^6		
i. S/G "B" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
j. S/G "C" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
k. S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
l. S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
m. S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18×10^6		

Auxiliary Systems

a. RWST Level LI-1545D (gals)	322K		
b. CST Level LI-1544 (%)	75		
c. Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d. Charging Flow FI-122 (gpm)	45		
e. Letdown Flow FI-150 (gpm)	60		
f. VCT Level LI-115 (%)	40		
g. Component CW Flow 613A/B (gpm)	7500	7500	
h. CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i. CCW Supply Header Temp 607 A/B (°F)	100	100	
j. BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a. HHSI Cold Legs (FI-943) (gpm)	0	
b. HHSI Hot Legs (FI-940) (gpm)	0	
c. LHSI (FI-605) (gpm)	0	
d. Accumulator A Level (ft³)	890	
e. Accumulator B Level (ft³)	890	
f. Accumulator C Level (ft³)	890	
g. RHR Hx Outlet Temp (°F) T-606	NA	
h. RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA

Containment Systems

a. Containment pressure (all channels) (psig)	0	
b. Containment Spray pump discharge press A/B	0	0
c. Containment Temperature (all channels)	100	
d. Containment Sump Level (wide range) (%)	0	
e. Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	162	OTHERS:
PRMS-19 (CPM)	2050	
PRMS-14 (CPM)	3220	
SPING-4 (μCi/cc)	$< 10^{-7}$	
DAM-1 (μCi/cc)	< 1	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a. Windspeed 6
b. Wind Direction (From) 175
c. ΔT 1.1

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

4

PLANT DATA

UNIT PTP 3
DATE 6/19/82
TIME 6:1[illegible] m.

NOTE:

Reactor Coolant System

a. Power Range N41/N42 N43/N44 (%)	100	100	
b. Intermediate Range NI 35/36 (amps)	100	100	
c. Source Range NI 31/32 (cps)	9x10-4	9x10-4	
d. RCS Flow (Loops A,B,C) (%)	NA	NA	
e. T avg. (loop A)-all channels (°F)	100	100	100
f. T avg. (loop B)-all channels (°F)	574		
g. T avg. (loop C)-all channels (°F)	575		
h. T hot - wide range (loops A,B,C) (°F)	574		
i. T cold - wide range	603	604	603
j. RCS Pressure - wide range (psig) (P402/403)	546	547	546
k. PZR Pressure - all channels (psig)	2250		
l. PZR Level - all protection channels (%)	2235		
m. PZR temp liquid/vapor (°F)	53		
n. PORV positions (455C/456)	652	652	
o. PORV line temp (455C/456)	C	C	
p. Safety line temp (551A/B/C) (°F)	120	122	
q. PRT Level (%)	125	122	122
r. PRT Temp (°F)	50		
s. PRT Press (psig)	101		
	>3		

Secondary Coolant System

a. S/G "A" Level (all narrow ranges) (%)	52		
b. S/G "B" Level (all narrow ranges) (%)	52		
c. S/G "C" Level (all narrow ranges) (%)	52		
d. Wide Range Level - A/B/C (%)	88	88	88
e. S/G "A" Press (all channels) (psig)	820		
f. S/G "B" Press (all channels) (psig)	820		
g. S/G "C" Press (all channels) (psig)	820		
h. S/G "A" - Feedflow (all channels) (lbm/hr)	3.18 x 10^6		
i. S/G "B" - Feedflow (all channels) (lbm/hr)	3.19 x 10^6		
j. S/G "C" - Feedflow (all channels) (lbm/hr)	3.19 x 10^6		
k. S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19 x 10^6		
l. S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19 x 10^6		
m. S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18 x 10^6		

Auxiliary Systems

a. RWST Level LI-1545D (gals)	322K		
b. CST Level LI-1544 (%)	95		
c. Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d. Charging Flow FI-122 (gpm)	45		
e. Letdown Flow FI-150 (gpm)	60		
f. VCT Level LI-115 (%)	40		
g. Component CW Flow 613A/B (gpm)	7500	7500	
h. CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i. CCW Supply Header Temp 607 A/B (°F)	100	100	
j. BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a. HHSI Cold Legs (FI-943) (gpm)	0		
b. HHSI Hot Legs (FI-940) (gpm)	0		
c. LHSI (FI-605) (gpm)	0		
d. Accumulator A Level (ft³)	890		
e. Accumulator B Level (ft³)	890		
f. Accumulator C Level (ft³)	890		
g. RHR Hx Outlet Temp (°F) T-606	NA		
h. RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA	

Containment Systems

a. Containment pressure (all channels) (psig)	0		
b. Containment Spray pump discharge press A/B	0	0	
c. Containment Temperature (all channels)	100		
d. Containment Sump Level (wide range) (%)	0		
e. Containment Level (wide range) (%)	0		

Radiation Monitoring System

PRMS-15 (CPM)	175	OTHERS:
PRMS-19 (CPM)	2075	
PRMS-14 (CPM)	3225	
SPING-4 (μCi/cc)	< 10^-7	
DAM-1 (μCi/cc)	<1	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a. Windspeed	6
b. Wind Direction (From)	120
c. ΔT	1.2

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

5

PLANT DATA

UNIT PTP3
DATE 6/9/82
TIME 6:2 m

NOTE:

Reactor Coolant System

a.	Power Range $\frac{N41/N42}{N43/N44}$ (%)	100	100	
b.	Intermediate Range NI 35/36 (amps)	100	100	
c.	Source Range NI 31/32 (cps)	9×10^{-4}	9×10^{-4}	
d.	RCS Flow (Loops A,B,C) (%)	NA	NA	
e.	T avg. (loop A)-all channels (°F)	100	100	100
f.	T avg. (loop B)-all channels (°F)	574		
g.	T avg. (loop C)-all channels (°F)	575		
h.	T hot - wide range (loops A,B,C) (°F)	574		
i.	T cold - wide range	603	604	603
j.	RCS Pressure - wide range (psig) (P402/403)	546	547	546
k.	PZR Pressure - all channels (psig)	2250		
l.	PZR Level - all protection channels (%)	2235		
m.	PZR temp liquid/vapor (°F)	53		
n.	PORV positions (455C/456)	652	652	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	52		
b.	S/G "B" Level (all narrow ranges) (%)	52		
c.	S/G "C" Level (all narrow ranges) (%)	52		
d.	Wide Range Level - A/B/C (%)	88	88	88
e.	S/G "A" Press (all channels) (psig)	820		
f.	S/G "B" Press (all channels) (psig)	820		
g.	S/G "C" Press (all channels) (psig)	820		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	3.18×10^6		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18×10^6		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	45		
e.	Letdown Flow FI-150 (gpm)	60		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	0	
d.	Accumulator A Level (ft^3)	890	
e.	Accumulator B Level (ft^3)	890	
f.	Accumulator C Level (ft^3)	890	
g.	RHR Hx Outlet Temp (°F) T-606	NA	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	180	OTHERS:
PRMS-19 (CPM)	2090	
PRMS-14 (CPM)	3250	
SPING-4 (μCi/cc)	$< 10^{-7}$	
DAM-1 (μCi/cc)	<1	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a.	Windspeed	5
b.	Wind Direction (From)	170
c.	ΔT	12

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

6

PLANT DATA

UNIT PTP3
DATE 6/19/83
TIME 6:3[illegible]

NOTE:

Reactor Coolant System

a. Power Range N41/N42 / N43/N44 (%)	100	100	
b. Intermediate Range NI 35/36 (amps)	100	100	
c. Source Range NI 31/32 (cps)	9×10^{-4}	9×10^{-4}	
d. RCS Flow (Loops A,B,C) (%)	NA	NA	
e. T avg. (loop A)-all channels (°F)	100	100	100
f. T avg. (loop B)-all channels (°F)	574		
g. T avg. (loop C)-all channels (°F)	575		
h. T hot - wide range (loops A,B,C) (°F)	574		
i. T cold - wide range	603	604	603
j. RCS Pressure - wide range (psig) (P402/403)	546	547	546
k. PZR Pressure - all channels (psig)	2250		
l. PZR Level - all protection channels (%)	2235		
m. PZR temp liquid/vapor (°F)	53		
n. PORV positions (455C/456)	652	652	
o. PORV line temp (455C/456)	C	C	
p. Safety line temp (551A/B/C) (°F)	120	122	
q. PRT Level (%)	125	122	122
r. PRT Temp (°F)	50		
s. PRT Press (psig)	101		
	3		

Secondary Coolant System

a. S/G "A" Level (all narrow ranges) (%)	52		
b. S/G "B" Level (all narrow ranges) (%)	52		
c. S/G "C" Level (all narrow ranges) (%)	52		
d. Wide Range Level - A/B/C (%)	88	88	88
e. S/G "A" Press (all channels) (psig)	820		
f. S/G "B" Press (all channels) (psig)	820		
g. S/G "C" Press (all channels) (psig)	820		
h. S/G "A" - Feedflow (all channels) (lbm/hr)	3.18×10^6		
i. S/G "B" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
j. S/G "C" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
k. S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
l. S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
m. S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18×10^6		

Auxiliary Systems

a. RWST Level LI-1545D (gals)	322K		
b. CST Level LI-1544 (%)	95		
c. Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d. Charging Flow FI-122 (gpm)	45		
e. Letdown Flow FI-150 (gpm)	60		
f. VCT Level LI-115 (%)	40		
g. Component CW Flow 613A/B (gpm)	7500	7500	
h. CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i. CCW Supply Header Temp 607 A/B (°F)	100	100	
j. BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a. HHSI Cold Legs (FI-943) (gpm)	0		
b. HHSI Hot Legs (FI-940) (gpm)	0		
c. LHSI (FI-605) (gpm)	0		
d. Accumulator A Level (ft³)	890		
e. Accumulator B Level (ft³)	890		
f. Accumulator C Level (ft³)	890		
g. RHR Hx Outlet Temp (°F) T-606	NA		
h. RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA	

Containment Systems

a. Containment pressure (all channels) (psig)	0		
b. Containment Spray pump discharge press A/B	0	0	
c. Containment Temperature (all channels)	100		
d. Containment Sump Level (wide range) (%)	0		
e. Containment Level (wide range) (%)	0		

Radiation Monitoring System

PRMS-15 (CPM)	190
PRMS-19 (CPM)	2100
PRMS-14 (CPM)	3260
SPING-4 (μCi/cc)	$< 10^{-7}$
DAM-1 (μCi/cc)	< 1
CHRRM (R/hr)	0

OTHERS:

Environmental System (Dade County)

a. Windspeed	5
b. Wind Direction (From)	172
c. ΔT	1.3

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

1

PLANT DATA

UNIT PTP-3
DATE 6/9/83
TIME 6:45 p.m.

NOTE:

Reactor Coolant System

a. Power Range N41/N42 / N43/N44 (%)	100	100	
b. Intermediate Range NI 35/36 (amps)	100	101	
c. Source Range NI 31/32 (cps)	9×10^{-4}	9×10^{-4}	
d. RCS Flow (Loops A,B,C) (%)	NA	NA	
e. T avg. (loop A)-all channels (°F)	100	100	100
f. T avg. (loop B)-all channels (°F)	574		
g. T avg. (loop C)-all channels (°F)	575		
h. T hot - wide range (loops A,B,C) (°F)	574		
i. T cold - wide range	603	604	603
j. RCS Pressure - wide range (psig) (P402/403)	546	547	546
k. PZR Pressure - all channels (psig)	2250		
l. PZR Level - all protection channels (%)	2235		
m. PZR temp liquid/vapor (°F)	53		
n. PORV positions (455C/456)	652	652	
o. PORV line temp (455C/456)	C	C	
p. Safety line temp (551A/B/C) (°F)	120	122	
q. PRT Level (%)	125	122	122
r. PRT Temp (°F)	50		
s. PRT Press (psig)	101		
	3		

Secondary Coolant System

a. S/G "A" Level (all narrow ranges) (%)	52		
b. S/G "B" Level (all narrow ranges) (%)	52		
c. S/G "C" Level (all narrow ranges) (%)	52		
d. Wide Range Level - A/B/C (%)	88	88	88
e. S/G "A" Press (all channels) (psig)	820		
f. S/G "B" Press (all channels) (psig)	820		
g. S/G "C" Press (all channels) (psig)	820		
h. S/G "A" - Feedflow (all channels) (lbm/hr)	3.18×10^6		
i. S/G "B" - Feedflow (all channels) (lbm/hr)	3.17×10^6		
j. S/G "C" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
k. S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
l. S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
m. S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18×10^6		

Auxiliary Systems

a. RWST Level LI-1545D (gals)	322K		
b. CST Level LI-1544 (%)	75		
c. Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d. Charging Flow FI-122 (gpm)	45		
e. Letdown Flow FI-150 (gpm)	60		
f. VCT Level LI-115 (%)	40		
g. Component CW Flow 613A/B (gpm)	7500	7500	
h. CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i. CCW Supply Header Temp 607 A/B (°F)	100	100	
j. BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a. HHSI Cold Legs (FI-943) (gpm)	0	
b. HHSI Hot Legs (FI-940) (gpm)	0	
c. LHSI (FI-605) (gpm)	0	
d. Accumulator A Level (ft³)	890	
e. Accumulator B Level (ft³)	890	
f. Accumulator C Level (ft³)	890	
g. RHR Hx Outlet Temp (°F) T-606	NA	
h. RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA

Containment Systems

a. Containment pressure (all channels) (psig)	0	
b. Containment Spray pump discharge press A/B	0	0
c. Containment Temperature (all channels)	100	
d. Containment Sump Level (wide range) (%)	0	
e. Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	210
PRMS-19 (CPM)	2130
PRMS-14 (CPM)	3270
SPING-4 (μCi/cc)	$< 10^{-7}$
DAM-1 (μCi/cc)	< 1
CHRRM (R/hr)	0

OTHERS:

Environmental System (Dade County)

a. Windspeed	4
b. Wind Direction (From)	173
c. ΔT	1.4

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

8

PLANT DATA

UNIT PTP3
DATE 6/19/83
TIME 7:00 am

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	100	100	
b.	Intermediate Range NI 35/36 (amps)	100	100	
c.	Source Range NI 31/32 (cps)	9×10^{-4}	9×10^{-4}	
d.	RCS Flow (Loops A,B,C) (%)	NA	NA	
e.	T avg. (loop A)-all channels (°F)	100	100	100
f.	T avg. (loop B)-all channels (°F)	574		
g.	T avg. (loop C)-all channels (°F)	575		
h.	T hot - wide range (loops A,B,C) (°F)	574		
i.	T cold - wide range	603	604	603
j.	RCS Pressure - wide range (psig) (P402/403)	546	547	546
k.	PZR Pressure - all channels (psig)	2250		
l.	PZR Level - all protection channels (%)	2235		
m.	PZR temp liquid/vapor (°F)	53		
n.	PORV positions (455C/456)	652	652	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	52		
b.	S/G "B" Level (all narrow ranges) (%)	52		
c.	S/G "C" Level (all narrow ranges) (%)	52		
d.	Wide Range Level - A/B/C (%)	88	88	88
e.	S/G "A" Press (all channels) (psig)	820		
f.	S/G "B" Press (all channels) (psig)	820		
g.	S/G "C" Press (all channels) (psig)	820		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	3.18×10^6		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18×10^6		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	25		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	45		
e.	Letdown Flow FI-150 (gpm)	60		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	0	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	NA	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	220	OTHERS:
PRMS-19 (CPM)	2160	
PRMS-14 (CPM)	3272	
SPING-4 (μCi/cc)	$< 10^{-7}$	
DAM-1 (μCi/cc)	< 1	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a. Windspeed 5
b. Wind Direction (From) 170
c. ΔT 1.4

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

9

PLANT DATA

UNIT PTP-3
DATE 6/19/82
TIME 7:15 pm

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 N43/N44 (%)	100	100	
b.	Intermediate Range NI 35/36 (amps)	100	100	
c.	Source Range NI 31/32 (cps)	9×10^{-4}	9×10^{-4}	
d.	RCS Flow (Loops A,B,C) (%)	NA	NA	
e.	T avg. (loop A)-all channels (°F)	100	100	100
f.	T avg. (loop B)-all channels (°F)	574		
g.	T avg. (loop C)-all channels (°F)	575		
h.	T hot - wide range (loops A,B,C) (°F)	574		
i.	T cold - wide range	603	604	603
j.	RCS Pressure - wide range (psig) (P402/403)	546	547	546
k.	PZR Pressure - all channels (psig)	2250		
l.	PZR Level - all protection channels (%)	2235		
m.	PZR temp liquid/vapor (°F)	53		
n.	PORV positions (455C/456)	652	652	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	0	
d.	Accumulator A Level (ft³)	840	
e.	Accumulator B Level (ft³)	840	
f.	Accumulator C Level (ft³)	840	
g.	RHR Hx Outlet Temp (°F) T-606	NA	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	52		
b.	S/G "B" Level (all narrow ranges) (%)	52		
c.	S/G "C" Level (all narrow ranges) (%)	52		
d.	Wide Range Level - A/B/C (%)	88	88	88
e.	S/G "A" Press (all channels) (psig)	820		
f.	S/G "B" Press (all channels) (psig)	820		
g.	S/G "C" Press (all channels) (psig)	820		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	3.18×10^6		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18×10^6		

Radiation Monitoring System

PRMS-15 (CPM)	230	OTHERS:
PRMS-19 (CPM)	2170	
PRMS-14 (CPM)	3272	
SPING-4 (μCi/cc)	$<10^{-7}$	
DAM-1 (μCi/cc)	<1	
CHRRM (R/hr)	0	

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	45		
e.	Letdown Flow FI-150 (gpm)	60		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3800	3800	3800

Environmental System (Dade County)

a.	Windspeed	5
b.	Wind Direction (From)	169
c.	ΔT	1.4

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

10

PLANT DATA

UNIT PTP 3
DATE 6/19/8[illegible]
TIME 7:2[illegible] m.

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	100	100	
b.	Intermediate Range NI 35/36 (amps)	100	100	
c.	Source Range NI 31/32 (cps)	9×10^{-4}	9×10^{-4}	
d.	RCS Flow (Loops A,B,C) (%)	NA	NA	
e.	T avg. (loop A)-all channels (°F)	100	100	100
f.	T avg. (loop B)-all channels (°F)	574		
g.	T avg. (loop C)-all channels (°F)	575		
h.	T hot - wide range (loops A,B,C) (°F)	574		
i.	T cold - wide range	603	604	603
j.	RCS Pressure - wide range (psig) (P402/403)	546	547	546
k.	PZR Pressure - all channels (psig)	2250		
l.	PZR Level - all protection channels (%)	2235		
m.	PZR temp liquid/vapor (°F)	53		
n.	PORV positions (455C/456)	652	652	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	52		
b.	S/G "B" Level (all narrow ranges) (%)	52		
c.	S/G "C" Level (all narrow ranges) (%)	52		
d.	Wide Range Level - A/B/C (%)	88	88	88
e.	S/G "A" Press (all channels) (psig)	820		
f.	S/G "B" Press (all channels) (psig)	820		
g.	S/G "C" Press (all channels) (psig)	820		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	3.18×10^6		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18×10^6		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	45		
e.	Letdown Flow FI-150 (gpm)	60		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	0	
d.	Accumulator A Level (ft^3)	890	
e.	Accumulator B Level (ft^3)	890	
f.	Accumulator C Level (ft^3)	890	
g.	RHR Hx Outlet Temp (°F) T-606	NA	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	235	OTHERS:
PRMS-19 (CPM)	2175	
PRMS-14 (CPM)	3074	
SPING-4 (μCi/cc)	$<10^{-7}$	
DAM-1 (μCi/cc)	<1	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a.	Windspeed	4
b.	Wind Direction (From)	160
c.	ΔT	1.4

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

11

PLANT DATA

UNIT P1F-5
DATE 6/9/83
TIME 2:3[illegible]

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	100	100	
b.	Intermediate Range NI 35/36 (amps)	100	100	
c.	Source Range NI 31/32 (cps)	9×10^{-4}	9×10^{-4}	
d.	RCS Flow (Loops A,B,C) (%)	NA	NA	
e.	T avg. (loop A)-all channels (°F)	100	100	100
f.	T avg. (loop B)-all channels (°F)	574		
g.	T avg. (loop C)-all channels (°F)	575		
h.	T hot - wide range (loops A,B,C) (°F)	574		
i.	T cold - wide range	603	604	603
j.	RCS Pressure - wide range (psig) (P402/403)	546	547	546
k.	PZR Pressure - all channels (psig)	2250		
l.	PZR Level - all protection channels (%)	2235		
m.	PZR temp liquid/vapor (°F)	53		
n.	PORV positions (455C/456)	652	652	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	52		
b.	S/G "B" Level (all narrow ranges) (%)	52		
c.	S/G "C" Level (all narrow ranges) (%)	52		
d.	Wide Range Level - A/B/C (%)	88	88	88
e.	S/G "A" Press (all channels) (psig)	820		
f.	S/G "B" Press (all channels) (psig)	820		
g.	S/G "C" Press (all channels) (psig)	820		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	3.18×10^6		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18×10^6		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	45		
e.	Letdown Flow FI-150 (gpm)	60		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	0	
d.	Accumulator A Level (ft^3)	890	
e.	Accumulator B Level (ft^3)	890	
f.	Accumulator C Level (ft^3)	890	
g.	RHR Hx Outlet Temp (°F) T-606	NA	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	237	OTHERS:
PRMS-19 (CPM)	2180	
PRMS-14 (CPM)	3276	
SPING-4 (μCi/cc)	$< 10^{-7}$	
DAM-1 (μCi/cc)	< 1	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a.	Windspeed	5
b.	Wind Direction (From)	170
c.	ΔT	1.4

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 613

12

PLANT DATA

UNIT PTP3
DATE 6/9/8
TIME 7:4 m

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 N43/N44 (%)	100	100	
b.	Intermediate Range NI 35/36 (amps)	100	100	
c.	Source Range NI 31/32 (cps)	9×10^{-4}	9×10^{-4}	
d.	RCS Flow (Loops A,B,C) (%)	NA	NA	
e.	T avg. (loop A)-all channels (°F)	100	100	100
f.	T avg. (loop B)-all channels (°F)	574		
g.	T avg. (loop C)-all channels (°F)	575		
h.	T hot - wide range (loops A,B,C) (°F)	574		
i.	T cold - wide range	603	604	603
j.	RCS Pressure - wide range (psig) (P402/403)	546	547	546
k.	PZR Pressure - all channels (psig)	2250		
l.	PZR Level - all protection channels (%)	2235		
m.	PZR temp liquid/vapor (°F)	53		
n.	PORV positions (455C/456)	652	652	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	52		
b.	S/G "B" Level (all narrow ranges) (%)	52		
c.	S/G "C" Level (all narrow ranges) (%)	52		
d.	Wide Range Level - A/B/C (%)	88	88	88
e.	S/G "A" Press (all channels) (psig)	820		
f.	S/G "B" Press (all channels) (psig)	820		
g.	S/G "C" Press (all channels) (psig)	820		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	3.18×10^6		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18×10^6		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	45		
e.	Letdown Flow FI-150 (gpm)	60		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	0	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	NA	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	241	OTHERS:
PRMS-19 (CPM)	2183	
PRMS-14 (CPM)	3276	
SPING-4 (μCi/cc)	$<10^{-7}$	
DAM-1 (μCi/cc)	<1	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a.	Windspeed	4
b.	Wind Direction (From)	165
c.	ΔT	1.4

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

13

PLANT DATA

UNIT PTN-3
DATE 6/19/83
TIME 2:53

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	100	100	
b.	Intermediate Range NI 35/36 (amps)	100	100	
c.	Source Range NI 31/32 (cps)	9×10^{-4}	9×10^{-4}	
d.	RCS Flow (Loops A,B,C) (%)	NA	NA	
e.	T avg. (loop A)-all channels (°F)	100	100	100
f.	T avg. (loop B)-all channels (°F)	574		
g.	T avg. (loop C)-all channels (°F)	575		
h.	T hot - wide range (loops A,B,C) (°F)	574		
i.	T cold - wide range	603	604	603
j.	RCS Pressure - wide range (psig) (P402/403)	546	547	546
k.	PZR Pressure - all channels (psig)	2250		
l.	PZR Level - all protection channels (%)	2235		
m.	PZR temp liquid/vapor (°F)	53		
n.	PORV positions (455C/456)	652	652	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	0	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	NA	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	52		
b.	S/G "B" Level (all narrow ranges) (%)	52		
c.	S/G "C" Level (all narrow ranges) (%)	52		
d.	Wide Range Level - A/B/C (%)	88	88	88
e.	S/G "A" Press (all channels) (psig)	820		
f.	S/G "B" Press (all channels) (psig)	820		
g.	S/G "C" Press (all channels) (psig)	820		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	3.18×10^6		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18×10^6		

Radiation Monitoring System

PRMS-15 (CPM)	242	OTHERS:
PRMS-19 (CPM)	2185	
PRMS-14 (CPM)	3277	
SPING-4 (μCi/cc)	$< 10^{-7}$	
DAM-1 (μCi/cc)	< 1	
CHRRM (R/hr)	0	

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	45		
e.	Letdown Flow FI-150 (gpm)	60		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3800	3800	3800

Environmental System (Dade County)

a.	Windspeed	8
b.	Wind Direction (From)	200
c.	ΔT	0.5

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

14

PLANT DATA

UNIT PTN-3
DATE 6/19/83
TIME 8:00

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	100	100	
		100	100	
b.	Intermediate Range NI 35/36 (amps)	9×10^{-4}	9×10^{-4}	
c.	Source Range NI 31/32 (cps)	NA	NA	
d.	RCS Flow (Loops A,B,C) (%)	100	100	100
e.	T avg. (loop A)-all channels (°F)	574		
f.	T avg. (loop B)-all channels (°F)	575		
g.	T avg. (loop C)-all channels (°F)	574		
h.	T hot - wide range (loops A,B,C) (°F)	603	604	603
i.	T cold - wide range	546	547	546
j.	RCS Pressure - wide range (psig) (P402/403)	2250		
k.	PZR Pressure - all channels (psig)	2235		
l.	PZR Level - all protection channels (%)	53		
m.	PZR temp liquid/vapor (°F)	652	652	
n.	PORV positions (455C/456)	C	C	
o.	PORV line temp (455C/456)	120	122	
p.	Safety line temp (551A/B/C) (°F)	125	122	122
q.	PRT Level (%)	50		
r.	PRT Temp (°F)	101		
s.	PRT Press (psig)	3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	52		
b.	S/G "B" Level (all narrow ranges) (%)	52		
c.	S/G "C" Level (all narrow ranges) (%)	52		
d.	Wide Range Level - A/B/C (%)	88	88	88
e.	S/G "A" Press (all channels) (psig)	820		
f.	S/G "B" Press (all channels) (psig)	820		
g.	S/G "C" Press (all channels) (psig)	820		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	3.18×10^6		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	3.17×10^6		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18×10^6		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	45		
e.	Letdown Flow FI-150 (gpm)	60		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	0	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	NA	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	243	OTHERS:
PRMS-19 (CPM)	2186	
PRMS-14 (CPM)	3278	
SPING-4 (μCi/cc)	$< 10^{-7}$	
DAM-1 (μCi/cc)	< 1	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a.	Windspeed	7
b.	Wind Direction (From)	195
c.	ΔT	1.0

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

15

PLANT DATA

UNIT PTP-3
DATE 6/9/83
TIME 8:15

NOTE:

Reactor Coolant System

a. Power Range N41/N42 N43/N44 (%)	100	100		
b. Intermediate Range NI 35/36 (amps)	100	100		
c. Source Range NI 31/32 (cps)	9x10-4	9x10-4		
d. RCS Flow (Loops A,B,C) (%)	NA	NA		
e. T avg. (loop A)-all channels (°F)	100	100	100	
f. T avg. (loop B)-all channels (°F)	574			
g. T avg. (loop C)-all channels (°F)	575			
h. T hot - wide range (loops A,B,C) (°F)	574			
i. T cold - wide range	603	604	603	
j. RCS Pressure - wide range (psig) (P402/403)	546	547	546	
k. PZR Pressure - all channels (psig)	2250			
l. PZR Level - all protection channels (%)	2235			
m. PZR temp liquid/vapor (°F)	53			
n. PORV positions (455C/456)	652	652		
o. PORV line temp (455C/456)	C	C		
p. Safety line temp (551A/B/C) (°F)	120	122		
q. PRT Level (%)	125	122	122	
r. PRT Temp (°F)	50			
s. PRT Press (psig)	101			
	3			

Secondary Coolant System

a. S/G "A" Level (all narrow ranges) (%)	52			
b. S/G "B" Level (all narrow ranges) (%)	52			
c. S/G "C" Level (all narrow ranges) (%)	52			
d. Wide Range Level - A/B/C (%)	88	88	88	
e. S/G "A" Press (all channels) (psig)	820			
f. S/G "B" Press (all channels) (psig)	820			
g. S/G "C" Press (all channels) (psig)	820			
h. S/G "A" - Feedflow (all channels) (lbm/hr)	3.18×10^6			
i. S/G "B" - Feedflow (all channels) (lbm/hr)	3.19×10^6			
j. S/G "C" - Feedflow (all channels) (lbm/hr)	3.19×10^6			
k. S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19×10^6			
l. S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19×10^6			
m. S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18×10^6			

Auxiliary Systems

a. RWST Level LI-1545D (gals)	322K			
b. CST Level LI-1544 (%)	95			
c. Aux Feedflow (S/G A/B/C) (gpm)	0	0	0	
d. Charging Flow FI-122 (gpm)	45			
e. Letdown Flow FI-150 (gpm)	60			
f. VCT Level LI-115 (%)	40			
g. Component CW Flow 613A/B (gpm)	7500	7500		
h. CCW Cooler Inlet Temp 610 A/B (°F)	110	110		
i. CCW Supply Header Temp 607 A/B (°F)	100	100		
j. BAST volume A/B/C (gals)	3800	3800	3800	

Safety Injection System

a. HHSI Cold Legs (FI-943) (gpm)	0		
b. HHSI Hot Legs (FI-940) (gpm)	0		
c. LHSI (FI-605) (gpm)	0		
d. Accumulator A Level (ft³)	890		
e. Accumulator B Level (ft³)	890		
f. Accumulator C Level (ft³)	890		
g. RHR Hx Outlet Temp (°F) T-606	NA		
h. RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA	

Containment Systems

a. Containment pressure (all channels) (psig)	0		
b. Containment Spray pump discharge press A/B	0	0	
c. Containment Temperature (all channels)	100		
d. Containment Sump Level (wide range) (%)	0		
e. Containment Level (wide range) (%)	0		

Radiation Monitoring System

PRMS-15 (CPM)	246	OTHERS:
PRMS-19 (CPM)	2190	
PRMS-14 (CPM)	3280	
SPING-4 (μCi/cc)	$<10^{-7}$	
DAM-1 (μCi/cc)	<1	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a. Windspeed 5
b. Wind Direction (From) 180
c. ΔT 1.3

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

16

PLANT DATA

UNIT PTP 3
DATE 6/9/83
TIME 8:[illegible] m

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 N43/N44 (%)	100	100	
b.	Intermediate Range NI 35/36 (amps)	100	100	
c.	Source Range NI 31/32 (cps)	9x10-4	9x10-4	
d.	RCS Flow (Loops A,B,C) (%)	NA	NA	
e.	T avg. (loop A)-all channels (°F)	100	100	100
f.	T avg. (loop B)-all channels (°F)	574		
g.	T avg. (loop C)-all channels (°F)	575		
h.	T hot - wide range (loops A,B,C) (°F)	574		
i.	T cold - wide range	603	604	603
j.	RCS Pressure - wide range (psig) (P402/403)	546	547	546
k.	PZR Pressure - all channels (psig)	2250		
l.	PZR Level - all protection channels (%)	2235		
m.	PZR temp liquid/vapor (°F)	53		
n.	PORV positions (455C/456)	652	652	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	52		
b.	S/G "B" Level (all narrow ranges) (%)	52		
c.	S/G "C" Level (all narrow ranges) (%)	52		
d.	Wide Range Level - A/B/C (%)	88	88	88
e.	S/G "A" Press (all channels) (psig)	820		
f.	S/G "B" Press (all channels) (psig)	820		
g.	S/G "C" Press (all channels) (psig)	820		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	3.18×10^6		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18×10^6		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	45		
e.	Letdown Flow FI-150 (gpm)	60		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	0	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	NA	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	248	OTHERS:
PRMS-19 (CPM)	2193	
PRMS-14 (CPM)	3284	
SPING-4 (μCi/cc)	$<10^{-7}$	
DAM-1 (μCi/cc)	<1	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a.	Windspeed	4
b.	Wind Direction (From)	180
c.	ΔT	1.5

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

17

PLANT DATA

UNIT PTP 3
DATE 6/19/83
TIME 8:3[illegible] m

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	100	100	
b.	Intermediate Range NI 35/36 (amps)	100	100	
c.	Source Range NI 31/32 (cps)	9×10^{-4}	9×10^{-4}	
d.	RCS Flow (Loops A,B,C) (%)	NA	NA	
e.	T avg. (loop A)-all channels (°F)	100	100	100
f.	T avg. (loop B)-all channels (°F)	574		
g.	T avg. (loop C)-all channels (°F)	575		
h.	T hot - wide range (loops A,B,C) (°F)	574		
i.	T cold - wide range	603	604	603
j.	RCS Pressure - wide range (psig) (P402/403)	546	547	546
k.	PZR Pressure - all channels (psig)	2250		
l.	PZR Level - all protection channels (%)	2235		
m.	PZR temp liquid/vapor (°F)	53		
n.	PORV positions (455C/456)	652	652	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	52		
b.	S/G "B" Level (all narrow ranges) (%)	52		
c.	S/G "C" Level (all narrow ranges) (%)	52		
d.	Wide Range Level - A/B/C (%)	88	88	88
e.	S/G "A" Press (all channels) (psig)	820		
f.	S/G "B" Press (all channels) (psig)	820		
g.	S/G "C" Press (all channels) (psig)	820		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	3.18×10^6		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18×10^6		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	45		
e.	Letdown Flow FI-150 (gpm)	60		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	0	
d.	Accumulator A Level (ft^3)	890	
e.	Accumulator B Level (ft^3)	890	
f.	Accumulator C Level (ft^3)	890	
g.	RHR Hx Outlet Temp (°F) T-606	NA	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	249	OTHERS:
PRMS-19 (CPM)	2194	
PRMS-14 (CPM)	3285	
SPING-4 (μCi/cc)	$<10^{-7}$	
DAM-1 (μCi/cc)	<1	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a.	Windspeed	3.5
b.	Wind Direction (From)	125
c.	ΔT	1.7

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

18

PLANT DATA

UNIT PTP 3
DATE 6/9/82
TIME 8:4

NOTE:

Reactor Coolant System

a. Power Range N41/N42 / N43/N44 (%)	100	100	
b. Intermediate Range NI 35/36 (amps)	100	100	
c. Source Range NI 31/32 (cps)	9x10-4	9x10-4	
d. RCS Flow (Loops A,B,C) (%)	NA	NA	
e. T avg. (loop A)-all channels (°F)	100	100	100
f. T avg. (loop B)-all channels (°F)	574		
g. T avg. (loop C)-all channels (°F)	575		
h. T hot - wide range (loops A,B,C) (°F)	574		
i. T cold - wide range	603	604	603
j. RCS Pressure - wide range (psig) (P402/403)	546	547	546
k. PZR Pressure - all channels (psig)	2250		
l. PZR Level - all protection channels (%)	2235		
m. PZR temp liquid/vapor (°F)	53		
n. PORV positions (455C/456)	652	652	
o. PORV line temp (455C/456)	C	C	
p. Safety line temp (551A/B/C) (°F)	120	122	
q. PRT Level (%)	125	122	122
r. PRT Temp (°F)	50		
s. PRT Press (psig)	101		
	3		

Secondary Coolant System

a. S/G "A" Level (all narrow ranges) (%)	52		
b. S/G "B" Level (all narrow ranges) (%)	52		
c. S/G "C" Level (all narrow ranges) (%)	52		
d. Wide Range Level - A/B/C (%)	88	88	88
e. S/G "A" Press (all channels) (psig)	820		
f. S/G "B" Press (all channels) (psig)	820		
g. S/G "C" Press (all channels) (psig)	820		
h. S/G "A" - Feedflow (all channels) (lbm/hr)	3.18 x 10^6		
i. S/G "B" - Feedflow (all channels) (lbm/hr)	3.19 x 10^6		
j. S/G "C" - Feedflow (all channels) (lbm/hr)	3.19 x 10^6		
k. S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19 x 10^6		
l. S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19 x 10^6		
m. S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18 x 10^6		

Auxiliary Systems

a. RWST Level LI-1545D (gals)	322K		
b. CST Level LI-1544 (%)	75		
c. Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d. Charging Flow FI-122 (gpm)	45		
e. Letdown Flow FI-150 (gpm)	60		
f. VCT Level LI-115 (%)	40		
g. Component CW Flow 613A/B (gpm)	7500	7500	
h. CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i. CCW Supply Header Temp 607 A/B (°F)	100	100	
j. BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a. HHSI Cold Legs (FI-943) (gpm)	0	
b. HHSI Hot Legs (FI-940) (gpm)	0	
c. LHSI (FI-605) (gpm)	0	
d. Accumulator A Level (ft³)	890	
e. Accumulator B Level (ft³)	890	
f. Accumulator C Level (ft³)	890	
g. RHR Hx Outlet Temp (°F) T-606	NA	
h. RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA

Containment Systems

a. Containment pressure (all channels) (psig)	0	
b. Containment Spray pump discharge press A/B	0	0
c. Containment Temperature (all channels)	100	
d. Containment Sump Level (wide range) (%)	0	
e. Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	250
PRMS-19 (CPM)	2195
PRMS-14 (CPM)	3286
SPING-4 (μCi/cc)	<10^-7
DAM-1 (μCi/cc)	<1
CHRRM (R/hr)	0

OTHERS:

Environmental System (Dade County)

a. Windspeed 4.0
b. Wind Direction (From) 170
c. ΔT 1.8

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

19

PLANT DATA

UNIT PTP 3
DATE 6/9/83
TIME 8:5

NOTE: Commenced unit shutdown at ~40% per hour

Reactor Coolant System

a.	Power Range N41/N42 N43/N44 (%)	100	100	
b.	Intermediate Range NI 35/36 (amps)	100	100	
c.	Source Range NI 31/32 (cps)	9×10^{-4}	9×10^{-4}	
d.	RCS Flow (Loops A,B,C) (%)	NA	NA	
e.	T avg. (loop A)-all channels (°F)	100	100	100
f.	T avg. (loop B)-all channels (°F)	574		
g.	T avg. (loop C)-all channels (°F)	575		
h.	T hot - wide range (loops A,B,C) (°F)	574		
i.	T cold - wide range	603	604	603
j.	RCS Pressure - wide range (psig) (P402/403)	546	547	546
k.	PZR Pressure - all channels (psig)	2250		
l.	PZR Level - all protection channels (%)	2235		
m.	PZR temp liquid/vapor (°F)	53		
n.	PORV positions (455C/456)	652	652	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	52		
b.	S/G "B" Level (all narrow ranges) (%)	52		
c.	S/G "C" Level (all narrow ranges) (%)	52		
d.	Wide Range Level - A/B/C (%)	88	88	88
e.	S/G "A" Press (all channels) (psig)	820		
f.	S/G "B" Press (all channels) (psig)	820		
g.	S/G "C" Press (all channels) (psig)	820		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	3.18×10^6		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	3.19×10^6		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	3.19×10^6		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	3.18×10^6		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	75		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	45		
e.	Letdown Flow FI-150 (gpm)	60		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	0	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	NA	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	NA	NA

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	250	OTHERS:
PRMS-19 (CPM)	2195	
PRMS-14 (CPM)	3286	
SPING-4 (μCi/cc)	$<10^{-7}$	
DAM-1 (μCi/cc)	<1	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a.	Windspeed	3.5
b.	Wind Direction (From)	165
c.	ΔT	1.9

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 606
(Peak) 612

20

PLANT DATA

UNIT FTP 3
DATE 6/9/87
TIME 9:00

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	97	97	
		97	97	
b.	Intermediate Range NI 35/36 (amps)	8.99×10^{-4}	8.99×10^{-4}	
c.	Source Range NI 31/32 (cps)	N/A	N/A	
d.	RCS Flow (Loops A,B,C) (%)	100	100	100
e.	T avg. (loop A)-all channels (°F)	573		
f.	T avg. (loop B)-all channels (°F)	573		
g.	T avg. (loop C)-all channels (°F)	573		
h.	T hot - wide range (loops A,B,C) (°F)	600	600	600
i.	T cold - wide range	546	547	546
j.	RCS Pressure - wide range (psig) (P402/403)	2250		
k.	PZR Pressure - all channels (psig)	2235		
l.	PZR Level - all protection channels (%)	5		
m.	PZR temp liquid/vapor (°F)	652	653	
n.	PORV positions (455C/456)	C	C	
o.	PORV line temp (455C/456)	120	122	
p.	Safety line temp (551A/B/C) (°F)	125	122	122
q.	PRT Level (%)	50		
r.	PRT Temp (°F)	101		
s.	PRT Press (psig)	3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	52		
b.	S/G "B" Level (all narrow ranges) (%)	52		
c.	S/G "C" Level (all narrow ranges) (%)	52		
d.	Wide Range Level - A/B/C (%)	88	88	88
e.	S/G "A" Press (all channels) (psig)	830		
f.	S/G "B" Press (all channels) (psig)	830		
g.	S/G "C" Press (all channels) (psig)	830		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	3×10^6		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	3×10^6		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	3×10^6		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	3.01×10^6		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	3.01×10^6		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	3.00×10^6		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	45		
e.	Letdown Flow FI-150 (gpm)	60		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0		
b.	HHSI Hot Legs (FI-940) (gpm)	0		
c.	LHSI (FI-605) (gpm)	0		
d.	Accumulator A Level (ft^3)	890		
e.	Accumulator B Level (ft^3)	890		
f.	Accumulator C Level (ft^3)	890		
g.	RHR Hx Outlet Temp (°F) T-606	N/A		
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A	N/A	

Containment Systems

a.	Containment pressure (all channels) (psig)	0		
b.	Containment Spray pump discharge press A/B	0	0	
c.	Containment Temperature (all channels)	100		
d.	Containment Sump Level (wide range) (%)	0		
e.	Containment Level (wide range) (%)	0		

Radiation Monitoring System

PRMS-15 (CPM)	250	OTHERS:
PRMS-19 (CPM)	2195	
PRMS-14 (CPM)	3286	
SPING-4 (μCi/cc)	$<10^{-7}$	
DAM-1 (μCi/cc)	<1	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a.	Windspeed	3.5
b.	Wind Direction (From)	165
c.	ΔT	1.9

Others

Core Exit Thermocouple readings:

(avg.)-excluding peak	603
(Peak)	607

21

PLANT DATA

UNIT FTP 3
DATE 6/9/5
TIME 9:10

NOTE: MAIN FEED CONTROL VALVE 10 3/4" "A" FAILS closed, RX TRIP Turbine TRIP

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	90	90	
		90	90	
b.	Intermediate Range NI 35/36 (amps)	8×10^{-4}	8×10^{-4}	
c.	Source Range NI 31/32 (cps)	N/A	N/A	
d.	RCS Flow (Loops A,B,C) (%)	100	100	100
e.	T avg. (loop A)-all channels (°F)	572		
f.	T avg. (loop B)-all channels (°F)	572		
g.	T avg. (loop C)-all channels (°F)	572		
h.	T hot - wide range (loops A,B,C) (°F)	597	597	597
i.	T cold - wide range	547	547	547
j.	RCS Pressure - wide range (psig) (P402/403)	2250		
k.	PZR Pressure - all channels (psig)	2235		
l.	PZR Level - all protection channels (%)	50		
m.	PZR temp liquid/vapor (°F)	652	653	
n.	PORV positions (455C/456)	C	C	
o.	PORV line temp (455C/456)	120	122	
p.	Safety line temp (551A/B/C) (°F)	125	122	122
q.	PRT Level (%)	50		
r.	PRT Temp (°F)	101		
s.	PRT Press (psig)	3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	52		
b.	S/G "B" Level (all narrow ranges) (%)	52		
c.	S/G "C" Level (all narrow ranges) (%)	52		
d.	Wide Range Level - A/B/C (%)	88	88	88
e.	S/G "A" Press (all channels) (psig)	840		
f.	S/G "B" Press (all channels) (psig)	840		
g.	S/G "C" Press (all channels) (psig)	840		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	1 X 10³		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	2.85×10^6		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	2.85×10^6		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	2.86×10^6		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	2.86×10^6		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	2.65×10^6		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	45		
e.	Letdown Flow FI-150 (gpm)	60		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	0	
d.	Accumulator A Level (ft³)	R90	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	N/A	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A	N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	250	OTHERS:	
PRMS-19 (CPM)	2195		
PRMS-14 (CPM)	3286		
SPING-4 (μCi/cc)	$< 10^{-7}$		
DAM-1 (μCi/cc)	< 1		
CHRRM (R/hr)	0		

Environmental System (Dade County)

a.	Windspeed	3.2
b.	Wind Direction (From)	162
c.	ΔT	2.0

Others

Core Exit Thermocouple readings:

(avg.)-excluding peak	600
(Peak)	603

44 PLANT DATA

UNIT PTP 3
DATE 6/9/83
TIME 9:15

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	0	0	
		0	0	
b.	Intermediate Range NI 35/36 (amps)	9×10^{-8}	9×10^{-8}	
c.	Source Range NI 31/32 (cps)	N/A	N/A	
d.	RCS Flow (Loops A,B,C) (%)	100	100	100
e.	T avg. (loop A)-all channels (°F)	547		
f.	T avg. (loop B)-all channels (°F)	547		
g.	T avg. (loop C)-all channels (°F)	547		
h.	T hot - wide range (loops A,B,C) (°F)	548	548	548
i.	T cold - wide range	547	547	547
j.	RCS Pressure - wide range (psig) (P402/403)	2075		
k.	PZR Pressure - all channels (psig)	2060		
l.	PZR Level - all protection channels (%)	18		
m.	PZR temp liquid/vapor (°F)	642	643	
n.	PORV positions (455C/456)	C	C	
o.	PORV line temp (455C/456)	120	172	
p.	Safety line temp (551A/B/C) (°F)	125	122	122
q.	PRT Level (%)	50		
r.	PRT Temp (°F)	101		
s.	PRT Press (psig)	3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	10		
b.	S/G "B" Level (all narrow ranges) (%)	32		
c.	S/G "C" Level (all narrow ranges) (%)	32		
d.	Wide Range Level - A/B/C (%)	78	84	84
e.	S/G "A" Press (all channels) (psig)	1004		
f.	S/G "B" Press (all channels) (psig)	1005		
g.	S/G "C" Press (all channels) (psig)	1004		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	1×10^5		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	1×10^5		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	1×10^5		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	1×10^5		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	1×10^5		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	1×10^5		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	200	200	200
d.	Charging Flow FI-122 (gpm)	45		
e.	Letdown Flow FI-150 (gpm)	60		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	0	
d.	Accumulator A Level (ft^3)	890	
e.	Accumulator B Level (ft^3)	890	
f.	Accumulator C Level (ft^3)	890	
g.	RHR Hx Outlet Temp (°F) T-606	N/A	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A	N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	8	
e.	Containment Level (wide range) (%)	8	

Radiation Monitoring System

PRMS-15 (CPM)	250	OTHERS:	
PRMS-19 (CPM)	2195		
PRMS-14 (CPM)	3286		
SPING-4 (μCi/cc)	$< 10^{-7}$		
DAM-1 (μCi/cc)	< 1		
CHRRM (R/hr)	0		

Environmental System (Dade County)

a.	Windspeed	3.4
b.	Wind Direction (From)	161
c.	ΔT	2.0

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 550
(Peak) 555

23

PLANT DATA

UNIT PTP 3
DATE 6/9/87
TIME 9:2[illegible]m

NOTE: Tube Rupture on "B" S/G
MFW & AFW to "B" S/G is isolated
MS flow from "B" S/G is isolated

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	0	0	
b.	Intermediate Range NI 35/36 (amps)	0	0	
c.	Source Range NI 31/32 (cps)	10^{-10}	10^{-10}	
d.	RCS Flow (Loops A,B,C) (%)	5×10^{4}	5×10^{4}	
e.	T avg. (loop A)-all channels (°F)	100	100	100
f.	T avg. (loop B)-all channels (°F)		547	
g.	T avg. (loop C)-all channels (°F)		547	
h.	T hot - wide range (loops A,B,C) (°F)		547	
i.	T cold - wide range	548	548	548
j.	RCS Pressure - wide range (psig) (P402/403)	547	547	547
k.	PZR Pressure - all channels (psig)		2200 & falling	
l.	PZR Level - all protection channels (%)		2185 & falling	
m.	PZR temp liquid/vapor (°F)		22 & falling	
n.	PORV positions (455C/456)	647		647
o.	PORV line temp (455C/456)	C		C
p.	Safety line temp (551A/B/C) (°F)	120		122
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)		50	
s.	PRT Press (psig)		101	
			3	

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)		16	
b.	S/G "B" Level (all narrow ranges) (%)		40 & Rising	
c.	S/G "C" Level (all narrow ranges) (%)		39	
d.	Wide Range Level - A/B/C (%)	79	85	85
e.	S/G "A" Press (all channels) (psig)		1004	
f.	S/G "B" Press (all channels) (psig)		1005 & Rising	
g.	S/G "C" Press (all channels) (psig)		1004	
h.	S/G "A" - Feedflow (all channels) (lbm/hr)		0	
i.	S/G "B" - Feedflow (all channels) (lbm/hr)		0	
j.	S/G "C" - Feedflow (all channels) (lbm/hr)		0	
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)		1 X 10^3	
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)		See Controller	
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)		1 X 10^3	

Auxiliary Systems

a.	RWST Level LI-1545D (gals)		322K	
b.	CST Level LI-1544 (%)		95	
c.	Aux Feedflow (S/G A/B/C) (gpm)	200	0	200
d.	Charging Flow FI-122 (gpm)		45	
e.	Letdown Flow FI-150 (gpm)		60	
f.	VCT Level LI-115 (%)		40	
g.	Component CW Flow 613A/B (gpm)	7500		7500
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110		110
i.	CCW Supply Header Temp 607 A/B (°F)	100		100
j.	BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)		0	
b.	HHSI Hot Legs (FI-940) (gpm)		0	
c.	LHSI (FI-605) (gpm)		0	
d.	Accumulator A Level (ft³)		890	
e.	Accumulator B Level (ft³)		890	
f.	Accumulator C Level (ft³)		890	
g.	RHR Hx Outlet Temp (°F) T-606		N/A	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A		N/A

Containment Systems

a.	Containment pressure (all channels) (psig)		0	
b.	Containment Spray pump discharge press A/B	0		0
c.	Containment Temperature (all channels)		100	
d.	Containment Sump Level (wide range) (%)		0	
e.	Containment Level (wide range) (%)		0	

Radiation Monitoring System

PRMS-15 (CPM)	250 & Rising	OTHERS:	
PRMS-19 (CPM)	2195 & rising		
PRMS-14 (CPM)	3286 & rising		
SPING-4 (μCi/cc)	$<10^{-7}$ & Rising		
DAM-1 (μCi/cc)	See Controller		
CHRRM (R/hr)	0		

Environmental System (Dade County)

a.	Windspeed	3.1
b.	Wind Direction (From)	159
c.	ΔT	2.1

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 550
(Peak) 552

24 PLANT DATA

UNIT FTP 3
DATE 6/9/83
TIME 4:3[illegible]

NOTE: SI ACTUATED! - low PRZR PRESS. All MFW isolated on SI

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	0	0	
		0	0	
b.	Intermediate Range NI 35/36 (amps)	6×10^{-11}	6×10^{-11}	
c.	Source Range NI 31/32 (cps)	2×10^{4}	2×10^{4}	
d.	RCS Flow (Loops A,B,C) (%)	100	100	100
e.	T avg. (loop A)-all channels (°F)	544		
f.	T avg. (loop B)-all channels (°F)	544		
g.	T avg. (loop C)-all channels (°F)	544		
h.	T hot - wide range (loops A,B,C) (°F)	545	545	545
i.	T cold - wide range	543	543	543
j.	RCS Pressure - wide range (psig) (P402/403)	1700		
k.	PZR Pressure - all channels (psig)	1685		
l.	PZR Level - all protection channels (%)	5		
m.	PZR temp liquid/vapor (°F)	613	613	
n.	PORV positions (455C/456)	C	C	
o.	PORV line temp (455C/456)	120	122	
p.	Safety line temp (551A/B/C) (°F)	125	122	122
q.	PRT Level (%)	50		
r.	PRT Temp (°F)	101		
s.	PRT Press (psig)	3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	19		
b.	S/G "B" Level (all narrow ranges) (%)	44		
c.	S/G "C" Level (all narrow ranges) (%)	39		
d.	Wide Range Level - A/B/C (%)	79	86	84
e.	S/G "A" Press (all channels) (psig)	990		
f.	S/G "B" Press (all channels) (psig)	1090		
g.	S/G "C" Press (all channels) (psig)	990		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	0		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	7×10^{4}		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	9×10^{4}		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322 K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	196	0	196
d.	Charging Flow FI-122 (gpm)	0		
e.	Letdown Flow FI-150 (gpm)	0		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3800	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	RECIRC	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	N/A	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A	N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	3×10^{4}	OTHERS:	
PRMS-19 (CPM)	4×10^{4}		
PRMS-14 (CPM)	5×10^{4}		
SPING-4 (μCi/cc)	$<10^{-7}$		
DAM-1 (μCi/cc)	See Controller		
CHRRM (R/hr)	0		

Environmental System (Dade County)

a.	Windspeed	3.0
b.	Wind Direction (From)	158
c.	ΔT	2.1

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 546
(Peak) 550

25

PLANT DATA

UNIT PTP 3
DATE 6/9/8
TIME 9:3

NOTE: A CHARGING PUMP INADVERTENTLY RESTARTED
Loss of All AFW

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	0 / 0	
b.	Intermediate Range NI 35/36 (amps)	0 / 0	
c.	Source Range NI 31/32 (cps)	10^{-11} / 10^{-11}	
d.	RCS Flow (Loops A,B,C) (%)	6000 / 6000	
e.	T avg. (loop A)-all channels (°F)	100	100 / 100
f.	T avg. (loop B)-all channels (°F)	540	
g.	T avg. (loop C)-all channels (°F)	540	
h.	T hot - wide range (loops A,B,C) (°F)	540	540 / 540
i.	T cold - wide range	539	539 / 539
j.	RCS Pressure - wide range (psig) (P402/403)	1590	
k.	PZR Pressure - all channels (psig)	1575	
l.	PZR Level - all protection channels (%)	0	
m.	PZR temp liquid/vapor (°F)	N/A	607
n.	PORV positions (455C/456)	C	C
o.	PORV line temp (455C/456)	120	122
p.	Safety line temp (551A/B/C) (°F)	125	122 / 122
q.	PRT Level (%)	50	
r.	PRT Temp (°F)	101	
s.	PRT Press (psig)	3	

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	19	
b.	S/G "B" Level (all narrow ranges) (%)	47	
c.	S/G "C" Level (all narrow ranges) (%)	39	
d.	Wide Range Level - A/B/C (%)	76	87 / 85
e.	S/G "A" Press (all channels) (psig)	900	
f.	S/G "B" Press (all channels) (psig)	1085	
g.	S/G "C" Press (all channels) (psig)	900	
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0	
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0	
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	0	
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	5×10^4	
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller	
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	7×10^4	

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K	
b.	CST Level LI-1544 (%)	95	
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0 / 0
d.	Charging Flow FI-122 (gpm)	70	
e.	Letdown Flow FI-150 (gpm)	0	
f.	VCT Level LI-115 (%)	40	
g.	Component CW Flow 613A/B (gpm)	7500	7500
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110
i.	CCW Supply Header Temp 607 A/B (°F)	100	100
j.	BAST volume A/B/C (gals)	3765	3800 / 3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0
b.	HHSI Hot Legs (FI-940) (gpm)	0
c.	LHSI (FI-605) (gpm)	RECIRC
d.	Accumulator A Level (ft³)	890
e.	Accumulator B Level (ft³)	890
f.	Accumulator C Level (ft³)	890
g.	RHR Hx Outlet Temp (°F) T-606	N/A
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A / N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0
b.	Containment Spray pump discharge press A/B	0 / 0
c.	Containment Temperature (all channels)	100
d.	Containment Sump Level (wide range) (%)	8
e.	Containment Level (wide range) (%)	

Radiation Monitoring System

PRMS-15 (CPM)	3.5×10^3	OTHERS:
PRMS-19 (CPM)	5.4×10^3	
PRMS-14 (CPM)	9×10^3	
SPING-4 (μCi/cc)	$< 10^{-7}$	
DAM-1 (μCi/cc)	See Controller	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a.	Windspeed	See Controller
b.	Wind Direction (From)	
c.	ΔT	

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 540
(Peak) 595

26

PLANT DATA

UNIT PTP 3
DATE 6/7/8[illegible]
TIME 9:3[illegible]

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 N43/N44 (%)	0	0	
b.	Intermediate Range NI 35/36 (amps)	8	8	
c.	Source Range NI 31/32 (cps)	10^{-11}	10^{-11}	
d.	RCS Flow (Loops A,B,C) (%)	1000	1000	
e.	T avg. (loop A)-all channels (°F)	100	100	100
f.	T avg. (loop B)-all channels (°F)	540		
g.	T avg. (loop C)-all channels (°F)	540		
h.	T hot - wide range (loops A,B,C) (°F)	540		
i.	T cold - wide range	538	538	538
j.	RCS Pressure - wide range (psig) (P402/403)	537	537	537
k.	PZR Pressure - all channels (psig)	1475		
l.	PZR Level - all protection channels (%)	1460		
m.	PZR temp liquid/vapor (°F)	0		
n.	PORV positions (455C/456)	N/A C	594 C	
o.	PORV line temp (455C/456)	120	122	
p.	Safety line temp (551A/B/C) (°F)	125	122	122
q.	PRT Level (%)	50		
r.	PRT Temp (°F)	101		
s.	PRT Press (psig)	3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	0		
b.	S/G "B" Level (all narrow ranges) (%)	50		
c.	S/G "C" Level (all narrow ranges) (%)	16		
d.	Wide Range Level - A/B/C (%)	56	88	76
e.	S/G "A" Press (all channels) (psig)	680		
f.	S/G "B" Press (all channels) (psig)	1090		
g.	S/G "C" Press (all channels) (psig)	680		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	0		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	10^3		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	104		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322 K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	70		
e.	Letdown Flow FI-150 (gpm)	0		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3730	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0		
b.	HHSI Hot Legs (FI-940) (gpm)	0		
c.	LHSI (FI-605) (gpm)	RECIRC		
d.	Accumulator A Level (ft³)	890		
e.	Accumulator B Level (ft³)	890		
f.	Accumulator C Level (ft³)	890		
g.	RHR Hx Outlet Temp (°F) T-606	N/A		
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A	N/A	

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	3×10^3	OTHERS:
PRMS-19 (CPM) :	5×10^3	
PRMS-14 (CPM)	6×10^3	
SPING-4 (μCi/cc)	$< 10^{-7}$	
DAM-1 (μCi/cc)	See Controller	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a. Windspeed
b. Wind Direction (From)
c. ΔT

} See Controller

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 539
(Peak) 541

27

PLANT DATA

UNIT 1 of 3
DATE 6/9
TIME 9:4

NOTE: RCP'S SECURED

Reactor Coolant System

a.	Power Range N41/N42 N43/N44 (%)	N/A	N/A	
b.	Intermediate Range NI 35/36 (amps)	N/A	N/A	
c.	Source Range NI 31/32 (cps)	N/A	N/A	
d.	RCS Flow (Loops A,B,C) (%)	1000	1000	
e.	T avg. (loop A)-all channels (°F)	5	5	5
f.	T avg. (loop B)-all channels (°F)	540		
g.	T avg. (loop C)-all channels (°F)	540		
h.	T hot - wide range (loops A,B,C) (°F)	540		
i.	T cold - wide range	535	535	535
j.	RCS Pressure - wide range (psig) (P402/403)	534	534	534
k.	PZR Pressure - all channels (psig)	1300		
l.	PZR Level - all protection channels (%)	1285		
m.	PZR temp liquid/vapor (°F)	0		
n.	PORV positions (455C/456)	N/A	577	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	0		
b.	S/G "B" Level (all narrow ranges) (%)	56		
c.	S/G "C" Level (all narrow ranges) (%)	0		
d.	Wide Range Level - A/B/C (%)	15	89	31
e.	S/G "A" Press (all channels) (psig)	220		
f.	S/G "B" Press (all channels) (psig)	1090		
g.	S/G "C" Press (all channels) (psig)	340		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	0		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	0		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	10^3		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	70		
e.	Letdown Flow FI-150 (gpm)	0		
f.	VCT Level LI-115 (%)	46		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3660	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	RECIRC	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	N/A	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A	N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	3×10^3	OTHERS:	
PRMS-19 (CPM)	5×10^3		
PRMS-14 (CPM)	6×10^3		
SPING-4 (μCi/cc)	$< 10^{-7}$		
DAM-1 (μCi/cc)	See Controller		
CHRRM (R/hr)	0		

Environmental System (Dade County)

a. Windspeed
b. Wind Direction (From)
c. ΔT

} See Controller

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 536
(Peak) 538

28

PLANT DATA

UNIT PTP 3
DATE 6/9/8
TIME 9:55

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	N/A	N/A	
b.	Intermediate Range NI 35/36 (amps)	N/A	N/A	
c.	Source Range NI 31/32 (cps)	N/A	N/A	
d.	RCS Flow (Loops A,B,C) (%)	1300	1300	
e.	T avg. (loop A)-all channels (°F)	0	0	0
f.	T avg. (loop B)-all channels (°F)	540		
g.	T avg. (loop C)-all channels (°F)	540		
h.	T hot - wide range (loops A,B,C) (°F)	540		
i.	T cold - wide range	561	561	561
j.	RCS Pressure - wide range (psig) (P402/403)	540	540	540
k.	PZR Pressure - all channels (psig)	1145		
l.	PZR Level - all protection channels (%)	1130		
m.	PZR temp liquid/vapor (°F)	0		
n.	PORV positions (455C/456)	N/A	560	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	0
b.	S/G "B" Level (all narrow ranges) (%)	65
c.	S/G "C" Level (all narrow ranges) (%)	0
d.	Wide Range Level - A/B/C (%)	0 / 42 / 0
e.	S/G "A" Press (all channels) (psig)	0
f.	S/G "B" Press (all channels) (psig)	1085
g.	S/G "C" Press (all channels) (psig)	0
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	0
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	0
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	0

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K
b.	CST Level LI-1544 (%)	95
c.	Aux Feedflow (S/G A/B/C) (gpm)	0 / 0 / 0
d.	Charging Flow FI-122 (gpm)	70
e.	Letdown Flow FI-150 (gpm)	0
f.	VCT Level LI-115 (%)	40
g.	Component CW Flow 613A/B (gpm)	7500 / 7500
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110 / 110
i.	CCW Supply Header Temp 607 A/B (°F)	100 / 100
j.	BAST volume A/B/C (gals)	3590 / 3800 / 3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0
b.	HHSI Hot Legs (FI-940) (gpm)	0
c.	LHSI (FI-605) (gpm)	RECIRC
d.	Accumulator A Level (ft³)	890
e.	Accumulator B Level (ft³)	890
f.	Accumulator C Level (ft³)	890
g.	RHR Hx Outlet Temp (°F) T-606	N/A
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A / N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0
b.	Containment Spray pump discharge press A/B	0 / 0
c.	Containment Temperature (all channels)	100
d.	Containment Sump Level (wide range) (%)	0
e.	Containment Level (wide range) (%)	0

Radiation Monitoring System

PRMS-15 (CPM)	1.5E+05	OTHERS:
PRMS-19 (CPM)	200	
PRMS-14 (CPM)	3800	
SPING-4 (μCi/cc)	<1E-7	
DAM-1 (μCi/cc)	See Controller	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a.	Windspeed	See Controller
b.	Wind Direction (From)	
c.	ΔT	

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 570
(Peak) 575

29

PLANT DATA

UNIT FTP 3
DATE 6/7/83
TIME 10:00

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	N/A	N/A	
b.	Intermediate Range NI 35/36 (amps)	N/A	N/A	
c.	Source Range NI 31/32 (cps)	N/A	N/A	
d.	RCS Flow (Loops A,B,C) (%)	2200	2200	
e.	T avg. (loop A)-all channels (°F)	0	0	0
f.	T avg. (loop B)-all channels (°F)	540		
g.	T avg. (loop C)-all channels (°F)	540		
h.	T hot - wide range (loops A,B,C) (°F)	540		
i.	T cold - wide range	620	620	620
j.	RCS Pressure - wide range (psig) (P402/403)	540	550	550
k.	PZR Pressure - all channels (psig)	1145		
l.	PZR Level - all protection channels (%)	1130		
m.	PZR temp liquid/vapor (°F)	0		
n.	PORV positions (455C/456)	N/A	560	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	0		
b.	S/G "B" Level (all narrow ranges) (%)	67		
c.	S/G "C" Level (all narrow ranges) (%)	0		
d.	Wide Range Level - A/B/C (%)	0	92	0
e.	S/G "A" Press (all channels) (psig)	0		
f.	S/G "B" Press (all channels) (psig)	1090		
g.	S/G "C" Press (all channels) (psig)	0		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	0		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	0		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	0		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	70		
e.	Letdown Flow FI-150 (gpm)	0		
f.	VCT Level LI-115 (%)	48		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3555	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	RCCIRC	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	N/A	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A	N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	50	OTHERS:	
PRMS-19 (CPM)	10		
PRMS-14 (CPM)	30000		
SPING-4 (μCi/cc)	$<10^{-7}$		
DAM-1 (μCi/cc)	See Controller		
CHRRM (R/hr)	0		

Environmental System (Dade County)

a. Windspeed
b. Wind Direction (From)
c. ΔT

} See Controller

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 650
(Peak) 700

30

PLANT DATA

UNIT PTP 3
DATE 6/9/83
TIME 10:05 A

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	N/A	N/A
b.	Intermediate Range NI 35/36 (amps)	N/A	N/A
c.	Source Range NI 31/32 (cps)	N/A	N/A
d.	RCS Flow (Loops A,B,C) (%)	2100	2100
e.	T avg. (loop A)-all channels (°F)	0	0	0
f.	T avg. (loop B)-all channels (°F)	540	
g.	T avg. (loop C)-all channels (°F)	540	
h.	T hot - wide range (loops A,B,C) (°F)	540	
i.	T cold - wide range	700	700	700
j.	RCS Pressure - wide range (psig) (P402/403)	365	550	550
k.	PZR Pressure - all channels (psig)	1125	
l.	PZR Level - all protection channels (%)	1120	
m.	PZR temp liquid/vapor (°F)	0	
n.	PORV positions (455C/456)	N/A	559
o.	PORV line temp (455C/456)	C	C
p.	Safety line temp (551A/B/C) (°F)	120	122
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50	
s.	PRT Press (psig)	101	
		3	

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	0
b.	S/G "B" Level (all narrow ranges) (%)	69
c.	S/G "C" Level (all narrow ranges) (%)	0
d.	Wide Range Level - A/B/C (%)	0	93	0
e.	S/G "A" Press (all channels) (psig)	0
f.	S/G "B" Press (all channels) (psig)	1085
g.	S/G "C" Press (all channels) (psig)	0
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	0
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	0
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	0

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K
b.	CST Level LI-1544 (%)	95
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	70
e.	Letdown Flow FI-150 (gpm)	0
f.	VCT Level LI-115 (%)	40
g.	Component CW Flow 613A/B (gpm)	7500	7500
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110
i.	CCW Supply Header Temp 607 A/B (°F)	100	100
j.	BAST volume A/B/C (gals)	3520	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0
b.	HHSI Hot Legs (FI-940) (gpm)	0
c.	LHSI (FI-605) (gpm)	RECIRC
d.	Accumulator A Level (ft³)	890
e.	Accumulator B Level (ft³)	890
f.	Accumulator C Level (ft³)	890
g.	RHR Hx Outlet Temp (°F) T-606	N/A
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A	N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100
d.	Containment Sump Level (wide range) (%)	0
e.	Containment Level (wide range) (%)	0

Radiation Monitoring System

PRMS-15 (CPM)	50	OTHERS:
PRMS-19 (CPM)	10	
PRMS-14 (CPM)	3000	
SPING-4 (μCi/cc)	10^{-7}	
DAM-1 (μCi/cc)	See Controller	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a.	Windspeed	See Controller
b.	Wind Direction (From)	See Controller
c.	ΔT	See Controller

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 1200
(Peak) 1250

31

PLANT DATA

UNIT PTP 5
DATE 6/9/83
TIME 10:15 A

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	N/A	N/A	
b.	Intermediate Range NI 35/36 (amps)	N/A	N/A	
c.	Source Range NI 31/32 (cps)	N/A	N/A	
d.	RCS Flow (Loops A,B,C) (%)	2000	2000	
e.	T avg. (loop A)-all channels (°F)	0	0	0
f.	T avg. (loop B)-all channels (°F)		540	
g.	T avg. (loop C)-all channels (°F)		540	
h.	T hot - wide range (loops A,B,C) (°F)		540	
i.	T cold - wide range	700	700	700
j.	RCS Pressure - wide range (psig) (P402/403)	360	550	550
k.	PZR Pressure - all channels (psig)		1100	
l.	PZR Level - all protection channels (%)		1100	
m.	PZR temp liquid/vapor (°F)		0	
n.	PORV positions (455C/456)	N/A	557	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)		50	
s.	PRT Press (psig)		101	
			3	

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)		0	
b.	S/G "B" Level (all narrow ranges) (%)		70	
c.	S/G "C" Level (all narrow ranges) (%)		0	
d.	Wide Range Level - A/B/C (%)	0	93	0
e.	S/G "A" Press (all channels) (psig)		0	
f.	S/G "B" Press (all channels) (psig)		1090	
g.	S/G "C" Press (all channels) (psig)		0	
h.	S/G "A" - Feedflow (all channels) (lbm/hr)		0	
i.	S/G "B" - Feedflow (all channels) (lbm/hr)		0	
j.	S/G "C" - Feedflow (all channels) (lbm/hr)		0	
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)		0	
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)		See Controller	
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)		0	

Auxiliary Systems

a.	RWST Level LI-1545D (gals)		322K	
b.	CST Level LI-1544 (%)		93	
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)		70	
e.	Letdown Flow FI-150 (gpm)		0	
f.	VCT Level LI-115 (%)		40	
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3450	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	REFCIRC	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	N/A	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A	N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	50	OTHERS:
PRMS-19 (CPM)	10	
PRMS-14 (CPM)	Zero	
SPING-4 (μCi/cc)	<10⁻⁷	
DAM-1 (μCi/cc)	See Controller	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a.	Windspeed	See Controller
b.	Wind Direction (From)	
c.	ΔT	

Others

Core Exit Thermocouple readings:

(avg.)-excluding peak	1350
(Peak)	1450

32

PLANT DATA

UNIT PTP 3
DATE 6/9/83
TIME 10:30

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	N/A	N/A	
b.	Intermediate Range NI 35/36 (amps)	N/A	N/A	
c.	Source Range NI 31/32 (cps)	N/A	N/A	
d.	RCS Flow (Loops A,B,C) (%)	1980	1980	
e.	T avg. (loop A)-all channels (°F)	0	0	0
f.	T avg. (loop B)-all channels (°F)	540		
g.	T avg. (loop C)-all channels (°F)	540		
h.	T hot - wide range (loops A,B,C) (°F)	540		
i.	T cold - wide range	700	700	700
j.	RCS Pressure - wide range (psig) (P402/403)	358	550	550
k.	PZR Pressure - all channels (psig)	1100		
l.	PZR Level - all protection channels (%)	1102		
m.	PZR temp liquid/vapor (°F)	0		
n.	PORV positions (455C/456)	N/A	557	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	0		
b.	S/G "B" Level (all narrow ranges) (%)	71		
c.	S/G "C" Level (all narrow ranges) (%)	0		
d.	Wide Range Level - A/B/C (%)	0	93	0
e.	S/G "A" Press (all channels) (psig)	0		
f.	S/G "B" Press (all channels) (psig)	1087		
g.	S/G "C" Press (all channels) (psig)	0		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	0		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	0		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	0		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	70		
e.	Letdown Flow FI-150 (gpm)	0		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3345	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	RECIRC	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	N/A	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A	N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	6	

Radiation Monitoring System

PRMS-15 (CPM)	50	OTHERS:	
PRMS-19 (CPM)	10		
PRMS-14 (CPM)	3000		
SPING-4 (μCi/cc)	$< 10^{-7}$		
DAM-1 (μCi/cc)	See Controller		
CHRRM (R/hr)	0		

Environmental System (Dade County)

a. Windspeed
b. Wind Direction (From)
c. ΔT

} See Controller

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 14[illegible]
(Peak) 1475

33

PLANT DATA

UNIT 1 & 2
DATE 10/9/83
TIME 10:35

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	N/A	N/A
b.	Intermediate Range NI 35/36 (amps)	N/A	N/A
c.	Source Range NI 31/32 (cps)	N/A	N/A
d.	RCS Flow (Loops A,B,C) (%)	1500	1500
e.	T avg. (loop A)-all channels (°F)	0	0	0
f.	T avg. (loop B)-all channels (°F)	540	
g.	T avg. (loop C)-all channels (°F)	540	
h.	T hot - wide range (loops A,B,C) (°F)	540	
i.	T cold - wide range	700	700	700
j.	RCS Pressure - wide range (psig) (P402/403)	358	550	550
k.	PZR Pressure - all channels (psig)	1100	
l.	PZR Level - all protection channels (%)	1100	
m.	PZR temp liquid/vapor (°F)	0	
n.	PORV positions (455C/456)	N/A	557
o.	PORV line temp (455C/456)	C	C
p.	Safety line temp (551A/B/C) (°F)	120	122
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50	
s.	PRT Press (psig)	101	
		3	

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	0
b.	S/G "B" Level (all narrow ranges) (%)	72
c.	S/G "C" Level (all narrow ranges) (%)	0
d.	Wide Range Level - A/B/C (%)	0	93	0
e.	S/G "A" Press (all channels) (psig)	0
f.	S/G "B" Press (all channels) (psig)	1090
g.	S/G "C" Press (all channels) (psig)	0
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	0
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	0
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	0

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K
b.	CST Level LI-1544 (%)	95
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	70
e.	Letdown Flow FI-150 (gpm)	0
f.	VCT Level LI-115 (%)	40
g.	Component CW Flow 613A/B (gpm)	7500	7500
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110
i.	CCW Supply Header Temp 607 A/B (°F)	100	100
j.	BAST volume A/B/C (gals)	3310	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0
b.	HHSI Hot Legs (FI-940) (gpm)	0
c.	LHSI (FI-605) (gpm)	RECIRC
d.	Accumulator A Level (ft³)	890
e.	Accumulator B Level (ft³)	890
f.	Accumulator C Level (ft³)	890
g.	RHR Hx Outlet Temp (°F) T-606	N/A
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A	N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100
d.	Containment Sump Level (wide range) (%)	0
e.	Containment Level (wide range) (%)	0

Radiation Monitoring System

PRMS-15 (CPM)	40	OTHERS:
PRMS-19 (CPM)	5	
PRMS-14 (CPM)	Zero	
SPING-4 (μCi/cc)	10^{-7}	
DAM-1 (μCi/cc)	See Controller	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a. Windspeed
b. Wind Direction (From)
c. ΔT

} See controller

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 1435
(Peak) 1500

34

PLANT DATA

UNIT PTP 3
DATE 6/9/83
TIME 10:40

NOTE: "C" FEEDWATER BYPASS OPENED

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	N/A	N/A	
b.	Intermediate Range NI 35/36 (amps)	N/A	N/A	
c.	Source Range NI 31/32 (cps)	1970	1970	
d.	RCS Flow (Loops A,B,C) (%)	0	0	0
e.	T avg. (loop A)-all channels (°F)	540		
f.	T avg. (loop B)-all channels (°F)	540		
g.	T avg. (loop C)-all channels (°F)	540		
h.	T hot - wide range (loops A,B,C) (°F)	700	700	700
i.	T cold - wide range	358	550	550
j.	RCS Pressure - wide range (psig) (P402/403)	1100		
k.	PZR Pressure - all channels (psig)	1100		
l.	PZR Level - all protection channels (%)	0		
m.	PZR temp liquid/vapor (°F)	N/A	557	
n.	PORV positions (455C/456)	C	C	
o.	PORV line temp (455C/456)	120	122	
p.	Safety line temp (551A/B/C) (°F)	125	122	122
q.	PRT Level (%)	50		
r.	PRT Temp (°F)	101		
s.	PRT Press (psig)	3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	0		
b.	S/G "B" Level (all narrow ranges) (%)	71		
c.	S/G "C" Level (all narrow ranges) (%)	0		
d.	Wide Range Level - A/B/C (%)	0	93	0
e.	S/G "A" Press (all channels) (psig)	0		
f.	S/G "B" Press (all channels) (psig)	1090		
g.	S/G "C" Press (all channels) (psig)	0		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	10^2		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	0		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	0		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	70		
e.	Letdown Flow FI-150 (gpm)	0		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7600	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3275	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	RECIRC	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	N/A	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A	N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	8	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	40	OTHERS:	
PRMS-19 (CPM)	5		
PRMS-14 (CPM)	3xxx		
SPING-4 (μCi/cc)	$<10^{-7}$		
DAM-1 (μCi/cc)	See Controller		
CHRRM (R/hr)	0		

Environmental System (Dade County)

a. Windspeed
b. Wind Direction (From)
c. ΔT

} See Controller

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 1430
(Peak) 1500

35

PLANT DATA

UNIT PTP 3
DATE 6/9/83
TIME 10:45A

NOTE:

Reactor Coolant System

a.	Power Range $\frac{N41/N42}{N43/N44}$ (%)	N/A	N/A
b.	Intermediate Range NI 35/36 (amps)	N/A	N/A
c.	Source Range NI 31/32 (cps)	N/A	N/A
d.	RCS Flow (Loops A,B,C) (%)	1800	1800
e.	T avg. (loop A)-all channels (°F)	0	0 0
f.	T avg. (loop B)-all channels (°F)	540	
g.	T avg. (loop C)-all channels (°F)	540	
h.	T hot - wide range (loops A,B,C) (°F)	540	
i.	T cold - wide range	700	700 700
j.	RCS Pressure - wide range (psig) (P402/403)	358	550 550
k.	PZR Pressure - all channels (psig)	1095	
l.	PZR Level - all protection channels (%)	1096	
m.	PZR temp liquid/vapor (°F)	0	
n:	PORV positions (455C/456)	N/A	555
o.	PORV line temp (455C/456)	C	C
p.	Safety line temp (551A/B/C) (°F)	120	122
q.	PRT Level (%)	125	122 122
r.	PRT Temp (°F)	50	
s.	PRT Press (psig)	101	
		3	

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	0
b.	S/G "B" Level (all narrow ranges) (%)	71
c.	S/G "C" Level (all narrow ranges) (%)	0
d.	Wide Range Level - A/B/C (%)	0 93 1
e.	S/G "A" Press (all channels) (psig)	0
f.	S/G "B" Press (all channels) (psig)	1089
g.	S/G "C" Press (all channels) (psig)	20
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	4.5×10^5
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	0
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	10^2

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K
b.	CST Level LI-1544 (%)	95
c.	Aux Feedflow (S/G A/B/C) (gpm)	0 0 0
d.	Charging Flow FI-122 (gpm)	70
e.	Letdown Flow FI-150 (gpm)	0
f.	VCT Level LI-115 (%)	40
g.	Component CW Flow 613A/B (gpm)	7500 7500
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110 110
i.	CCW Supply Header Temp 607 A/B (°F)	100 100
j.	BAST volume A/B/C (gals)	3240 3800 3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0
b.	HHSI Hot Legs (FI-940) (gpm)	0
c.	LHSI (FI-605) (gpm)	RECIRC
d.	Accumulator A Level (ft³)	890
e.	Accumulator B Level (ft³)	870
f.	Accumulator C Level (ft³)	890
g.	RHR Hx Outlet Temp (°F) T-606	N/A
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0
b.	Containment Spray pump discharge press A/B	0 0
c.	Containment Temperature (all channels)	100
d.	Containment Sump Level (wide range) (%)	0
e.	Containment Level (wide range) (%)	0

Radiation Monitoring System

PRMS-15 (CPM)	40	OTHERS:	
PRMS-19 (CPM)	5		
PRMS-14 (CPM)	3000		
SPING-4 (μCi/cc)	$<10^{-7}$		
DAM-1 (μCi/cc)	See Controller		
CHRRM (R/hr)	0		

Environmental System (Dade County)

a.	Windspeed	See Controller
b.	Wind Direction (From)	
c.	ΔT	

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 1450
(Peak) 1500

36

PLANT DATA

UNIT PTP 3
DATE 6/9/83
TIME 11:00 A

NOTE: S/G "C" ESTABLISHES HEAT SINK

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	N/A	N/A	
		N/A	N/A	
b.	Intermediate Range NI 35/36 (amps)	N/A	N/A	
c.	Source Range NI 31/32 (cps)	1200	1200	
d.	RCS Flow (Loops A,B,C) (%)	0	0	0
e.	T avg. (loop A)-all channels (°F)	540		
f.	T avg. (loop B)-all channels (°F)	540		
g.	T avg. (loop C)-all channels (°F)	540		
h.	T hot - wide range (loops A,B,C) (°F)	700	700	700
i.	T cold - wide range	358	550	515
j.	RCS Pressure - wide range (psig) (P402/403)	1100		
k.	PZR Pressure - all channels (psig)	1100		
l.	PZR Level - all protection channels (%)	0		
m.	PZR temp liquid/vapor (°F)	N/A	556	
n.	PORV positions (455C/456)	C	C	
o.	PORV line temp (455C/456)	120	122	
p.	Safety line temp (551A/B/C) (°F)	125	122	122
q.	PRT Level (%)	50		
r.	PRT Temp (°F)	101		
s.	PRT Press (psig)	3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	0		
b.	S/G "B" Level (all narrow ranges) (%)	71		
c.	S/G "C" Level (all narrow ranges) (%)	0		
d.	Wide Range Level - A/B/C (%)	0	93	42
e.	S/G "A" Press (all channels) (psig)	0		
f.	S/G "B" Press (all channels) (psig)	1090		
g.	S/G "C" Press (all channels) (psig)	300		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	45×10^5		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	0		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	7×10^4		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	98		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	70		
e.	Letdown Flow FI-150 (gpm)	0		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3135	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	RECIRC	
d.	Accumulator A Level (ft^3)	890	
e.	Accumulator B Level (ft^3)	890	
f.	Accumulator C Level (ft^3)	890	
g.	RHR Hx Outlet Temp (°F) T-606	N/A	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A	N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	40	OTHERS:	
PRMS-19 (CPM)	5		
PRMS-14 (CPM)	Zero		
SPING-4 (μCi/cc)	$< 10^{-7}$		
DAM-1 (μCi/cc)	See Controller		
CHRRM (R/hr)	0		

Environmental System (Dade County)

a. Windspeed
b. Wind Direction (From)
c. ΔT

} See Controller

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 1050
(Peak) 1100

37

PLANT DATA

UNIT PTP 3
DATE 6/9/87
TIME 11:15 AM

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	N/A	N/A	
b.	Intermediate Range NI 35/36 (amps)	N/A	N/A	
c.	Source Range NI 31/32 (cps)	N/A	N/A	
d.	RCS Flow (Loops A,B,C) (%)	1100	1100	
e.	T avg. (loop A)-all channels (°F)	0	0	0
f.	T avg. (loop B)-all channels (°F)	540		
g.	T avg. (loop C)-all channels (°F)	540		
h.	T hot - wide range (loops A,B,C) (°F)	540		
i.	T cold - wide range	700	700	690
j.	RCS Pressure - wide range (psig) (P402/403)	358	550	490
k.	PZR Pressure - all channels (psig)	1098		
l.	PZR Level - all protection channels (%)	1098		
m.	PZR temp liquid/vapor (°F)	0		
n.	PORV positions (455C/456)	N/A	556	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	0		
b.	S/G "B" Level (all narrow ranges) (%)	70		
c.	S/G "C" Level (all narrow ranges) (%)	14		
d.	Wide Range Level - A/B/C (%)	0	93	85
e.	S/G "A" Press (all channels) (psig)	0		
f.	S/G "B" Press (all channels) (psig)	1089		
g.	S/G "C" Press (all channels) (psig)	1160		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	4.5×10^5		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	0		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	8×10^4		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	70		
e.	Letdown Flow FI-150 (gpm)	0		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	3030	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	REG/RC	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	N/A	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A	N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	40	OTHERS:	
PRMS-19 (CPM)	5		
PRMS-14 (CPM)	3000		
SPING-4 (μCi/cc)	$<10^{-7}$		
DAM-1 (μCi/cc)	See Controller		
CHRRM (R/hr)	0		

Environmental System (Dade County)

a. Windspeed
b. Wind Direction (From)
c. ΔT

} See Controller

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 700
(Peak) 710

38

PLANT DATA

UNIT FTP 3
DATE 6/9/13
TIME 11:30A

NOTE: CHARGING Pump "1C" is PUT BACK IN SERVICE.

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	N/A	N/A	
b.	Intermediate Range NI 35/36 (amps)	N/A	N/A	
c.	Source Range NI 31/32 (cps)	N/A	N/A	
d.	RCS Flow (Loops A,B,C) (%)	1000	1000	
e.	T avg. (loop A)-all channels (°F)	0	0	0
f.	T avg. (loop B)-all channels (°F)	540		
g.	T avg. (loop C)-all channels (°F)	540		
h.	T hot - wide range (loops A,B,C) (°F)	540		
i.	T cold - wide range	700	700	580
j.	RCS Pressure - wide range (psig) (P402/403)	358	550	475
k.	PZR Pressure - all channels (psig)	1100		
l.	PZR Level - all protection channels (%)	1100		
m.	PZR temp liquid/vapor (°F)	0		
n.	PORV positions (455C/456)	N/A	556	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	101		
		3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	0		
b.	S/G "B" Level (all narrow ranges) (%)	71		
c.	S/G "C" Level (all narrow ranges) (%)	40		
d.	Wide Range Level - A/B/C (%)	0	92	85
e.	S/G "A" Press (all channels) (psig)	0		
f.	S/G "B" Press (all channels) (psig)	1090		
g.	S/G "C" Press (all channels) (psig)	500		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	105		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	0		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	8x10⁴		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	140		
e.	Letdown Flow FI-150 (gpm)	0		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	2725	3800	3800

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	RECIRC	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	N/A	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A	N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	40	OTHERS:
PRMS-19 (CPM)	5	
PRMS-14 (CPM)	3000	
SPING-4 (μCi/cc)	$< 10^{-7}$	
DAM-1 (μCi/cc)	See Controller	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a. Windspeed
b. Wind Direction (From)
c. ΔT

} See Controller

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 590
(Peak) 605

39

PLANT DATA

DATE 6/9/83
TIME 11:45 a

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	N/A	N/A	
b.	Intermediate Range NI 35/36 (amps)	N/A	N/A	
c.	Source Range NI 31/32 (cps)	N/A	N/A	
d.	RCS Flow (Loops A,B,C) (%)	950	950	
e.	T avg. (loop A)-all channels (°F)	0	0	0
f.	T avg. (loop B)-all channels (°F)		540	
g.	T avg. (loop C)-all channels (°F)		540	
h.	T hot - wide range (loops A,B,C) (°F)		540	
i.	T cold - wide range	700	700	537
j.	RCS Pressure - wide range (psig) (P402/403)	358	550	465
k.	PZR Pressure - all channels (psig)		100	
l.	PZR Level - all protection channels (%)		1100	
m.	PZR temp liquid/vapor (°F)		0	
n.	PORV positions (455C/456)	N/A	556	
o.	PORV line temp (455C/456)	C	C	
p.	Safety line temp (551A/B/C) (°F)	120	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)		50	
s.	PRT Press (psig)		101	
			3	

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	RECIRC	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	1340	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	N/A	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A	N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	0		
b.	S/G "B" Level (all narrow ranges) (%)	71		
c.	S/G "C" Level (all narrow ranges) (%)	40		
d.	Wide Range Level - A/B/C (%)	0	92	85
e.	S/G "A" Press (all channels) (psig)	0		
f.	S/G "B" Press (all channels) (psig)	1090		
g.	S/G "C" Press (all channels) (psig)	500		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	105		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	0		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	8 X 10⁴		

Radiation Monitoring System

PRMS-15 (CPM)	40	OTHERS:
PRMS-19 (CPM)	5	
PRMS-14 (CPM)	3	
SPING-4 (μCi/cc)	$< 10^{-7}$	
DAM-1 (μCi/cc)	See Controller	
CHRRM (R/hr)	0	

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	90		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	140		
e.	Letdown Flow FI-150 (gpm)	0		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	2820	3800	3695

Environmental System (Dade County)

a.	Windspeed	See Controller
b.	Wind Direction (From)	
c.	ΔT	

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 540
(Peak) 543

40

PLANT DATA

UNIT FTP 3
DATE 6/9/83
TIME 11:55

NOTE: BEGIN RCS depressurization

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	N/A	N/A	
b.	Intermediate Range NI 35/36 (amps)	N/A	N/A	
c.	Source Range NI 31/32 (cps)	N/A	N/A	
d.	RCS Flow (Loops A,B,C) (%)	900	900	
e.	T avg. (loop A)-all channels (°F)	0	0	0
f.	T avg. (loop B)-all channels (°F)	540		
g.	T avg. (loop C)-all channels (°F)	540		
h.	T hot - wide range (loops A,B,C) (°F)	540		
i.	T cold - wide range	700	600	530
j.	RCS Pressure - wide range (psig) (P402/403)	358	545	460
k.	PZR Pressure - all channels (psig)	1090		
l.	PZR Level - all protection channels (%)	1090		
m.	PZR temp liquid/vapor (°F)	0		
n.	PORV positions (455C/456)	N/A	535	
o.	PORV line temp (455C/456)	0	C	
p.	Safety line temp (551A/B/C) (°F)	170	122	
q.	PRT Level (%)	125	122	122
r.	PRT Temp (°F)	50		
s.	PRT Press (psig)	130		
		3.5		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	0		
b.	S/G "B" Level (all narrow ranges) (%)	70		
c.	S/G "C" Level (all narrow ranges) (%)	40		
d.	Wide Range Level - A/B/C (%)	0	92	85
e.	S/G "A" Press (all channels) (psig)	0		
f.	S/G "B" Press (all channels) (psig)	1090		
g.	S/G "C" Press (all channels) (psig)	500		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	8x10⁴		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	0		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See controller		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	8x10⁴		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	140		
e.	Letdown Flow FI-150 (gpm)	0		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	2750	3800	3625

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0
b.	HHSI Hot Legs (FI-940) (gpm)	0
c.	LHSI (FI-605) (gpm)	RECIRC
d.	Accumulator A Level (ft³)	890
e.	Accumulator B Level (ft³)	890
f.	Accumulator C Level (ft³)	890
g.	RHR Hx Outlet Temp (°F) T-606	N/A
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0
b.	Containment Spray pump discharge press A/B	0 0
c.	Containment Temperature (all channels)	100
d.	Containment Sump Level (wide range) (%)	0
e.	Containment Level (wide range) (%)	0

Radiation Monitoring System

PRMS-15 (CPM)	40	OTHERS:	
PRMS-19 (CPM)	5		
PRMS-14 (CPM)	3000		
SPING-4 (μCi/cc)	$<10^{-7}$		
DAM-1 (μCi/cc)	See Controller		
CHRRM (R/hr)	0		

Environmental System (Dade County)

a. Windspeed
b. Wind Direction (From)
c. ΔT

} See Controller

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 533
(Peak) 537

41

PLANT DATA

UNIT PTP 3
DATE 6/9/83
TIME 12:00 M

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	N/A	N/A	
b.	Intermediate Range NI 35/36 (amps)	N/A	N/A	
c.	Source Range NI 31/32 (cps)	N/A	N/A	
d.	RCS Flow (Loops A,B,C) (%)	850	850	
e.	T avg. (loop A)-all channels (°F)	0	0	0
f.	T avg. (loop B)-all channels (°F)	540		
g.	T avg. (loop C)-all channels (°F)	540		
h.	T hot - wide range (loops A,B,C) (°F)	540		
i.	T cold - wide range	700	550	525
j.	RCS Pressure - wide range (psig) (P402/403)	358	545	457
k.	PZR Pressure - all channels (psig)	1080		
l.	PZR Level - all protection channels (%)	1080		
m.	PZR temp liquid/vapor (°F)	0		
n.	PORV positions (455C/456)	N/A	554	
o.	PORV line temp (455C/456)	0	C	
p.	Safety line temp (551A/B/C) (°F)	195	123	
q.	PRT Level (%)	126	123	123
r.	PRT Temp (°F)	51		
s.	PRT Press (psig)	150		
		8.0		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	0		
b.	S/G "B" Level (all narrow ranges) (%)	70		
c.	S/G "C" Level (all narrow ranges) (%)	40		
d.	Wide Range Level - A/B/C (%)	0	92	85
e.	S/G "A" Press (all channels) (psig)	0		
f.	S/G "B" Press (all channels) (psig)	1080		
g.	S/G "C" Press (all channels) (psig)	500		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	8x10⁴		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	0		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	8x10⁴		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	140		
e.	Letdown Flow FI-150 (gpm)	0		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	2715	3800	3690

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0	
b.	HHSI Hot Legs (FI-940) (gpm)	0	
c.	LHSI (FI-605) (gpm)	RECIRC	
d.	Accumulator A Level (ft³)	890	
e.	Accumulator B Level (ft³)	890	
f.	Accumulator C Level (ft³)	890	
g.	RHR Hx Outlet Temp (°F) T-606	N/A	
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A	N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0	
b.	Containment Spray pump discharge press A/B	0	0
c.	Containment Temperature (all channels)	100	
d.	Containment Sump Level (wide range) (%)	0	
e.	Containment Level (wide range) (%)	0	

Radiation Monitoring System

PRMS-15 (CPM)	40	OTHERS:
PRMS-19 (CPM)	5	
PRMS-14 (CPM)	Zero	
SPING-4 (uCi/cc)	<10⁻⁷	
DAM-1 (μCi/cc)	See Controller	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a.	Windspeed	10
b.	Wind Direction (From)	270
c.	ΔT	0

Others

Core Exit Thermocouple readings:

(avg.)-excluding peak	528
(Peak)	551

42

PLANT DATA

UNIT PTP 3
DATE 6/17/83
TIME 12:15 PM

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 N43/N44 (%)	N/A	N/A	
		N/A	N/A	
b.	Intermediate Range NI 35/36 (amps)	N/A	N/A	
c.	Source Range NI 31/32 (cps)	800	800	
d.	RCS Flow (Loops A,B,C) (%)	0	0	0
e.	T avg. (loop A)-all channels (°F)	540		
f.	T avg. (loop B)-all channels (°F)	540		
g.	T avg. (loop C)-all channels (°F)	540		
h.	T hot - wide range (loops A,B,C) (°F)	700	545	520
i.	T cold - wide range	358	542	450
j.	RCS Pressure - wide range (psig) (P402/403)	1075		
k.	PZR Pressure - all channels (psig)	1070		
l.	PZR Level - all protection channels (%)	0		
m.	PZR temp liquid/vapor (°F)	N/A	533	
n.	PORV positions (455C/456)	O	C	
o.	PORV line temp (455C/456)	200	124	
p.	Safety line temp (551A/B/C) (°F)	127	124	124
q.	PRT Level (%)	52		
r.	PRT Temp (°F)	170		
s.	PRT Press (psig)	8.3		

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	0		
b.	S/G "B" Level (all narrow ranges) (%)	69		
c.	S/G "C" Level (all narrow ranges) (%)	40		
d.	Wide Range Level - A/B/C (%)	0	92	85
e.	S/G "A" Press (all channels) (psig)	0		
f.	S/G "B" Press (all channels) (psig)	1079		
g.	S/G "C" Press (all channels) (psig)	500		
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0		
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0		
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	8x10⁴		
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	0		
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller		
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	8x10⁴		

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K		
b.	CST Level LI-1544 (%)	95		
c.	Aux Feedflow (S/G A/B/C) (gpm)	0	0	0
d.	Charging Flow FI-122 (gpm)	140		
e.	Letdown Flow FI-150 (gpm)	0		
f.	VCT Level LI-115 (%)	40		
g.	Component CW Flow 613A/B (gpm)	7500	7500	
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110	110	
i.	CCW Supply Header Temp 607 A/B (°F)	100	100	
j.	BAST volume A/B/C (gals)	26 10	3800	3480

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0
b.	HHSI Hot Legs (FI-940) (gpm)	0
c.	LHSI (FI-605) (gpm)	RECIRC
d.	Accumulator A Level (ft³)	890
e.	Accumulator B Level (ft³)	890
f.	Accumulator C Level (ft³)	890
g.	RHR Hx Outlet Temp (°F) T-606	N/A
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0
b.	Containment Spray pump discharge press A/B	0 0
c.	Containment Temperature (all channels)	100
d.	Containment Sump Level (wide range) (%)	0
e.	Containment Level (wide range) (%)	0

Radiation Monitoring System

PRMS-15 (CPM)	90	OTHERS:	
PRMS-19 (CPM)	5		
PRMS-14 (CPM)	3000		
SPING-4 (μCi/cc)	$<10^{-7}$		
DAM-1 (μCi/cc)	See Controller		
CHRRM (R/hr)	0		

Environmental System (Dade County)

a.	Windspeed	10
b.	Wind Direction (From)	270
c.	ΔT	-1.0

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 521
(Peak) 523

43

PLANT DATA

UNIT PTP 3
DATE 6/9/83
TIME 12:30 PM

NOTE:

Reactor Coolant System

a.	Power Range N41/N42 / N43/N44 (%)	N/A / N/A
b.	Intermediate Range NI 35/36 (amps)	N/A / N/A
c.	Source Range NI 31/32 (cps)	750 / 750
d.	RCS Flow (Loops A,B,C) (%)	0 / 0 / 0
e.	T avg. (loop A)-all channels (°F)	540
f.	T avg. (loop B)-all channels (°F)	540
g.	T avg. (loop C)-all channels (°F)	540
h.	T hot - wide range (loops A,B,C) (°F)	690 / 541 / 570
i.	T cold - wide range	358 / 540 / 446
j.	RCS Pressure - wide range (psig) (P402/403)	1060
k.	PZR Pressure - all channels (psig)	1045
l.	PZR Level - all protection channels (%)	2
m.	PZR temp liquid/vapor (°F)	552 / 552
n.	PORV positions (455C/456)	0 / C
o.	PORV line temp (455C/456)	205 / 125
p.	Safety line temp (551A/B/C) (°F)	128 / 125 / 125
q.	PRT Level (%)	53
r.	PRT Temp (°F)	190
s.	PRT Press (psig)	8.5

Secondary Coolant System

a.	S/G "A" Level (all narrow ranges) (%)	0
b.	S/G "B" Level (all narrow ranges) (%)	68
c.	S/G "C" Level (all narrow ranges) (%)	40
d.	Wide Range Level - A/B/C (%)	0 / 92 / 85
e.	S/G "A" Press (all channels) (psig)	0
f.	S/G "B" Press (all channels) (psig)	1060
g.	S/G "C" Press (all channels) (psig)	500
h.	S/G "A" - Feedflow (all channels) (lbm/hr)	0
i.	S/G "B" - Feedflow (all channels) (lbm/hr)	0
j.	S/G "C" - Feedflow (all channels) (lbm/hr)	8X104
k.	S/G "A" - Steam Flow (all channels) (lbm/hr)	0
l.	S/G "B" - Steam Flow (all channels) (lbm/hr)	See Controller
m.	S/G "C" - Steam Flow (all channels) (lbm/hr)	8X104

Auxiliary Systems

a.	RWST Level LI-1545D (gals)	322K
b.	CST Level LI-1544 (%)	95
c.	Aux Feedflow (S/G A/B/C) (gpm)	0 / 0 / 0
d.	Charging Flow FI-122 (gpm)	140
e.	Letdown Flow FI-150 (gpm)	0
f.	VCT Level LI-115 (%)	40
g.	Component CW Flow 613A/B (gpm)	7500 / 7500
h.	CCW Cooler Inlet Temp 610 A/B (°F)	110 / 110
i.	CCW Supply Header Temp 607 A/B (°F)	100 / 100
j.	BAST volume A/B/C (gals)	0505 / 3800 / 3375

Safety Injection System

a.	HHSI Cold Legs (FI-943) (gpm)	0
b.	HHSI Hot Legs (FI-940) (gpm)	0
c.	LHSI (FI-605) (gpm)	RECIRC
d.	Accumulator A Level (ft³)	890
e.	Accumulator B Level (ft³)	890
f.	Accumulator C Level (ft³)	890
g.	RHR Hx Outlet Temp (°F) T-606	N/A
h.	RHR Hx Inlet Temp (°F) T-604 A/B	N/A / N/A

Containment Systems

a.	Containment pressure (all channels) (psig)	0
b.	Containment Spray pump discharge press A/B	0 / 0
c.	Containment Temperature (all channels)	100
d.	Containment Sump Level (wide range) (%)	0
e.	Containment Level (wide range) (%)	0

Radiation Monitoring System

PRMS-15 (CPM)	40	OTHERS:
PRMS-19 (CPM)	5	
PRMS-14 (CPM)	3mrr	
SPING-4 (μCi/cc)	<10⁻⁷	
DAM-1 (μCi/cc)	See Controller	
CHRRM (R/hr)	0	

Environmental System (Dade County)

a.	Windspeed	10
b.	Wind Direction (From)	272
c.	ΔT	-1.2

Others

Core Exit Thermocouple readings:
(avg.)-excluding peak 512
(Peak) 515

5.3

RADIONUCLIDE CONCENTRATIONS FOR RCS AND S/G "B"

TIME: 10:00a to 10:14a

RADIONUCLIDE CONCENTRATIONS

FOR RCS

ISOTOPE	COOLANT CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES	
Xe-131m	67.88
Xe-133	26636.00
Xe-133m	632.72
Xe-135	23459.30
Xe-135m	570.51
Xe-138	1397.17
Kr-83m	1456.84
Kr-85	1052.31
Kr-85m	4474.45
Kr-87	6007.15
Kr-88	11241.60
DEGASIFIED SAMPLE	
I-131	5864.44
I-132	6439.35
I-133	13107.60
I-134	7364.08
I-135	11300.10
Br-80	0.00
Br-81m	13.96
Br-83	797.54
Br-84	539.57
Cs-135	2620.85
Cs-134	1948.42
Cs-137	2507.67
Sr-89	1924.14
Sr-91	2194.36
Sr-92	1676.44
Sr-93	22.13
Ba-140	2542.69

A 10 CC SAMPLE CONTAINS 1.3786 CURIES AND

READS APPROXIMATELY 8.272 R/HR AT ONE FOOT FROM THE SAMPLE.

TIME: 10:15a to 10:29a

RADIONUCLIDE CONCENTRATIONS
FOR RCS

ISOTOPE	COOLANT CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES	
Xe-131m	67.84
Xe-133	26598.70
Xe-133m	630.74
Xe-135	23021.60
Xe-135m	293.01
Xe-138	664.24
Kr-83m	1327.27
Kr-85	1122.46
Kr-85m	4301.68
Kr-87	5241.11
Kr-88	10567.10
DEGASIFIED SAMPLE	
I-131	5859.35
I-132	5968.18
I-133	12999.80
I-134	6034.40
I-135	11011.60
Br-80	0.00
Br-81m	13.43
Br-83	741.99
Br-84	389.12
Cs-135	2620.85
Cs-134	1948.42
Cs-137	2507.67
Sr-89	1923.33
Sr-91	2155.51
Sr-92	1572.24
Sr-93	6.42
Ba-140	2540.80

A 10 CC SAMPLE CONTAINS 1.3213 CURIES AND

READS APPROXIMATELY 7.928 R/HR AT ONE FOOT FROM THE SAMPLE.

TIME: 10:30a to 10:44a

RADIONUCLIDE CONCENTRATIONS FOR RCS

ISOTOPE	COOLANT CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES	
Xe-131m	67.80
Xe-133	26562.60
Xe-133m	628.76
Xe-135	22592.20
Xe-135m	150.48
Xe-138	315.79
Kr-83m	1209.22
Kr-85	1087.39
Kr-85m	4135.59
Kr-87	4572.76
Kr-88	9933.10
DEGASIFIED SAMPLE	
I-131	5853.87
I-132	5531.48
I-133	12893.10
I-134	4944.81
I-135	10730.50
Br-80	0.00
Br-81m	12.92
Br-83	690.32
Br-84	280.62
Cs-135	2620.85
Cs-134	1948.42
Cs-137	2507.67
Sr-89	1924.14
Sr-91	2117.36
Sr-92	1474.53
Ba-140	2539.73

A 10 CC SAMPLE CONTAINS 1.2733 CURIES AND

READS APPROXIMATELY 7.640 R/HR AT ONE FOOT FROM THE SAMPLE.

TIME: 10:45a to 10:59a

RADIONUCLIDE CONCENTRATIONS

FOR RCS

ISOTOPE	COOLANT CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES	
Xe-131m	67.76
Xe-133	26526.40
Xe-133m	626.80
Xe-135	22170.60
Xe-135m	77.28
Xe-138	150.13
Kr-83m	1101.68
Kr-85	1052.31
Kr-85m	3975.92
Kr-87	3989.63
Kr-88	9337.11
DEGASIFIED SAMPLE	
I-131	5848.79
I-132	5126.72
I-133	12787.20
I-134	4051.96
I-135	10456.60
Br-80	0.00
Br-81m	12.44
Br-83	642.24
Br-84	202.37
Cs-135	2620.85
Cs-134	1948.42
Cs-137	2507.67
Sr-89	1923.33
Sr-91	2079.87
Sr-92	1382.88
Ba-140	2538.38

A 10 CC SAMPLE CONTAINS 1.2321 CURIES AND

READS APPROXIMATELY 7.392 R/HR AT ONE FOOT FROM THE SAMPLE.

TIME: 11:00a to 11:14a

RADIONUCLIDE CONCENTRATIONS

FOR RCS

ISOTOPE	COOLANT CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES	
Xe-131m	67.72
Xe-133	26490.30
Xe-133m	624.83
Xe-135	21757.10
Xe-135m	39.69
Xe-138	71.38
Kr-83m	1003.69
Kr-85	1087.39
Kr-85m	3822.41
Kr-87	3480.87
Kr-88	8776.89
DEGASIFIED SAMPLE	
I-131	5843.31
I-132	4751.60
I-133	12682.20
I-134	3320.33
I-135	10189.60
Br-80	0.00
Br-81m	11.97
Br-83	597.51
Br-84	145.94
Cs-135	2620.85
Cs-134	1948.42
Cs-137	2507.67
Sr-89	1922.53
Sr-91	2043.06
Sr-92	1296.94
Ba-140	2536.77

A 10 CC SAMPLE CONTAINS 1.1964 CURIES AND

READS APPROXIMATELY 7.178 R/HR AT ONE FOOT FROM THE SAMPLE.

TIME: 11:15a to 11:29a

RADIONUCLIDE CONCENTRATIONS

FOR RCS

ISOTOPE	COOLANT CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES	
Xe-131m	67.68
Xe-133	26454.20
Xe-133m	622.87
Xe-135	21351.20
Xe-135m	20.39
Kr-83m	914.43
Kr-85	1087.39
Kr-85m	3674.83
Kr-87	3036.98
Kr-88	8250.27
DEGASIFIED SAMPLE	
I-131	5838.23
I-132	4403.91
I-133	12578.00
I-134	2720.80
I-135	9929.53
Br-80	0.00
Br-81m	11.51
Br-83	555.90
Br-84	105.25
Cs-135	2620.85
Cs-134	1948.42
Cs-137	2507.67
Sr-89	1922.53
Sr-91	2006.89
Sr-92	1216.33
Ba-140	2535.15

A 10 CC SAMPLE CONTAINS 1.1638 CURIES AND

READS APPROXIMATELY 6.983 R/HR AT ONE FOOT FROM THE SAMPLE.

TIME: 11:30a to 11:44a

RADIONUCLIDE CONCENTRATIONS

FOR RCS

ISOTOPE	COOLANT CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES	
Xe-131m	67.63
Xe-133	26416.90
Xe-133m	620.93
Xe-135	20952.80
Xe-135m	10.47
Kr-83m	833.10
Kr-85	1087.39
Kr-85m	3532.94
Kr-87	2649.70
Kr-88	7755.27
DEGASIFIED SAMPLE	
I-131	5833.14
I-132	4081.67
I-133	12474.50
I-134	2229.52
I-135	9676.09
Br-80	0.00
Br-81m	11.08
Br-83	517.19
Br-84	75.90
Cs-135	2620.85
Cs-134	1948.42
Cs-137	2507.67
Sr-89	1923.33
Sr-91	1971.36
Sr-92	1140.73
Ba-140	2534.07

A 10 CC SAMPLE CONTAINS 1.1347 CURIES

AND READS APPROXIMATELY 6.808 R/HR AT ONE FOOT FROM THE SAMPLE.

TIME: 11:45a to 11:59a

RADIONUCLIDE CONCENTRATIONS FOR RCS

ISOTOPE	COOLANT CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES	
Xe-131m	67.60
Xe-133	26382.00
Xe-133m	618.96
Xe-135	20562.10
Kr-83m	759.00
Kr-85	1122.46
Kr-85m	3396.54
Kr-87	2311.81
Kr-88	7289.94
DEGASIFIED SAMPLE	
I-131	5827.67
I-132	3783.01
I-133	12372.10
I-134	1826.95
I-135	9429.04
Br-80	0.00
Br-81m	10.66
Br-83	481.17
Br-84	54.74
Cs-135	2620.85
Cs-134	1948.42
Cs-137	2507.67
Sr-89	1921.72
Sr-91	1936.47
Sr-92	1069.83
Ba-140	2532.46

A 10 CC SAMPLE CONTAINS 1.1083 CURIES AND

READS APPROXIMATELY 6.650 R/HR AT ONE FOOT FROM THE SAMPLE.

TIME: 12:00N to 12:14

RADIONUCLIDE CONCENTRATIONS

FOR RCS

ISOTOPE	COOLANT CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES	
Xe-131m	67.56
Xe-133	26345.80
Xe-133m	617.05
Xe-135	20178.40
Kr-83m	691.50
Kr-85	1052.31
Kr-85m	3265.40
Kr-87	2017.00
Kr-88	6852.56
DEGASIFIED SAMPLE	
I-131	5822.58
I-132	3506.21
I-133	12270.50
I-134	1497.07
I-135	9188.40
Br-81m	10.26
Br-83	447.66
Br-84	39.48
Cs-135	2620.85
Cs-134	1948.42
Cs-137	2507.67
Sr-89	1921.72
Sr-91	1902.18
Sr-92	1003.34
Ba-140	2530.84

A 10 CC SAMPLE CONTAINS 1.0830 CURIES AND

READS APPROXIMATELY 6.498 R/HR AT ONE FOOT FROM THE SAMPLE.

TIME: 12:15p to 12:45p

RADIONUCLIDE CONCENTRATIONS

FOR S/G "B"

ISOTOPE	COOLANT CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES	
Xe-131m	67.51
Xe-133	26308.60
Xe-133m	615.10
Xe-135	19802.00
Kr-83m	630.00
Kr-85	1087.39
Kr-85m	3139.32
Kr-87	1759.79
Kr-88	6441.41
DEGASIFIED SAMPLE	
I-131	5817.89
I-132	3249.64
I-133	12169.60
I-134	1226.76
I-135	8953.80
Br-81m	9.87
Br-83	416.48
Br-84	28.47
Cs-135	2620.85
Cs-134	1948.42
Cs-137	2507.67
Sr-89	1921.72
Sr-91	1868.51
Sr-92	940.98
Ba-140	2529.76

A 10 CC SAMPLE CONTAINS 1.0606 CURIES AND

READS APPROXIMATELY 6.364 R/HR AT ONE FOOT FROM THE SAMPLE.

TIME: 10:00a to 10:14a

RADIONUCLIDE CONCENTRATIONS

FOR S/G "B"

ESTIMATE OF FISSION PRODUCT CONCENTRATIONS IN THE SECONDARY COOLANT

ISOTOPE	SECONDARY CONCENTRATION (MICROCURIES/CC)	STEAM CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES		
Xe-131m	2.67	0.16
Xe-133	1045.92	61.52
Xe-133m	24.68	1.45
Xe-135	861.55	50.68
Xe-135m	1.78	0.10
Xe-137	0.00	0.00
Xe-138	3.26	0.19
Kr-83m	40.25	2.37
Kr-85	40.30	2.37
Kr-85m	151.89	8.93
Kr-87	140.67	8.27
Kr-88	350.10	20.59
Kr-89	0.00	0.00
DEGASIFIED SAMPLE		
I-131	230.69	0.14
I-132	190.00	0.11
I-133	501.30	0.29
I-134	135.71	0.08
I-135	403.97	0.24
Br-80	0.00	0.00
Br-81m	0.48	0.00
Br-83	23.88	0.01
Br-84	6.11	0.00
Br-84m	0.00	0.00
Br-85	0.00	0.00
Cs-135	103.45	0.03
Cs-134	77.16	0.02
Cs-137	99.27	0.03
Sr-89	75.91	0.02
Sr-91	80.89	0.02
Sr-92	51.75	0.02
Sr-93	0.01	0.00
Ba-140	100.16	0.03

A 10 CC SECONDARY SIDE LIQUID SAMPLE CONTAINS 0.0474 CURIES AND READS APPROXIMATELY 0.285 R/HR AT ONE FOOT FROM THE SAMPLE.

A 10 CC STEAM SAMPLE CONTAINS 0.0016 CURIES AND READS APPROXIMATELY 0.009 R/HR AT ONE FOOT FROM THE SAMPLE.

TIME: 10:15a to 10:29.

RADIONUCLIDE CONCENTRATIONS

FOR S/G "B"

ESTIMATE OF FISSION PRODUCT CONCENTRATIONS IN THE SECONDARY COOLANT

ISOTOPE	SECONDARY CONCENTRATION (MICROCURIES/CC)	STEAM CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES		
Xe-131m	5.24	0.31
Xe-133	2047.64	120.45
Xe-133m	48.23	2.84
Xe-135	1657.24	97.48
Xe-135m	2.18	0.13
Xe-137	0.00	0.00
Xe-138	3.87	0.23
Kr-83m	72.08	4.24
Kr-85	84.56	4.97
Kr-85m	286.28	16.84
Kr-87	242.20	14.25
Kr-88	645.64	37.98
Kr-89	0.00	0.00
DEGASIFIED SAMPLE		
I-131	451.88	0.27
I-132	345.71	0.20
I-133	974.61	0.57
I-134	221.48	0.13
I-135	771.64	0.45
Br-80	0.00	0.00
Br-81m	0.90	0.00
Br-83	43.60	0.03
Br-84	9.05	0.01
Br-84m	0.00	0.00
Br-85	0.00	0.00
Cs-135	202.83	0.06
Cs-134	150.32	0.04
Cs-137	194.62	0.06
Sr-89	148.76	0.04
Sr-91	155.75	0.05
Sr-92	95.23	0.03
Sr-93	0.01	0.00
Ba-140	196.22	0.06

A 10 CC SECONDARY SIDE LIQUID SAMPLE CONTAINS 0.0906 CURIES AND READS APPROXIMATELY 0.543 R/HR AT ONE FOOT FROM THE SAMPLE.

A 10 CC STEAM SAMPLE CONTAINS 0.0030 CURIES AND READS APPROXIMATELY 0.018 R/HR AT ONE FOOT FROM THE SAMPLE.

TIME: 10:30ato 10:44a

RADIONUCLIDE CONCENTRATIONS

FOR S/G "B"

ESTIMATE OF FISSION PRODUCT CONCENTRATIONS IN THE SECONDARY COOLANT

ISOTOPE	SECONDARY CONCENTRATION (MICROCURIES/CC)	STEAM CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES		
Xe-131m	7.70	0.45
Xe-133	3006.97	176.88
Xe-133m	70.69	4.16
Xe-135	2390.86	140.64
Xe-135m	2.22	0.13
Xe-137	0.00	0.00
Xe-138	3.89	0.23
Kr-83m	96.96	5.70
Kr-85	124.26	7.31
Kr-85m	404.73	23.81
Kr-87	314.15	18.48
Kr-88	893.49	52.56
Kr-89	0.00	0.00
DEGASIFIED SAMPLE		
I-131	663.91	0.39
I-132	472.26	0.28
I-133	1421.16	0.84
I-134	273.93	0.16
I-135	1105.45	0.65
Br-80	0.00	0.00
Br-81m	1.27	0.00
Br-83	59.77	0.04
Br-84	10.34	0.01
Br-84m	0.00	0.00
Br-85	0.00	0.00
Cs-135	298.27	0.09
Cs-134	221.54	0.07
Cs-137	286.21	0.08
Sr-89	218.80	0.06
Sr-91	224.91	0.07
Sr-92	131.51	0.04
Sr-93	0.01	0.00
Ba-140	288.40	0.08

A 10 CC SECONDARY SIDE LIQUID SAMPLE CONTAINS 0.1299 CURIES AND READS APPROXIMATELY 0.780 R/HR AT ONE FOOT FROM THE SAMPLE.

A 10 CC STEAM SAMPLE CONTAINS 0.0043 CURIES AND READS APPROXIMATELY 0.026 R/HR AT ONE FOOT FROM THE SAMPLE.

TIME: 10:45a to 10:59a

RADIONUCLIDE CONCENTRATIONS

FOR S/G "B"

ESTIMATE OF FISSION PRODUCT CONCENTRATIONS IN THE SECONDARY COOLANT

ISOTOPE	SECONDARY CONCENTRATION (MICROCURIES/CC)	STEAM CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES		
Xe-131m	10.06	0.59
Xe-133	3925.62	230.92
Xe-133m	92.12	5.42
Xe-135	3065.97	180.35
Xe-135m	2.17	0.13
Xe-137	0.00	0.00
Xe-138	3.77	0.22
Kr-83m	116.16	6.83
Kr-85	159.65	9.39
Kr-85m	508.68	29.92
Kr-87	363.80	21.40
Kr-88	1099.75	64.69
Kr-89	0.00	0.00
DEGASIFIED SAMPLE		
I-131	867.17	0.51
I-132	574.06	0.34
I-133	1842.15	1.08
I-134	304.21	0.18
I-135	1407.73	0.83
Br-80	0.00	0.00
Br-81m	1.60	0.00
Br-83	72.89	0.04
Br-84	10.79	0.01
Br-84m	0.00	0.00
Br-85	0.00	0.00
Cs-135	976.99	0.29
Cs-134	289.48	0.09
Cs-137	374.19	0.11
Sr-89	286.02	0.08
Sr-91	288.70	0.08
Sr-92	161.54	0.05
Sr-93	0.01	0.00
Ba-140	376.83	0.11

A 10 CC SECONDARY SIDE LIQUID SAMPLE CONTAINS 0.1718 CURIES AND READS APPROXIMATELY 1.031 R/HR AT ONE FOOT FROM THE SAMPLE.

A 10 CC STEAM SAMPLE CONTAINS 0.0055 CURIES AND READS APPROXIMATELY 0.033 R/HR AT ONE FOOT FROM THE SAMPLE.

TIME: 11:00a to 11:14a

RADIONUCLIDE CONCENTRATIONS

FOR S/G "B"

ESTIMATE OF FISSION PRODUCT CONCENTRATIONS IN THE SECONDARY COOLANT

ISOTOPE	SECONDARY CONCENTRATION (MICROCURIES/CC)	STEAM CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES		
Xe-131m	12.32	0.72
Xe-133	4805.18	282.66
Xe-133m	112.55	6.62
Xe-135	3686.01	216.82
Xe-135m	2.09	0.12
Xe-137	0.00	0.00
Xe-138	3.63	0.21
Kr-83m	130.68	7.69
Kr-85	196.38	11.55
Kr-85m	599.45	35.26
Kr-87	396.67	23.33
Kr-88	1269.75	74.69
Kr-89	0.00	0.00
DEGASIFIED SAMPLE		
I-131	1061.97	0.62
I-132	654.85	0.39
I-133	2238.72	1.32
I-134	319.79	0.19
I-135	1680.65	0.99
Br-80	0.00	0.00
Br-81m	1.88	0.00
Br-83	83.42	0.05
Br-84	10.82	0.01
Br-84m	0.00	0.00
Br-85	0.00	0.00
Cs-135	1041.88	0.31
Cs-134	355.21	0.10
Cs-137	458.69	0.13
Sr-89	350.51	0.10
Sr-91	347.42	0.10
Sr-92	186.13	0.05
Sr-93	0.01	0.00
Ba-140	461.65	0.14

A 10 CC SECONDARY SIDE LIQUID SAMPLE CONTAINS 0.2047 CURIES AND READS APPROXIMATELY 1.228 R/HR AT ONE FOOT FROM THE SAMPLE.

A 10 CC STEAM SAMPLE CONTAINS 0.0066 CURIES AND READS APPROXIMATELY 0.040 R/HR AT ONE FOOT FROM THE SAMPLE.

TIME: 11:15a to 11:29a

RADIONUCLIDE CONCENTRATIONS

FOR S/G "B"

ESTIMATE OF FISSION PRODUCT CONCENTRATIONS IN THE SECONDARY COOLANT

ISOTOPE	SECONDARY CONCENTRATION (MICROCURIES/CC)	STEAM CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES		
Xe-131m	14.49	0.85
Xe-133	5647.20	332.19
Xe-133m	132.02	7.77
Xe-135	4254.17	250.25
Xe-135m	2.01	0.12
Xe-137	0.00	0.00
Xe-138	3.49	0.21
Kr-83m	141.38	8.32
Kr-85	231.66	13.63
Kr-85m	678.24	39.90
Kr-87	416.97	24.53
Kr-88	1408.20	82.84
Kr-89	0.00	0.00
DEGASIFIED SAMPLE		
I-131	1248.69	0.73
I-132	717.87	0.42
I-133	2611.96	1.54
I-134	325.69	0.19
I-135	1926.23	1.13
Br-80	0.00	0.00
Br-81m	2.13	0.00
Br-83	91.73	0.05
Br-84	10.62	0.01
Br-84m	0.00	0.00
Br-85	0.00	0.00
Cs-135	1104.21	0.32
Cs-134	418.35	0.12
Cs-137	539.85	0.16
Sr-89	412.46	0.12
Sr-91	401.37	0.12
Sr-92	206.03	0.06
Sr-93	0.01	0.00
Ba-140	543.00	0.16

A 10 CC SECONDARY SIDE LIQUID SAMPLE CONTAINS 0.2349 CURIES AND READS APPROXIMATELY 1.409 R/HR AT ONE FOOT FROM THE SAMPLE.

A 10 CC STEAM SAMPLE CONTAINS 0.0077 CURIES AND READS APPROXIMATELY 0.046 R/HR AT ONE FOOT FROM THE SAMPLE.

TIME: 11:30a to 11:44a

RADIONUCLIDE CONCENTRATIONS

FOR S/G "B"

ESTIMATE OF FISSION PRODUCT CONCENTRATIONS IN THE SECONDARY COOLANT

ISOTOPE	SECONDARY CONCENTRATION (MICROCURIES/CC)	STEAM CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES		
Xe-131m	16.57	0.97
Xe-133	6453.07	379.59
Xe-133m	150.57	8.86
Xe-135	4773.52	280.80
Xe-135m	1.93	0.11
Xe-137	0.00	0.00
Xe-138	3.35	0.20
Kr-83m	148.96	8.76
Kr-85	265.55	15.62
Kr-85m	746.16	43.89
Kr-87	427.88	25.17
Kr-88	1519.24	89.37
Kr-89	0.00	0.00
DEGASIFIED SAMPLE		
I-131	1427.64	0.84
I-132	765.87	0.45
I-133	2962.90	1.74
I-134	325.27	0.19
I-135	2146.40	1.26
Br-80	0.00	0.00
Br-81m	2.35	0.00
Br-83	98.15	0.06
Br-84	10.32	0.01
Br-84m	0.00	0.00
Br-85	0.00	0.00
Cs-135	1164.08	0.34
Cs-134	478.52	0.14
Cs-137	617.81	0.18
Sr-89	472.03	0.14
Sr-91	450.81	0.13
Sr-92	221.86	0.07
Sr-93	0.01	0.00
Ba-140	621.04	0.18

A 10 CC SECONDARY SIDE LIQUID SAMPLE CONTAINS 0.2627 CURIES AND READS APPROXIMATELY 1.576 R/HR AT ONE FOOT FROM THE SAMPLE.

A 10 CC STEAM SAMPLE CONTAINS 0.0086 CURIES AND READS APPROXIMATELY 0.052 R/HR AT ONE FOOT FROM THE SAMPLE.

TIME: 11:45a to 12:45

RADIONUCLIDE CONCENTRATIONS

FOR S/G "B"

ESTIMATE OF FISSION PRODUCT CONCENTRATIONS IN THE SECONDARY COOLANT

ISOTOPE	SECONDARY CONCENTRATION (MICROCURIES/CC)	STEAM CONCENTRATION (MICROCURIES/CC)
DISSOLVED GASES		
Xe-131m	18.57	1.09
Xe-133	7224.42	424.97
Xe-133m	168.24	9.90
Xe-135	5246.98	308.65
Xe-135m	1.85	0.11
Xe-137	0.00	0.00
Xe-138	3.22	0.19
Kr-83m	154.01	9.06
Kr-85	300.92	17.70
Kr-85m	804.23	47.31
Kr-87	431.82	25.40
Kr-88	1606.49	94.50
Kr-89	0.00	0.00
DEGASIFIED SAMPLE		
I-131	1599.09	0.94
I-132	801.21	0.47
I-133	3292.56	1.94
I-134	320.79	0.19
I-135	2342.94	1.38
Br-80	0.00	0.00
Br-81m	2.53	0.00
Br-83	102.96	0.06
Br-84	9.98	0.01
Br-84m	0.00	0.00
Br-85	0.00	0.00
Cs-135	1221.58	0.36
Cs-134	536.31	0.16
Cs-137	692.70	0.20
Sr-89	529.12	0.16
Sr-91	496.00	0.15
Sr-92	234.18	0.07
Sr-93	0.01	0.00
Ba-140	695.88	0.20

A 10 CC SECONDARY SIDE LIQUID SAMPLE CONTAINS 0.2884 CURIES AND READS APPROXIMATELY 1.730 R/HR AT ONE FOOT FROM THE SAMPLE.

A 10 CC STEAM SAMPLE CONTAINS 0.0095 CURIES AND READS APPROXIMATELY 0.057 R/HR AT ONE FOOT FROM THE SAMPLE.

5.4

CONTROLLER MESSAGES

MESSAGE NO. 0

TO: NPS

FROM: Control Room Controller

LOCATION: Control Room

TIME: 5:45 a.m.

MESSAGE: Initial Conditions

THIS IS A DRILL

Exercise commences. Initial conditions are:

Unit 3 @ 100%. Charging Pump "C" is out of service for pump shaft repacking; repairs are expected to be complete by 12:00 noon. Charging Pump "B" is out of service and will be for another 12 hours for pump motor overhaul. HHSI pump 4A is declared inoperable due to ongoing repairs to replace a section of the pump discharge piping. Unit 4 has just completed refueling and is undergoing startup testing.

THIS IS A DRILL

MESSAGE NO. 1

TO: Control Room

FROM: Control Room Controller

LOCATION: Control Room

TIME: 6:20 a.m.

MESSAGE:

THIS IS A DRILL

Results of RCS inventory balance indicate a 0.4 gpm unidentified leak.

THIS IS A DRILL

MESSAGE NO. 2

TO: Radio-chemistry Lab

FROM: Local Controller

LOCATION: Local

TIME: 6:25 a.m.

MESSAGE:

THIS IS A DRILL

S/G sampling and analysis indicate a leak of about 0.25 gpm from the RCS into "B" S/G. S/G's "A" & "C" are unaffected.

THIS IS A DRILL

MESSAGE NO. 3

TO: Maintenance Crew Member Exiting the Charging Pump Area

FROM: First Aid Team Controller

LOCATION: Outside the Charging Pump Area

TIME: 6:30 a.m.

MESSAGE: Instruct the Maintenance Crew Member that he is the victim of an accident with the following description.

THIS IS A DRILL

After you have exited the charging pump repair area, you slip and fall forward. Your face hit the floor and you sustain lacerations of the face. Your right cheek bone also hit the edge of nearby equipment and there is a severe cut and bleeding near the corner of your right eye. You are temporarily dazed but recover sufficently to call out for help.

THIS IS A DRILL

MESSAGE NO. 4

TO: Maintenance Crew Member near the charging pump area

FROM: First Aid Team Controller

LOCATION: Outside the charging pump area

TIME: 6:31 a.m.

MESSAGE: Instruct a maintenance crew member nearby to investigate the call for help.

THIS IS A DRILL

You have discovered that mechanic John Doe has fallen and hurt himself. He is bleeding profusely from the face (near his right eye) and appears to be dazed.

THIS IS A DRILL

MESSAGE NO. 5

TO: First Aid Team

FROM: First Aid Team Controller

LOCATION: At the victim

TIME: Approximately 6:40 a.m.

MESSAGE:

THIS IS A DRILL

Conditions of the victim are:

Contusions of the forehead with facial lacerations. Severe cut near the right eye that extends 2 inches from the corner of the eye to the lower cheekbone area. The cut is about 1/4" deep and 1/8" wide. Bleeding was profuse but is under control. The right eye appears to be contaminated with dirt. Victim is alert and complains of severe headaches and something in his right eye. Victim vital signs: Pulse - 70, breathing - normal, BP = 130/83. Contamination levels (with clothing removed): body - 2000 cpm, face - 29000 cpm, eye wound - 25000 cpm.

THIS IS A DRILL

MESSAGE NO. 5a

TO: NPS

FROM: Control Room Controller

LOCATION: Control Room

TIME: 7:00 a.m.

MESSAGE:

THIS IS A DRILL

System Dispatcher notifies PTP that a Tornado Warning has been issued for the PTP area effective until 10:00 a.m.

THIS IS A DRILL

MESSAGE NO. 6

TO: Security

FROM: Local Controller

LOCATION: Near cooling canal

TIME: 7:55 a.m.

MESSAGE:

THIS IS A DRILL

A loud, continuing roar like that from an approaching train emanates from the cooling canal area. A thin funnel shaped cloud with flying debris is sighted in the cooling canal area and is headed out toward the water.

THIS IS A DRILL

MESSAGE NO. 7

TO: Control Room

FROM: Fire Team Controller

LOCATION: Safety Injection Room Area

TIME: 8:15 a.m.

MESSAGE:

THIS IS A DRILL

A fire has started from welding sparks in the Unit 4 Safety Injection Room.

THIS IS A DRILL

MESSAGE NO. 8

TO: Fire Brigade

FROM: Fire Team Controller

LOCATION: Safety Injection Room Area

TIME: Approximately 8:25 a.m.

MESSAGE:

THIS IS A DRILL

The fire has spread to the Unit 3 Safety Injection Room. The fire is localized to the pumps and the floors where leaking oil is fueling the fire.

THIS IS A DRILL

MESSAGE NO. 9

TO: Fire Brigade

FROM: Fire Team Controller

LOCATION: Safety Injection Room

TIME: 8:40 a.m.

MESSAGE:

THIS IS A DRILL

The fire is totally extinguished.

THIS IS A DRILL

MESSAGE NO. 10

TO: Damage Control Team

FROM: Fire Team Controller

LOCATION: Safety Injection Room

TIME: 8:45 a.m.

MESSAGE:

THIS IS A DRILL

All 4 SI pumps sustain external fire damage only but all the motors are slightly charred and are quite wet. Some power cables are also exposed and burned.

THIS IS A DRILL

MESSAGE NO. 11

O: Control Room Operator

ROM: Control Room Controller

OCATION: Control Room

TIME: 9:10 a.m.

MESSAGE:

THIS IS A DRILL

With the reactor at 90% power, level channel 476 for S/G "A" fails high resulting in the automatic closure of the main feed control valve for S/G "A". Manual actions to switch control channels and place control back to "manual" are not successful as "A" S/G level falls rapidly. The Reactor trips and the auxiliary feed system initiates when S/G "A" level falls to 15%. The turbine and generator trip immediately from the Rx trip.

THIS IS A DRILL

MESSAGE NO. 12

TO: Control Room Operator

FROM: Control Room Controller

LOCATION: Control Room

TIME: 9:25 a.m.

MESSAGE:

THIS IS A DRILL

S/G "B" pressure indicates about 1090 psig and flow indication is also observed. Audible noise indicates steam is being relieved through one secondary code safety valve for S/G "B".

THIS IS A DRILL

MESSAGE NO. 13

TO: Security

FROM: Local Controller

LOCATION: Southgate Guard Station

TIME: 9:25 a.m.

MESSAGE:

THIS IS A DRILL

A waterspout moves onshore from the Southeast. It destroys the security fence and is headed toward the administration building and the turbine decks. The tornado has a narrow path of about 100 ft and is heading right between the Unit 3 & 4 containments and the turbine decks.

THIS IS A DRILL

MESSAGE NO. 14

TO: Damage Control Team

FROM: Local or OSC Controller

LOCATION: Turbine Decks

TIME: 9:45 a.m.

MESSAGE:

THIS IS A DRILL

Travel is hazardous throughout the various turbine decks. Damage is extensive to equipment on the turbine decks and the turbine deck structure. Both Units 3 & 4 turbine generators and Reheater Moisture Separators are destroyed. On the lower elevations, damage is less severe. Unit 3 Aux Feed Pumps are totally destroyed by tornado-generated missles. Condensate and Main Feed Systems appear to have sustained minor damage. Access to the MFW piping (Flow Control Valves) is prohibited by obstructions caused by storm damage. It will take about an hour to reach the MFW flow control valves.

THIS IS A DRILL

MESSAGE NO. 14a

TO: NPS

FROM: Control Room Controller

LOCATION: Control Room

TIME: 10:30 a.m.

MESSAGE:

THIS IS A DRILL

System Dispatcher notifies PTP that the Tornado Warning has been cancelled.

THIS IS A DRILL

MESSAGE NO. 15

TO: Damage Control Team and Turbine Operator

FROM: Local or OSC Controller

LOCATION: MFW Control Valve Area

TIME: 10:35 a.m.

MESSAGE:

THIS IS A DRILL

The bypass valve for S/G "C" appears to be undamaged. All other valves could not be operated due to damage to the valve operators.

THIS IS A DRILL

MESSAGE NO. 16

)o: Charging Pump Maintenance Crew

ROM: Local or OSC Controller

.OCATION: Charging Pumps

'IME: 11:30 a.m.

MESSAGE:

THIS IS A DRILL

Repairs (pump shaft repacking) for "C" charging pump are complete.

THIS IS A DRILL

MESSAGE NO. 17

TO: All Drill Participants

FROM: Lead Controller

LOCATION: All

TIME: 12:45 p.m.

MESSAGE:

THIS IS A DRILL

Exercise is terminated.

THIS IS A DRILL

CONTINGENCY MESSAGE NO. A

TO: NPS

FROM: Control Room Controller

LOCATION: Control Room

TIME: 6:00 a.m.

MESSAGE:

THIS IS A DRILL

Request a S/G sampling and analysis, and a RCS inventory balance.

THIS IS A DRILL

CONTINGENCY MESSAGE NO. B

TO: First Aid Team Leader

FROM: First Aid Team Controller

LOCATION: Ambulance Location

TIME: Upon ambulance departure

MESSAGE: Give this message only if the NPS was not informed after ambulance departure

---

THIS IS A DRILL

Inform the NPS of ambulance departure.

THIS IS A DRILL

CONTINGENCY MESSAGE NO. C

TO: NPS

FROM: Control Room Controller

LOCATION: Control Room

TIME: After NPS has been notified of ambulance departure

MESSAGE: Give this message if NPS does not declare an UNUSUAL EVENT.

THIS IS A DRILL

Declare an UNUSUAL EVENT after the ambulance has departed PTP.

THIS IS A DRILL

CONTINGENCY MESSAGE NO. D

TO: NPS

FROM: Control Room Controller

LOCATION: Control Room

TIME: After the NPS has been notified of a tornado touching down in PTP

MESSAGE: Give this message if the NPS does not declare another UNUSUAL EVENT.

THIS IS A DRILL

Declare an UNUSUAL EVENT.

THIS IS A DRILL

CONTINGENCY MESSAGE NO. E

O: NPS

'ROM: Control Room Controller

.OCATION: Control Room

TIME: After NPS has learned that all 4 SI pumps are inoperable.

MESSAGE: Give this message only if the NPS does not declare a SITE EMERGENCY.

THIS IS A DRILL

Declare a SITE EMERGENCY and commence unit shutdown per T.S. 3.0.1.

THIS IS A DRILL

CONTINGENCY MESSAGE NO. F

TO: Emergency Coordinator

FROM: Lead Controller

LOCATION: Control Room or TSC

TIME: After does projections indicate a greater than 5 R/hr thyroid dose at the site boundary.

MESSAGE: Give this message only if a GENERAL EMERGENCY has not been declared.

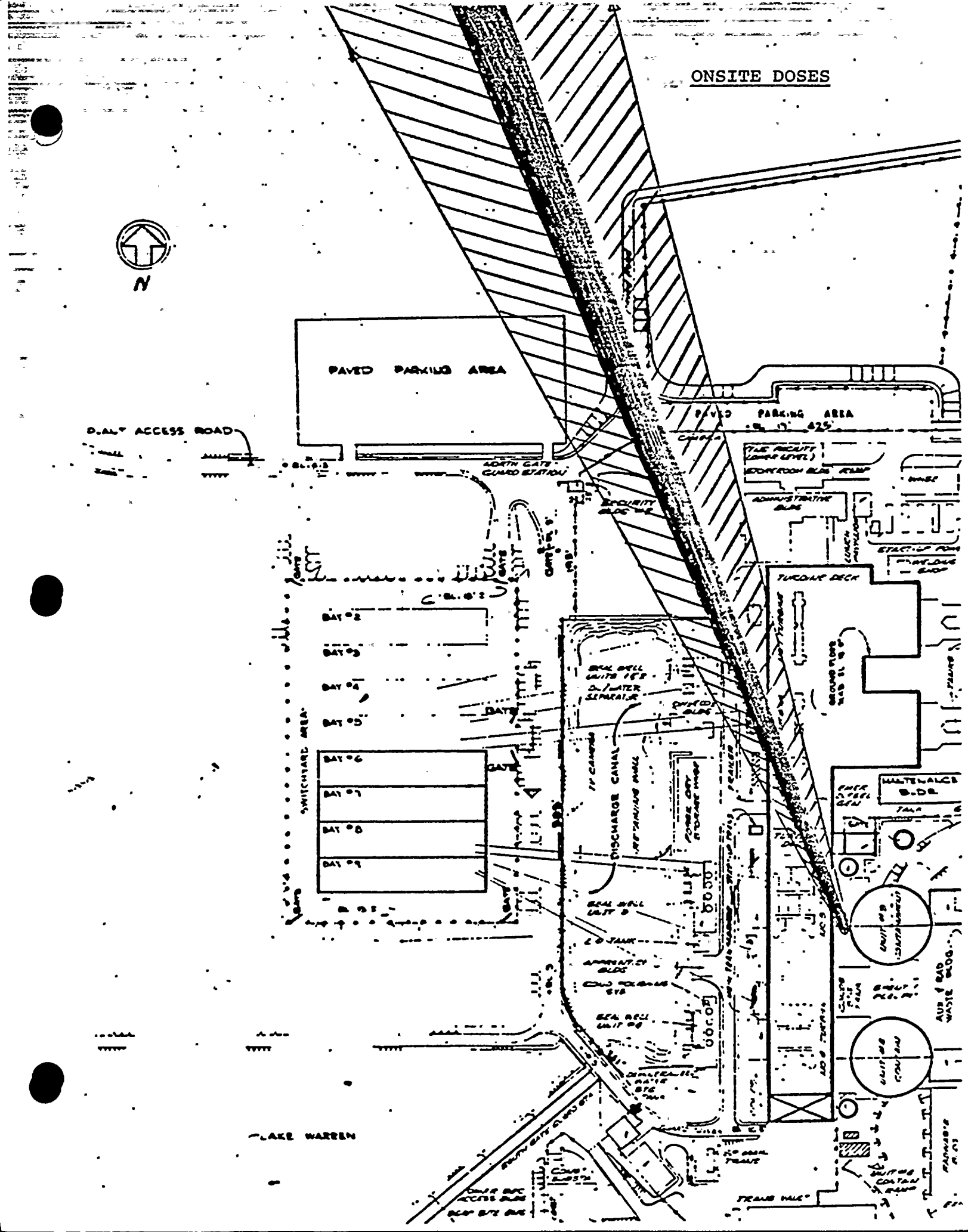
THIS IS A DRILL

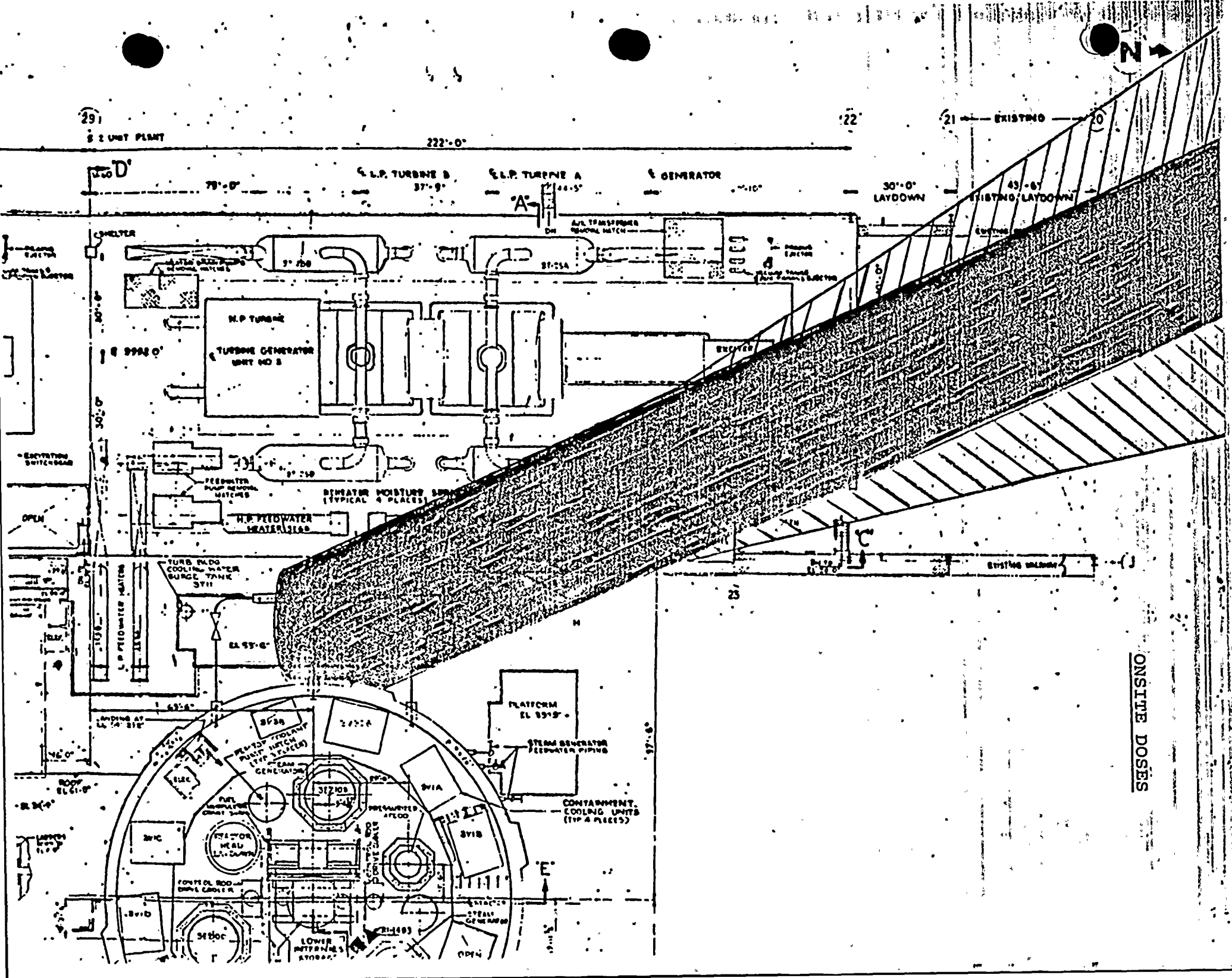
Declare a GENERAL EMERGENCY.

THIS IS A DRILL

5.5

ONSITE DOSES


ONSITE DOSES
N
PAVED PARKING AREA
PLANT ACCESS ROAD
NORTH GATE GUARD STATION
SWITCHYARD AREA
BAY #2
BAY #3
BAY #4
BAY #5
BAY #6
BAY #7
BAY #8
BAY #9
DISCHARGE CANAL
TURBINE DECK
LAKE WARREN


N
222'-0"
EXISTING
30'-0"
LAYDOWN
EXISTING LAYDOWN
TURBINE GENERATOR
UNIT NO 3
H.P. FEEDWATER HEATER BAY
TURB BLDG COOLING WATER SURGE TANK
PLATFORM
CONTAINMENT COOLING UNITS (TYP 4 PLACES)
ONSITE DOSES

Time: 9:25a To 10:00a

Onsite Out-of-Plant Doses

Location (Zone)	Whole Body Dose (MR/HR)	Thyroid Dose (NCpm)	Thyroid Dose (µci/cc)
Area under Plume Centerline (Shaded Area)	7.7		6.42E-08
Area outside Centerline but within Plume-width area (Lined Area)	0.7		6.5E-09
Area below Turbine Deck	BKG		BKG
Areas near S/G"B" Main Steam Piping	See section for In-plant Doses		
Others	BKG		BKG

Time: 10:01a To 10:15a

Onsite Out-of-Plant Doses

Location (Zone)	Whole Body Dose (MR/HR)	(NCpm)	Thyroid Dose (µci/cc)
Area under Plume Centerline (Shaded Area)	1525		1.27E-05
Area outside Centerline but within Plume-width area (Lined Area)	150		1.25E-06
Area below Turbine Deck	BKG		BKG
Areas near S/G"B" Main Steam Piping	See section for In-plant Doses		
Others	BKG		BKG

Time: 10:16a To 10:30a

Onsite Out-of-Plant Doses

Location (Zone)	Whole Body Dose (MR/HR)	(NCpm)	Thyroid Dose (µci/cc)
Area under Plume Centerline (Shaded Area)	1525		1.27E-05
Area outside Centerline but within Plume-width area (Lined Area)	150		1.25E-06
Area below Turbine Deck	BKG		BKG
Areas near S/G"B" Main Steam Piping	See section for In-plant Doses		
Others	BKG		BKG

Time: 10:31a To 10:45a

Onsite Out-of-Plant Doses

Location (Zone)	Whole Body Dose (MR/HR)	(NCpm)	Thyroid Dose (µci/cc)
Area under Plume Centerline (Shaded Area)	1550		1.27E-05
Area outside Centerline but within Plume-width area (Lined Area)	150		1.25E-06
Area below Turbine Deck	BKG		BKG
Areas near S/G"B" Main Steam Piping	See section for In-plant Doses		
Others	BKG		BKG

Time: 10:46a To 11:00a.

Onsite Out-of-Plant Doses

Location (Zone)	Whole Body Dose (MR/HR)	(NCpm)	Thyroid Dose (µci/cc)
Area under Plume Centerline (Shaded Area)	1550		1.27E-05
Area outside Centerline but within Plume-width area (Lined Area)	150		1.25E-05
Area below Turbine Deck	BKG		BKG
Areas near S/G"B" Main Steam Piping	See section for In-plant Doses		
Others	BKG		BKG

Time: 11:01a To 11:15a

Onsite Out-of-Plant Doses

Location (Zone)	Whole Body Dose (MR/HR) (NCpm)	Thyroid Dose (µci/cc)
Area under Plume Centerline (Shaded Area)	1145	9.54E-06
Area outside Centerline but within Plume-width area (Lined Area)	110	9.5E-07
Area below Turbine Deck	BKG	BKG
Areas near S/G"B" Main Steam Piping	See section for In-plant Doses	
Others	BKG	BKG

Time: 11:16a To 11:30a

Onsite Out-of-Plant Doses

Location (Zone)	Whole Body Dose (MR/HR)	(NCpm)	Thyroid Dose (µci/cc)
Area under Plume Centerline (Shaded Area)	1145		9.54E-06
Area outside Centerline but within Plume-width area (Lined Area)	110		9.5E-07
Area below Turbine Deck	BKG		BKG
Areas near S/G"B" Main Steam Piping	See section for In-plant Doses		
Others	BKG		BKG

Time: 11:31a To 11:45a

Onsite Out-of-Plant Doses

Location (Zone)	Whole Body Dose (MR/HR)	(NCpm)	Thyroid Dose (µci/cc)
Area under Plume Centerline (Shaded Area)	1025		8.55E-06
Area outside Centerline but within Plume-width area (Lined Area)	100		8.5E-07
Area below Turbine Deck	BKG		BKG
Areas near S/G"B" Main Steam Piping	See section for In-plant Doses		
Others	BKG		BKG

Time: 11:46 a To 12:00N

Onsite Out-of-Plant Doses

Location (Zone)	Whole Body Dose (MR/HR) (NCpm)	Thyroid Dose (µci/cc)
Area under Plume Centerline (Shaded Area)	1025	8.55E-06
Area outside Centerline but within Plume-width area (Lined Area)	100	8.5E-07
Area below Turbine Deck	BKG	BKG
Areas near S/G"B" Main Steam Piping	See section for In-plant Doses	
Others	BKG	BKG

Time: 12:01 p To 12:45 p

Onsite Out-of-Plant Doses

Location (Zone)	Whole Body Dose (MR/HR) (NCpm)	Thyroid Dose (µci/cc)
Area under Plume Centerline (Shaded Area)	BKG	BKG
Area outside Centerline but within Plume-width area (Lined Area)	BKG	BKG
Area below Turbine Deck	BKG	BKG
Areas near S/G"B" Main Steam Piping	See section for In-plant Doses	
Others	BKG	BKG

5.6

In-Plant Doses

IN-PLANT DOSES

Note: All readings are background except near S/G "B" Main Steam piping and in the plume.

Dose Rates (R/hr) Near S/G "B" MS Piping

	Time:	9:25 to 9:59a	10:00 to 10:14a	10:15 to 10:29a	10:30 to 10:44a	10:45 to 10:59a	11:00 to 11:29a	11:30 to 11:59a	12:00n to 12:45p
Distance From Piping of: Dia > 20" length > 30'									
1 ft		4.32	864	1631	2331	2985	3588	4632	5089
5 ft		1.97	393	742	1061	1358	1632	2107	2315
10 ft		0.127	25.5	48.2	69.1	88.2	106.0	137	150
20 ft		0.048	9.6	18.1	25.9	33.1	67.9	51.4	56.5
50 ft		.01	2.0	3.75	5.4	6.9	8.25	10.6	11.7
100 ft		2.65 mR/hr	0.53	1.0	1.43	1.83	2.2	2.84	3.12
Distance From Piping of: Dia > 20" length ≤ 30'									
1 ft		2.37	473	892	1275	1633	1963	2534	2784
5 ft		1.075	215	406	580	743	893	1153	1266
10 ft		0.0795	15.9	30.2	43.3	55.3	66.5	85.9	94.0
20 ft		0.03	6.0	11.35	16.2	20.75	42.6	32.2	35.4
50 ft		6.25 mR/hr	1.25	2.35	3.4	4.33	5.17	6.65	7.33
100 ft		1.7 mR/hr	0.33	0.63	0.9	1.15	1.38	1.78	1.96

Dose Rates (R/hr) Near S/G "B" MS Piping

Distance From Piping of: Dia ≤ 20" length > 30'	Time:	9:25 to 9:59a	10:00 to 10:14a	10:15 to 10:29a	10:30 to 10:44a	10:45 to 10:59a	11:00 to 11:29a	11:30 to 11:59a	12:00n to 12:45p
1 ft		1.19	237	447	639	818	983	1269	1395
5 ft		0.263	52.5	99	142	181	217.8	281	309
10 ft		0.030	5.92	11.2	16.0	20.46	24.6	31.8	34.8
20 ft		0.011	2.23	4.2	6.0	7.68	15.75	11.92	13.1
50 ft		2.3 MR/hr	0.464	0.87	1.25	1.6	1.91	2.46	2.71
100 ft		0.6MR/hr	0.123	0.232	0.33	0.425	0.51	0.66	0.724

Distance From Piping of: Dia ≤ 20" length ≤ 30'									
1 ft		0.387	77.4	145.9	209	267	321	414	455.5
5 ft		0.086	17.1	32.3	46.4	59.1	71.1	91.7	100.9
10 ft		0.018	3.69	7.0	10.05	12.83	15.43	19.93	21.8
20 ft		7 MR/hr	1.39	2.63	3.76	4.81	9.88	7.47	8.21
50 ft		1.5 MR/hr	0.29	0.545	0.789	1.0	1.20	1.54	1.7
100 ft		0	0.077	0.146	0.209	0.267	0.32	0.413	0.454

5.7

OFFSITE DOSES
(Centerline Field Data)

Note: All doses given represent plume centerline values.

Controller' Notes:

1. Net cpm numbers are based on the utilization of a 10^5cc sample per Plant Turkey Point Offsite Field Monitoring Procedure HP92. Correction for actual sample sizes may be required of the controller in the field.

2. Sectors not indicated on data sheets will all have background readings.

Time: 9:30 a To 9:44 a

Offsite Doses
(By Field Monitoring)

DISTANCE DOWNWIND	Sectors	WB Dose (MR/HR)	Thyroid Dose (NCpm)	(µci/cc)	(mrem/hr)
1 Mile	NNW	BKG		BKG	
2 Miles	NNW	BKG		BKG	
5 Miles	NNW	BKG		BKG	
10 Miles	NNW	BKG		BKG	
	Others				

Time: 9:45a To 10:04a

Offsite Doses
(By Field Monitoring)

DISTANCE DOWNWIND	Sectors	WB Dose (MR/HR)	(NCpm)	Thyroid Dose (µci/cc)	(mrem/hr)
1 Mile	NNW	4	83	3.31E-8	45
2 Miles	NNW	BKG		BKG	
5 Miles	NNW	BKG		BKG	
10 Miles	NNW	BKG		BKG	
	Others				

Time: 10:05a To 10:19a

Offsite Doses
(By Field Monitoring)

DISTANCE DOWNWIND	Sectors	WB Dose (MR/HR)	(NCpm)	Thyroid Dose (µci/cc)	(mrem/hr)
1 Mile	NNW	4	83	3.31E-08	45
2 Miles	NNW	2	42	1.69E-08	23
5 Miles	NNW	BKG		BKG	
10 Miles	NNW	BKG		BKG	
	Others				

Time: 10:20 a To 10:39 a

Offsite Doses
(By Field Monitoring)

DISTANCE DOWNWIND	Sectors	WB Dose (MR/HR)	(NCpm)	Thyroid Dose (µci/cc)	(mrem/hr)
1 Mile	NNW	787	16400	6.56E-06	8917
2 Miles	NNW	2	42	1.69E-08	23
5 Miles	NNW	BKG		BKG	
10 Miles	NNW	BKG		BKG	
	Others				

Time: 10:40 a To 11:14a

Offsite Doses
(By Field Monitoring)

DISTANCE DOWNWIND	Sectors	WB Dose (MR/HR)	(NCpm)	Thyroid Dose (µci/cc)	(mrem/hr)
1 Mile	NNW	787	16400	6.56E-06	8917
2 Miles	NNW	403	8400	3.36E-06	4566
5 Miles	NNW	BKG		BKG	
10 Miles	NNW	BKG		BKG	
	Others				

Time: 11:15a To 11:29a

Offsite Doses
(By Field Monitoring)

DISTANCE DOWNWIND	Sectors	WB Dose (MR/HR)	(NCpm)	Thyroid Dose (µci/cc)	(mrem/hr)
1 Mile	NNW	590	12300	4.92E-06	6688
2 Miles	NNW	403	8400	3.36E-06	4566
5 Miles	NNW	1	17	6.62E-09	9
10 Miles	NNW	BKG		BKG	
	Others				

Time: 11:30a To 11:41a

Offsite Doses
(By Field Monitoring)

DISTANCE DOWNWIND	Sectors	WB Dose (MR/HR)	(NCpm)	Thyroid Dose (µci/cc)	(mrem/hr)
1 Mile	NNW	590	12300	4.92E-06	6688
2 Miles	NNW	302	6300	2.52E-06	3424
5 Miles	NNW	1	17	6.62E-09	9
10 Miles	NNW	BKG		BKG	
	Others				

Time: 11:42a To 11:54a

Offsite Doses
(By Field Monitoring)

DISTANCE DOWNWIND	Sectors	WB Dose (MR/HR)	(NCpm)	Thyroid Dose (µci/cc)	(mrem/hr)
1 Mile	NNW	529	11025	4.41E-06	5993
2 Miles	NNW	302	6300	2.52E-06	3424
5 Miles	NNW	160	3325	1.33E-06	1816
10 Miles	NNW	BKG		BKG	
	Others				

Time: 11:55 a To 12:05 p

Offsite Doses
(By Field Monitoring)

DISTANCE DOWNWIND	Sectors	WB Dose (MR/HR)	(NCpm)	Thyroid Dose (µci/cc)	(mrem/hr)
1 Mile	NNW	529	11025	4.41E-06	5993
2 Miles	NNW	263	5475	2.19E-06	2979
5 Miles	NNW	160	3325	1.33E-06	1816
10 Miles	NNW	BKG		BKG	
	Others				

Time: 12:06 p To 12:10 p

Offsite Doses
(By Field Monitoring)

DISTANCE DOWNWIND	Sectors	WB Dose (MR/HR)	(NCpm)	Thyroid Dose (µci/cc)	(mrem/hr)
1 Mile	NNW	50	1100	4.41 E-07	600
2 Miles	NNW	25	547	2.2 E-07	300
5 Miles	NNW	15	330	1.32 E-07	180
10 Miles	NNW	BKG		BKG	
	Others				

Time: 12:21 p To 12:45 p

Offsite Doses
(By Field Monitoring)

DISTANCE DOWNWIND	Sectors	WB Dose (MR/HR)	(NCpm)	Thyroid Dose (µci/cc)	(mrem/hr)
1 Mile	NNW	BKG		BKG	
2 Miles	NNW	BKG		BKG	
5 Miles	NNW	BKG		BKG	
10 Miles	NNW	BKG		BKG	
	Others				

5.8

FIELD SURVEY RESULTS

FOR PREDESIGNATED SAMPLE POINTS

Time: 9:25a to 10:04a

FIELD SURVEY RESULTS

FP&L Predesignated Sample Points	Whole Body Dose (MR/HR)	NCPM	Thyroid Dose µCi/cc	MREM/HR
# 10 (Bayfront Park)	BKG		BKG	
#9 (Allapatah)	↓		↓	
#8 (Allapatah & Moody)				
#7 (117 Ave.& Turnpike)				
#6 (Turnpike)				
#5 (U.S. 1 & Silver Palm)				
#4 (Hamlin Mill & Burr)				

Time: 10:05a to 10:39a

FIELD SURVEY RESULTS

FP&L Predesignated Sample Points	Whole Body Dose (MR/HR)	NCPM	Thyroid Dose µCi/cc	MREM/HR
# 10 (Bayfront Park)	2	42	1.69E-08	23
#9 (Allapatah)	BKG		BKG	
#8 (Allapatah & Moody)	↓		↓	
#7 (117 Ave.& Turnpike)				
#6 (Turnpike)				
#5 (U.S. 1 & Silver Palm)				
#4 (Hamlin Mill & Burr)				

Time: 10:40a to 11:04a

FIELD SURVEY RESULTS

FP&L Predesignated Sample Points	Whole Body Dose (MR/HR)	Thyroid Dose NCPM	Thyroid Dose µCi/cc	Thyroid Dose MREM/HR
# 10 (Bayfront Park)	403	8393	3.36E-06	4566
#9 (Allapatah)	BKG		BKG	
#8 (Allapatah & Moody)	↓		↓	
#7 (117 Ave.& Turnpike)				
#6 (Turnpike)				
#5 (U.S. 1 & Silver Palm)				
#4 (Hamlin Mill & Burr)				

Time: 11:05 ato 11:19 a

FIELD SURVEY RESULTS

FP&L Predesignated Sample Points	Whole Body Dose (MR/HR)	Thyroid Dose NCPM	Thyroid Dose µCi/cc	Thyroid Dose MREM/HR
# 10 (Bayfront Park)	403	8393	3.36E-06	4566
#9 (Allapatah)	0.48	10	4.03E-09	5.48
#8 (Allapatah & Moody)	BKG		BKG	
#7 (117 Ave.& Turnpike)	↓		↓	
#6 (Turnpike)				
#5 (U.S. 1 & Silver Palm)				
#4 (Hamlin Mill & Burr)				

Time: 11:20a to 11:24a

FIELD SURVEY RESULTS

FP&L Predesignated Sample Points	Whole Body Dose (MR/HR)	NCPM	Thyroid Dose µCi/cc	Thyroid Dose MREM/HR
# 10 (Bayfront Park)	403	8393	3.36E-06	4566
#9 (Allapatah)	0.48	10	4.03E-09	5.48
#8 (Allapatah & Moody)	0.61	13	5.10E-09	6.94
#7 (117 Ave.& Turnpike)	BKG		BKG	
#6 (Turnpike)	↓		↓	
#5 (U.S. 1 & Silver Palm)				
#4 (Hamlin Mill & Burr)				

Time: 11:25a to 11:29a

FIELD SURVEY RESULTS

FP&L Predesignated Sample Points	Whole Body Dose (MR/HR)	NCPM	Thyroid Dose µCi/cc	Thyroid Dose MREM/HR
# 10 (Bayfront Park)	403	8393	3.36E-06	4566
#9 (Allapatah)	96.6	2016	8.07E-07	1097
#8 (Allapatah & Moody)	0.61	13	5.10E-09	6.94
#7 (117 Ave. & Turnpike)	BKG		BKG	
#6 (Turnpike)				
#5 (U.S. 1 & Silver Palm)				
#4 (Hamlin Mill & Burr)				

Time: 11:30a to 11:34a

FIELD SURVEY RESULTS

FP&L Predesignated Sample Points	Whole Body Dose (MR/HR)	Thyroid Dose NCPM	Thyroid Dose µCi/cc	Thyroid Dose MREM/HR
# 10 (Bayfront Park)	302	6294	2.52E-06	3424
#9 (Allapatah)	96.6	2016	8.07E-07	1097
#8 (Allapatah & Moody)	0.61	13	5.10E-09	6.94
#7 (117 Ave. & Turnpike)	BKG		BKG	
#6 (Turnpike)	↓		↓	
#5 (U.S. 1 & Silver Palm)				
#4 (Hamlin Mill & Burr)				

Time: 11:35a to 11:39a

FIELD SURVEY RESULTS

FP&L Predesignated Sample Points	Whole Body Dose (MR/HR)	Thyroid Dose NCPM	Thyroid Dose µCi/cc	Thyroid Dose MREM/HR
# 10 (Bayfront Park)	302	6294	2.52E-06	3424
#9 (Allapatah)	96.6	2016	8.07E-07	1097
#8 (Allapatah & Moody)	0.61	13	5.10E-09	6.94
#7 (117 Ave.& Turnpike)	0.57	12	4.78E-09	6.5
#6 (Turnpike)	BKG		BKG	
#5 (U.S. 1 & Silver Palm)	↓		↓	
#4 (Hamlin Mill & Burr)				

Time: 11:40a to 11:51a

FIELD SURVEY RESULTS

FP&L Predesignated Sample Points	Whole Body Dose (MR/HR)	NCPM	Thyroid Dose µCi/cc	Thyroid Dose MREM/HR
# 10 (Bayfront Park)	302	6294	2.52E-06	3424
#9 (Allapatah)	96.6	2016	8.07E-07	1097
#8 (Allapatah & Moody)	122.3	2556	1.02E-06	1391
#7 (117 Ave.& Turnpike)	0.57	12	4.78E-09	6.5
#6 (Turnpike)	BKG		BKG	
#5 (U.S. 1 & Silver Palm)	↓		↓	
#4 (Hamlin Mill & Burr)				

Time: 11:52a to 11:54a

FIELD SURVEY RESULTS

FP&L Predesignated Sample Points	Whole Body Dose (MR/HR)	Thyroid Dose NCPM	Thyroid Dose µCi/cc	Thyroid Dose MREM/HR
# 10 (Bayfront Park)	302	6294	2.52E-06	3424
#9 (Allapatah)	96.6	2016	8.07E-07	1097
#8 (Allapatah & Moody)	122.3	2556	1.02E-06	1391
#7 (117 Ave. & Turnpike)	114	2390	9.56E-07	1300
#6 (Turnpike)	BKG		BKG	
#5 (U.S. 1 & Silver Palm)	↓		↓	
#4 (Hamlin Mill & Burr)				

Time: 11:55a to 11:58a

FIELD SURVEY RESULTS

FP&L Predesignated Sample Points	Whole Body Dose (MR/HR)	Thyroid Dose NCPM	Thyroid Dose μCi/cc	Thyroid Dose MREM/HR
# 10 (Bayfront Park)	263	5476	2.19E-06	2979
#9 (Allapatah)	96.6	2016	8.07E-07	1097
#8 (Allapatah & Moody)	122.3	2556	1.02E-06	1391
#7 (117 Ave.& Turnpike)	114	2390	9.56E-07	1300
#6 (Turnpike)	BKG		BKG	
#5 (U.S. 1 & Silver Palm)	↓		↓	
#4 (Hamlin Mill & Burr)				

Time: 11:59a to 12:05p

FIELD SURVEY RESULTS

FP&L Predesignated Sample Points	Whole Body Dose (MR/HR)	NCPM	Thyroid Dose µCi/cc	MREM/HR
# 10 (Bayfront Park)	263	5476	2.19E-06	2979
#9 (Allapatah)	96.6	2016	8.07E-07	1097
#8 (Allapatah & Moody)	122.3	2556	1.02E-06	1391
#7 (117 Ave.& Turnpike)	114	2390	9.56E-07	1300
#6 (Turnpike)	BKG		BKG	
#5 (U.S. 1 & Silver Palm)	0.11	2	9.5E-10	1.29
#4 (Hamlin Mill & Burr)	BKG		BKG	

Time: 12:06p to 12:10p

FIELD SURVEY RESULTS

FP&L Predesignated Sample Points	Whole Body Dose (MR/HR)	NCPM	Thyroid Dose µCi/cc	Thyroid Dose MREM/HR
# 10 (Bayfront Park)	25	533	2.13E-07	290
#9 (Allapatah)	10	184	7.35E-08	100
#8 (Allapatah & Moody)	12	239	9.56E-08	130
#7 (117 Ave.& Turnpike)	11	239	9.56E-08	130
#6 (Turnpike)	6.6	138	5.51E-08	75
#5 (U.S. 1 & Silver Palm)	0.01		BKG	
#4 (Hamlin Mill & Burr)	BKG		BKG	

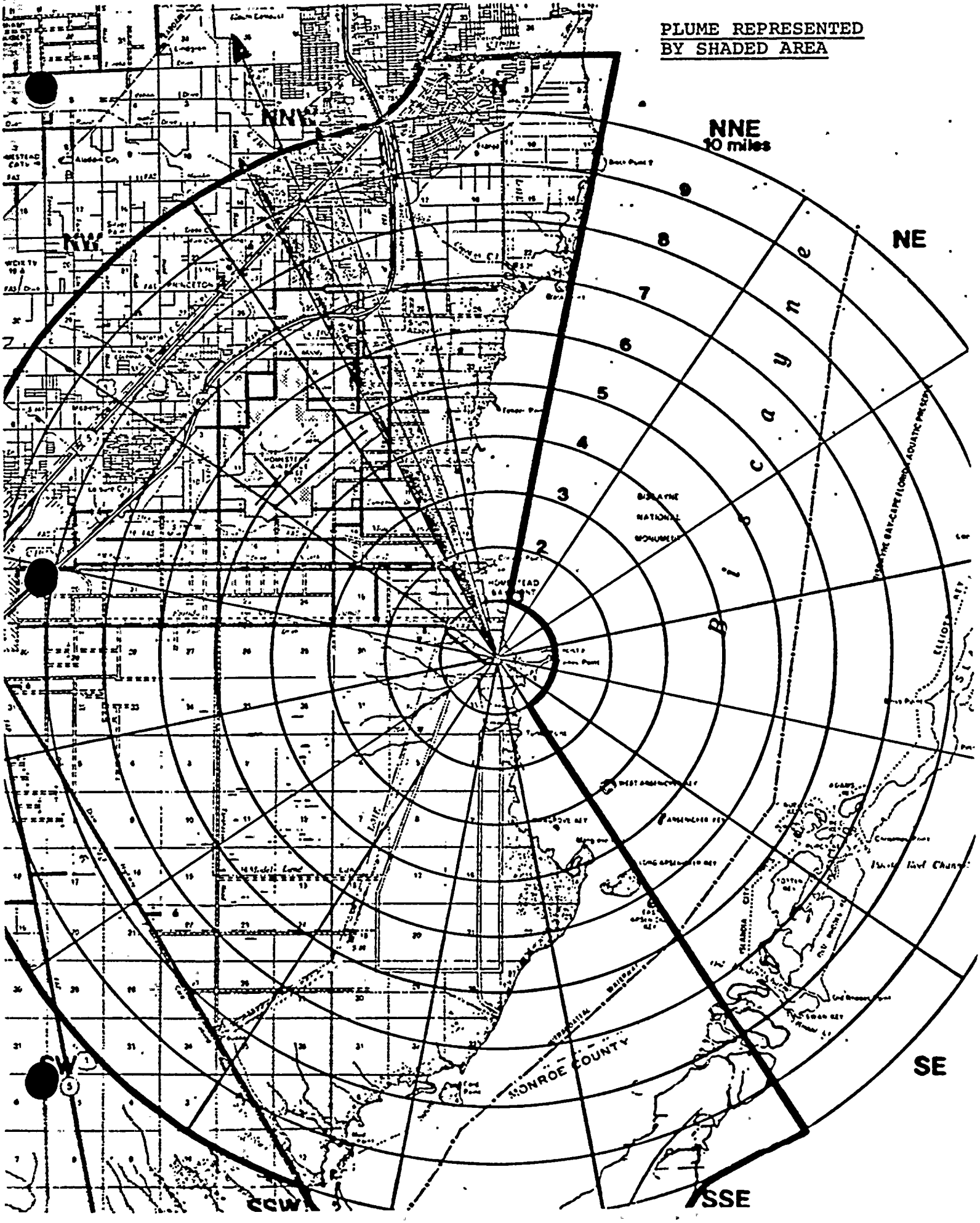
Time: 12:11p to 12:45p

FIELD SURVEY RESULTS

FP&L Predesignated Sample Points	Whole Body Dose (MR/HR)	NCPM	Thyroid Dose µCi/cc	MREM/HR
# 10 (Bayfront Park)	BKG		BKG	
#9 (Allapatah)	↓		↓	
#8 (Allapatah & Moody)				
#7 (117 Ave.& Turnpike)				
#6 (Turnpike)				
#5 (U.S. 1 & Silver Palm)				
#4 (Hamlin Mill & Burr)				

5.9

OFF-SITE CUMULATIVE WHOLE BODY AND THYROID DOSE PROJECTIONS


PLUME REPRESENTED
BY SHADED AREA
NNE
10 miles
NE
SE
SSE
SW
CCW
NNW
NW
Biscayne
MONROE COUNTY

FOR A 30-MINUTE PERIOD STARTING AT 9:30a

DOWNWIND SECTOR	CUMULATIVE THYROID DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	2.229E+01	1.141E+01	4.540E+00	2.163E+00
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	2.229E+01	1.141E+01	4.540E+00	2.163E+00
K- NNW	2.229E+01	1.141E+01	4.540E+00	2.163E+00

TWO-HOUR FORECAST ENDING AT 12:00N

DOWNWIND SECTOR	CUMULATIVE THYROID DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	1.115E+02	5.707E+01	2.270E+01	1.081E+01
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	1.115E+02	5.707E+01	2.270E+01	1.081E+01
K- NNW	1.115E+02	5.707E+01	2.270E+01	1.081E+01

FOR A 30-MINUTE PERIOD STARTING AT 9:30 a

DOWNWIND SECTOR	CUMULATIVE WHOLE BODY DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	1.968E+00	1.008E+00	4.007E-01	1.909E-01
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	1.968E+00	1.008E+00	4.007E-01	1.909E-01
K- NNW	1.968E+00	1.008E+00	4.007E-01	1.909E-01

TWO-HOUR FORECAST ENDING AT 12:00 N

DOWNWIND SECTOR	CUMULATIVE WHOLE BODY DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	9.839E+00	5.038E+00	2.004E+00	9.546E-01
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	9.839E+00	5.038E+00	2.004E+00	9.546E-01
K- NNW	9.839E+00	5.038E+00	2.004E+00	9.546E-01

FOR A 30-MINUTE PERIOD STARTING AT 10:00a

DOWNWIND SECTOR	CUMULATIVE THYROID DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	4.481E+03	2.294E+03	9.125E+02	4.347E+02
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	4.481E+03	2.294E+03	9.125E+02	4.347E+02
K- NNW	4.481E+03	2.294E+03	9.125E+02	4.347E+02

TWO-HOUR FORECAST ENDING AT 12:30p

DOWNWIND SECTOR	CUMULATIVE THYROID DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	2.231E+04	1.143E+04	4.544E+03	2.165E+03
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	2.231E+04	1.143E+04	4.544E+03	2.165E+03
K- NNW	2.231E+04	1.143E+04	4.544E+03	2.165E+03

FOR A 30-MINUTE PERIOD STARTING AT 10:00a

DOWNWIND SECTOR	CUMULATIVE WHOLE BODY DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	3.955E+02	2.025E+02	8.055E+01	3.837E+01
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	3.955E+02	2.025E+02	8.055E+01	3.837E+01
K- NNW	3.955E+02	2.025E+02	8.055E+01	3.837E+01

TWO-HOUR FORECAST ENDING AT 12:30p

DOWNWIND SECTOR	CUMULATIVE WHOLE BODY DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	1.970E+03	1.009E+03	4.011E+02	1.911E+02
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	1.970E+03	1.009E+03	4.011E+02	1.911E+02
K- NNW	1.970E+03	1.009E+03	4.011E+02	1.911E+02

FOR A 30-MINUTE PERIOD STARTING AT 10:30a

DOWNWIND SECTOR	CUMULATIVE WHOLE BODY DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	7.891E+02	4.041E+02	1.607E+02	7.656E+01
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	7.891E+02	4.041E+02	1.607E+02	7.656E+01
K- NNW	7.891E+02	4.041E+02	1.607E+02	7.656E+01

TWO-HOUR FORECAST ENDING AT 1:00 p

DOWNWIND SECTOR	CUMULATIVE WHOLE BODY DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	2.363E+03	1.210E+03	4.813E+02	2.293E+02
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	2.363E+03	1.210E+03	4.813E+02	2.293E+02
K- NNW	2.363E+03	1.210E+03	4.813E+02	2.293E+02

FOR A 30-MINUTE PERIOD STARTING AT 10:30a

DOWNWIND SECTOR	CUMULATIVE THYROID DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	8.939E+03	4.577E+03	1.820E+03	8.673E+02
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	8.939E+03	4.577E+03	1.820E+03	8.673E+02
K- NNW	8.939E+03	4.577E+03	1.820E+03	8.673E+02

TWO-HOUR FORECAST ENDING AT 1:00 p

DOWNWIND SECTOR	CUMULATIVE THYROID DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	2.677E+04	1.371E+04	5.452E+03	2.597E+03
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	2.677E+04	1.371E+04	5.452E+03	2.597E+03
K- NNW	2.677E+04	1.371E+04	5.452E+03	2.597E+03

FOR A 30-MINUTE PERIOD STARTING AT 11:00 a

DOWNWIND SECTOR	CUMULATIVE WHOLE BODY DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	1.084E+03	5.552E+02	2.208E+02	1.052E+02
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	1.084E+03	5.552E+02	2.208E+02	1.052E+02
K- NNW	1.084E+03	5.552E+02	2.208E+02	1.052E+02

TWO-HOUR FORECAST ENDING AT 1:30 p

DOWNWIND SECTOR	CUMULATIVE WHOLE BODY DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	2.265E+03	1.160E+03	4.613E+02	2.197E+02
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	2.265E+03	1.160E+03	4.613E+02	2.197E+02
K- NNW	2.265E+03	1.160E+03	4.613E+02	2.197E+02

FOR A 30-MINUTE PERIOD STARTING AT 11:00 a

DOWNWIND SECTOR	CUMULATIVE THYROID DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	1.228E+04	6.289E+03	2.501E+03	1.192E+03
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	1.228E+04	6.289E+03	2.501E+03	1.192E+03
K- NNW	1.228E+04	6.289E+03	2.501E+03	1.192E+03

TWO-HOUR FORECAST ENDING AT 1:30 p

DOWNWIND SECTOR	CUMULATIVE THYROID DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	2.566E+04	1.314E+04	5.225E+03	2.489E+03
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	2.566E+04	1.314E+04	5.225E+03	2.489E+03
K- NNW	2.566E+04	1.314E+04	5.225E+03	2.489E+03

FOR A 30-MINUTE PERIOD STARTING AT 11:30a

DOWNWIND SECTOR	CUMULATIVE WHOLE BODY DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	1.349E+03	6.867E+02	2.713E+02	1.288E+02
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	1.349E+03	6.867E+02	2.713E+02	1.288E+02
K- NNW	1.349E+03	6.867E+02	2.713E+02	1.288E+02

TWO-HOUR FORECAST ENDING AT 2:00p

DOWNWIND SECTOR	CUMULATIVE WHOLE BODY DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	2.407E+03	1.213E+03	4.732E+02	2.232E+02
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	2.407E+03	1.213E+03	4.732E+02	2.232E+02
K- NNW	2.407E+03	1.213E+03	4.732E+02	2.232E+02

FOR A 30-MINUTE PERIOD STARTING AT 11:30a

DOWNWIND SECTOR	CUMULATIVE THYROID DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	1.528E+04	7.779E+03	3.073E+03	1.459E+03
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	1.528E+04	7.779E+03	3.073E+03	1.459E+03
K- NNW	1.528E+04	7.779E+03	3.073E+03	1.459E+03

TWO-HOUR FORECAST ENDING AT 2:00p

DOWNWIND SECTOR	CUMULATIVE THYROID DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	2.727E+04	1.374E+04	5.361E+03	2.528E+03
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	2.727E+04	1.374E+04	5.361E+03	2.528E+03
K- NNW	2.727E+04	1.374E+04	5.361E+03	2.528E+03

FOR A 30-MINUTE PERIOD STARTING AT 12:00N

DOWNWIND SECTOR	CUMULATIVE WHOLE BODY DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	1.349E+03	6.867E+02	2.713E+02	1.288E+02
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	5.845E-12	2.241E-12	6.585E-13	2.661E-13
E- E	5.845E-12	2.241E-12	6.585E-13	2.661E-13
F- ESE	5.845E-12	2.241E-12	6.585E-13	2.661E-13
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	1.349E+03	6.867E+02	2.713E+02	1.288E+02
K- NNW	1.349E+03	6.867E+02	2.713E+02	1.288E+02

TWO-HOUR FORECAST ENDING AT 2:30p

DOWNWIND SECTOR	CUMULATIVE WHOLE BODY DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	1.349E+03	6.867E+02	2.713E+02	1.288E+02
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	2.922E-11	1.120E-11	3.292E-12	1.330E-12
E- E	2.922E-11	1.120E-11	3.292E-12	1.330E-12
F- ESE	2.922E-11	1.120E-11	3.292E-12	1.330E-12
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	1.349E+03	6.867E+02	2.713E+02	1.288E+02
K- NNW	1.349E+03	6.867E+02	2.713E+02	1.288E+02

FOR A 30-MINUTE PERIOD STARTING AT 12:00N

DOWNWIND SECTOR	CUMULATIVE THYROID DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	1.528E+04	7.779E+03	3.073E+03	1.459E+03
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	1.528E+04	7.779E+03	3.073E+03	1.459E+03
K- NNW	1.528E+04	7.779E+03	3.073E+03	1.459E+03

TWO-HOUR FORECAST ENDING AT 2:30P

DOWNWIND SECTOR	CUMULATIVE THYROID DOSES (MREM) DISTANCE (MILES)			
	1	2	5	10
A- N	1.528E+04	7.779E+03	3.073E+03	1.459E+03
B- NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
C- NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
D- ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E- E	0.000E+00	0.000E+00	0.000E+00	0.000E+00
F- ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
G- SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
H- SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00
J- S	0.000E+00	0.000E+00	0.000E+00	0.000E+00
K- SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
L- SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M- WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
N- W	0.000E+00	0.000E+00	0.000E+00	0.000E+00
P- WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Q- NW	1.528E+04	7.779E+03	3.073E+03	1.459E+03
K- NNW	1.528E+04	7.779E+03	3.073E+03	1.459E+03