

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8401310131 DOC. DATE: 84/01/24 NOTARIZED: NO DOCKET #
 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
 AUTH. NAME: SØRENSEN, G. C. AUTHOR AFFILIATION: Washington Public Power Supply System
 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: Licensing Branch 2

SUBJECT: Forwards description of plant support facility &
 radiological programs instruction manual index, per 831131
 request. Info will be included in rev to FSAR.

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	IE/DEPER/EPB 36	3 3		IE/DEPER/IRB 35	1 1
	IE/DQASIP/QAB21	1 1		NRR/DE/AEAB	1 0
	NRR/DE/CEB 11	1 1		NRR/DE/EHEB	1 1
	NRR/DE/EOB 13	2 2		NRR/DE/GB 28	2 2
	NRR/DE/MEB 18	1 1		NRR/DE/MTEB 17	1 1
	NRR/DE/SAB 24	1 1		NRR/DE/SGEB 25	1 1
	NRR/DHFS/HFEB40	1 1		NRR/DHFS/LQB 32	1 1
	NRR/DHFS/PSRB	1 1		NRR/DL/SSPB	1 0
	NRR/DSI/AEB 26	1 1		NRR/DSI/ASB	1 1
	NRR/DSI/CPB 10	1 1		NRR/DSI/CSB 09	1 1
	NRR/DSI/ICSB 16	1 1		NRR/DSI/METB 12	1 1
	NRR/DSI/PSB 19	1 1		NRR/DSI/RAB 22	1 1
	NRR/DSI/RSB 23	1 1		REG FILE 04	1 1
	RGN5	3 3		RM/DDAMI/MIB	1 0
EXTERNAL:	ACRS 41	6 6		BNL (AMDTs ONLY)	1 1
	DMB/DSS (AMDTs)	1 1		FEMA-REP DIV 39	1 1
	LPDR 03	1 1		NRC PDR 02	1 1
	NSIC 05	1 1		NTIS	1 1

Washington Public Power Supply System

P.O. Box 968 3000 George Washington Way Richland, Washington 99352 (509) 372-5000

January 24, 1984
G02-84-037

Docket No. 50-397

Director of Nuclear Reactor Regulation
Attention: Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Schwencer:

Subject: NUCLEAR PLANT NO. 2
DESCRIPTION OF PLANT SUPPORT FACILITY

As committed to in a meeting with Messrs. R. Auluck and C. Hinson of your staff and Mr. P. Powell (SS) on November 31, 1983, the attached description of the Supply System Plant Support Facility is provided. The WNP-2 Final Safety Analysis Report, Section 12.5 will be revised to reflect this description.

Additionally, as requested by Mr. Hinson, a copy of the Radiological Programs Instruction Manual index is provided as Attachment 2.

Should you have any questions, please contact Mr. P. L. Powell, Manager, WNP-2 Licensing.

Very truly yours,



G. C. Sorensen, Manager
Regulatory Programs

PLP/tmh
Attachments

cc: R Auluck - NRC
WS Chin - BPA
AD Toth - NRC Site

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B. HEALTH PHYSICS FACILITIES AT THE PLANT SUPPORT FACILITY/EMERGENCY OPERATION FACILITY

The Supply System Hanford Site Plant Support Facility is located 0.75 mile southwest of WNP-2. It is designed, equipped, and staffed to provide emergency capabilities in support of WNP-1 and WNP-2 and for support of WNP-1, 2, and 3 during normal plant operations and maintenance. Support facilities important to health physics include:

- o Portable radiation monitoring equipment calibration,
- o Backup chemistry (normal and emergency),
- o Internal Dosimetry,
- o External Dosimetry,
- o Respiratory Protection Testing,
- o Radioactive Laundry,
- o Radiation Exposure Records, and
- o Radiological Training.

A floor plan of the Plant Support Facility is shown in figure 10-8 of the Emergency Preparedness plan. Health physics related capabilities are located in the 20,000-square foot shielded area of the first floor with the exceptions of the portable instrument calibration laboratory and the radioactive laundry.

1. The instrument calibration laboratory is located in the extreme northwest corner of the lower level. It contains an irradiation cubicle that is shielded on all sides and above by 2 feet of concrete. The cubicle entrance is protected by a labyrinth and a lockable gate. Larger open sources are stored and used in the cubicle. The shielded cubicle together with administrative controls such as procedures, radiation work permits, and surveys ensure that calibration laboratory operation will not result in radiation areas in surrounding spaces.

The largest radiation source currently in use is a closed cabinet calibrator containing 200 curies of Cs-137. The larger open sources include a 20 curie americium-beryllium in a neutron irradiator and a 1.2 curie Cesium-137 in an irradiator. The latter two above are located in the shielded cubicle and equipped with remote operating controls. The lab is equipped with a well for future addition of a larger, approximately 1000 curie source.

Calibrations are performed in accordance with approved procedures and are traceable, either directly or indirectly, to the National Bureau of Standards.

2. The backup chemistry laboratory is located in the northeast corner of the PSF shielded area. As shown in figure 10-8 of the Emergency Preparedness Plan, it is shielded on the north and half of west sides and above by two feet of concrete. The east wall is shielded by one foot of concrete. The laboratory is equipped with two HEPA filtered fume hoods on the shielded east wall. The exhaust from the HEPA filters is monitored prior to discharge from the PSF. Air monitoring/sampling equipment for room air is provided as is installed and portable area radiation monitoring equipment.

During normal operational support activities, the laboratory may handle radioactivity samples ranging from environmental levels to normal reactor coolant concentrations. Handling procedures, training, radiation work permits and access controls are used as necessary to contain the activity and maintain radiation exposures ALARA.

During emergency conditions, post accident sample handling and analysis occur in and around the fume hoods along the shielded east wall. Occupancy of spaces adjacent to the chemistry laboratory is controlled. Distance can, therefore, be used in lieu of shielding for the unshielded sides. Portable shielding is available if needed.

Regulatory Guide 1.3 assumptions have been used to calculate a potential post accident sample radioactivity concentration of 1.63 Ci/cc. Sample handling procedures, sample shielding, remote handling tools, and analysis techniques have been developed for handling and analysis of 1 cc samples (diluted to larger volumes).

Chemistry laboratory drains are directed to an underground, monitored lift station. The lift station contents are pumped to a sanitary waste treatment facility that is located on Supply System property. The sewage treatment facility which is owned and operated by the Supply System does not discharge to the river or other unrestricted areas.

Radioactive liquid laboratory wastes discharged to the sanitary sewage treatment facility will comply with the requirements of 10CFR20.303 "Disposal by Release into Sanitary Sewage Systems." Post accident sample liquids will normally be collected in closed laboratory containers. In the event of an inadvertent large discharge of radioactive liquids as might occur during analysis of post accident samples, the lift station monitor will alert the PSF staff to disable lift station pumps. Grab samples will be obtained and analyzed and appropriate remedial action taken.

3. A laundry and respiratory mask cleaning facility is housed in a dedicated building employing commercial grade equipment and applying radiological standards and practices for safe operation, personnel protection, area cleanliness, and process control. These include:

- o Positive personnel and material traffic routes.
- o Employing HEPA filters in the gaseous effluent paths.
- o Sampling and monitoring the effluent downstream of the HEPA filters.

- o Recycling wash water and dry cleaning fluids.
 - o Transporting and processing solid radioactive waste (dry cleaning filters and resins) to and in the WNP-2 radwaste system.
 - o Sorting and segregating incoming laundry according to types of materials and radioactive levels.
 - o Employing stationary, portable, personnel and atmospheric radiation monitoring equipment for process safety and personnel protection.
 - o Per RPI, conducting routine area surveys of the facility to ensure clean work areas.
4. A dosimetry laboratory and whole body counting laboratory are located in the PSF/EOF. These labs distribute, retrieve, and process the thermoluminescent (TLD) personnel dosimeters and provide inhouse internal dose assessment for all Supply System facilities and environs. Both laboratories are operated in accordance with approved procedures that include measures to assure quality operation. The external dosimetry laboratory regularly participates in inter-laboratory comparison studies to assure continued reliable reporting of both personnel and environmental dosimetry results. Predetermined numbers of badges are irradiated (spiked) at WNP-2 and read at the PSF/EOF lab periodically to ensure equipment and technique proficiency. TLDs used for official dosimetry records are exchanged and read, as a minimum, on a quarterly frequency.
5. A respiratory equipment test facility is located at the PSF/EOF, providing quantitative man-fit testing and maintaining the official records.

INTER-FACILITY TRANSPORT OF RADIOACTIVE MATERIAL

Radioactive materials are routinely transferred between WNP-2 and the Plant Support Facility. These transfers remain under the direct control of the Supply System and do not leave the Supply System restricted area. The transfers generally involve low activity and radiation levels such as contaminated laundry, small sealed sources, samples, and laundry wastes. The potential exists, however, for transport of high activities such as post accident reactor coolant samples.

Interfacility transfers of radioactive material are preceded by a radiological evaluation to determine the packaging and controls to be required. Minimum requirements include contamination levels on the package exterior of not more than 220 dpm/Cm² beta, gamma and 22 dpm/Cm² alpha. Radiation levels are not permitted to exceed 200 mR/hr on the surface of the package. Transport vehicle radiation levels may exceed 200 mR/hr on the vertical planes extended from the outer edges of the vehicle and on the top and bottom, 10 mR/hr at 2 meters from the sides of the vehicle and, 2 mR/hr at any normally occupied position. Packaging integrity and radiological conditions are reverified by the receiving facility.

Additional measures are taken for higher activity transfers or materials in easily dispersable form. Such measures may include additional packaging or shielding, absorbent material, closed vehicle only transport, accompaniment by health physics personnel, security escort, or road closure.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM		MANUAL CONTROL NO.
TABLE OF CONTENTS		RPI T of C
		REV. NO.
		15
TITLE OF MANUAL		EFFECTIVE DATE
		12-22-83
RADIOLOGICAL PROGRAMS INSTRUCTION MANUAL		SUPERSEDES ISSUE:
		REV14 12-14-83

<u>NUMBER</u>	<u>TITLE</u>	<u>EFFECTIVE DATE</u>	<u>REV. NO.</u>	<u>QUALITY AFFECTING</u>
RPI 0.1	RPI Manual Administration	06-10-83	0	Yes
RPI 0.2	Temporary Instructions and Temporary Changes to Instructions	09-28-83	0	Yes
RPI 0.4	Key Control	11-16-83	1	Yes
RPI 2.1	Calculation Log	09-28-83	0	No
RPI 2.2	Calculation of a Neutron Spectrum Using a Bonner Sphere Neutron Detector and the Computer Code YOGI	06-10-83	0	Yes
RPI 4.1	Acceptance Testing of TLD's	11-16-83	0	No
RPI 4.2	Annealing CaSO ₄ :Dy Thermo-luminescent Dosimeters (TLDs)	03-28-83	0	Yes
RPI 4.3	Annealing LiF-Teflon Extremity Thermoluminescent Dosimeters (TLDs)	03-28-83	0	Yes
RPI 4.4	Exposure of Thermoluminescent Dosimeters	04-08-83	0	Yes
RPI 4.5	Operation of the Teledyne Isotopes Model 9100 TLD Reader	03-28-83	0	Yes
RPI 4.6	Operation of the Teledyne Isotopes Model 8300 TLD Reader to Evaluate Radiation Exposure	08-29-83	0	Yes
RPI 4.7	Establishing a Badge File	03-28-83	0	Yes
RPI 4.8	Preparation and Loading of Personnel Thermoluminescent Dosimeter (TLD) Badges	04-27-83	0	Yes
RPI 4.9	Routine Exchange of Personnel TLD Badges	03-28-83	0	Yes

<u>Number</u>	<u>Title</u>	<u>Effective Date</u>	<u>Rev. No.</u>	<u>Quality Affecting</u>
RPI 4.10	Processing, Evaluating, and Reporting of Results from Personnel Whole Body TLDs	08-01-83	1	Yes
RPI 4.11	Processing, Evaluating, and Reporting of Results from Extremity TLDs	10-28-83	0	No
RPI 4.12	Processing, Evaluating, and Reporting of Results From Environmental TLD's	10-04-83	0	Yes
RPI 4.13	Reporting TLD Exposure Data	03-28-83	0	Yes
RPI 4.14	Preparation and Loading of Extremity Thermoluminescent Dosimeter (TLD) Rings	10-28-83	0	No
RPI 5.1	Equipment Setup of Whole Body Body Counting System	09-09-83	0	Yes
RPI 5.2	Energy Calibration of the Whole Body Counting System	09-09-83	0	Yes
RPI 5.3	Efficiency Calibration for Routine Whole Body/Thyroid Count	09-09-83	0	Yes
RPI 5.6	Operation of Routine Whole Body/Thyroid Count System	09-09-83	0	Yes
RPI 5.11	Storage and Retrieval of Count Data on Cassette Tape	09-09-83	0	No
RPI 6.1	Administering Radiological Access Information Files	11-10-83	1	No
RPI 6.2	Processing Medical Certification Reports	04-08-83	0	Yes
RPI 6.3	Verification of Data Manipulation in the RER Program	09-28-83	0	No
RPI 6.4	Administering an Occupational Radiation Exposure History File	08-01-83	0	Yes

<u>Number</u>	<u>Title</u>	<u>Effective Date</u>	<u>Rev. No.</u>	<u>Quality Affecting</u>
RPI 6.5	Input and Retrieval of Computer-ized Radiation Exposure Record Data	06-10-83	0	Yes
RPI 6.6	Damaged or Lost Dosimetry Devices	04-08-83	0	Yes
RPI 6.7	Investigation of Exposure Anomalies	04-08-83	0	Yes
RPI 6.8	Preparation of Written Personnel Exposure Reports to NRC	10-25-83	0	Yes
RPI 6.9	Records/Reports Issued to Individuals	04-08-83	0	Yes
RPI 6.10	Issuance and Retrieval of TLDs	08-01-83	0	Yes
RPI 6.11	Preparing Radiation Exposure Record Files for Microfilming	08-01-83	0	No
RPI 6.12	Control of Radiological Program Records	11-16-83	1	Yes
RPI 6.13	Managing Nonroutine Data in the RER System	10-07-83	0	No
RPI 7.1	Operation of Shepherd Panoramic Gamma Irradiator	12-01-82	0	No
RPI 7.2	Operation of Shepherd Panoramic Neutron Irradiator	12-02-82	0	No
RPI 7.3	Direct-Reading Pocket Dosimeter Testing	12-15-82	0	No
RPI 7.4	Operation of the Blue M Single Steady State Temperature/Humidity Chamber	12-15-82	0	No
RPI 7.5	Eberline Model R0-2 Calibration	12-15-82	0	No
RPI 7.6	Eberline Model R0-2A Calibration	12-01-82	0	No
RPI 7.7	Eberline Model R0-3 Calibration	12-15-82	0	No

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RPI 7.8	Eberline Model PIC-6A Calibration	06-22-83	0	No
RPI 7.9	Eberline Model 6112B Teletector Calibration	09-28-83	0	No
RPI 7.10	Calibration of the Eberline Neutron Counter PNR-4	08-29-83	0	No
RPI 7.11	Calibration of Eberline PRS-2 With NRD Probe	11-02-83	0	Yes
RPI 7.12	Calibration Check of Environmental Radiation Monitor (RSS-111)	08-25-82	0	No
RPI 7.13	Calibration of Xetex Model 409A and 415A, Audible Alarm Dosimeters	10-07-83	0	No
RPI 7.14	Determination of Beta Dose Response Factors	11-10-83	0	No
RPI 7.15	Calibration of Eberline Model 1000B Gamma Calibrator	09-09-83	0	Yes
RPI 7.16	Calibration of J.L. Shepherd Model 142-10 Panoramic (Gamma) Irradiator	08-01-83	0	Yes
RPI 7.19	Operation of Eberline Model 1000B Multiple Source Gamma Calibrator	04-08-83	0	Yes
RPI 7.20	Calibration of Shepherd Panoramic Neutron Irradiator	08-01-83	0	Yes
RPI 7.21	Repair of Radiation Instruments	10-24-83	0	Yes
RPI 7.22	Acceptance Testing of Portable Radiation Instruments	12-21-83	0	Yes
RPI 7.23	Functional Check of Source Monitor	08-01-83	0	No
RPI 7.24	Operation of the Ludlum Model 2200 Scaler Ratemeter with the Bonner Sphere Neutron Detector	04-27-83	0	Yes
RPI 7.25	Ludlum Model 177 Calibration with "Pancake" GM Probe	08-01-83	0	No

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RPI 7.26	Ludlum Model 2 Calibration with "Pancake" GM Probe	08-01-83	0	No
RPI 7.27	Eberline Model RM-14 Calibration with Pancake GM Probe	10-28-83	0	No
RPI 7.28	Eberline Model E-120 Calibration with HP270 Gamma Dose Rate GM Probe	10-07-83	0	No
RPI 7.29	Ludlum Model 3 Calibration with 44-2 Gamma Dose Rate Scintillation Probe	11-02-83	0	Yes
RPI 7.30	Ludlum Model 12 Calibration with 43-5 Alpha Scintillation Probe	11-16-83	0	No
RPI 7.31	Eberline Model Pac-4S Calibration With AC-3 Alfa Scintillation Probe	09-27-83	0	No
RPI 7.34	Eberline Models E-120 and E-120E Calibration with "Pancake" GM Probe	09-09-83	0	No
RPI 7.37	Eberline Model RM-16 Calibration with RD-17A Gamma Dose Rate Detector	11-10-83	0	No
RPI 7.38	Acceptance Testing of Direct Reading Pocket Dosimeters	12-21-83	0	Yes
RPI 7.40	Operation of the Nuclear Association Extrapolation Chamber with the Keithley Electrometer with Ion Chamber Interface	10-7-83	0	Yes
RPI 7.41	Ludlum Model 2200 Scaler/Rate Meter Calibration	10-07-83	0	No
RPI 8.1	Quantitative Respirator Fit Testing Using the Frontier Model FE259	12-15-82	0	No
RPI 8.2	Quantitative Respirator-Fit Testing Using the Frontier Model 260	11-16-83	0	No

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RPI 9.1	Radiological Training Course Justification	10-07-83	0	No
RPI 9.2	Establishing Instructor Qualification Requirements for Radiological Training Section Courses	10-07-83	0	No
RPI 9.3	Documenting Radiological Training Specialist Qualifications	10-07-83	0	No
RPI 9.4	Development of Training Program Instructor Guides	10-07-83	0	No
RPI 9.5	Development of Training Program Modules	10-07-83	0	No
RPI 9.6	Development of Training Program Examinations	10-07-83	0	No
RPI 9.7	Scheduling Radiological Training Courses	10-07-83	0	No
RPI 9.8	Presentation of Radiological Training Courses	10-07-83	0	No
RPI 9.9	Administration of Radiological Training Examinations	10-07-83	0	Yes
RPI 9.10	Training Records Management System	10-07-83	0	Yes
RPI 9.11	Evaluation of Radiological Training Specialists During Classroom Presentation	10-07-83	0	No
RPI 9.12	Radiological Training Internal Audit Program	10-07-83	0	Yes
RPI 10.1.1	Sampling Instructions	12-01-82	0	No
RPI 10.1.2	Sample Handling and Preparation	12-15-82	0	No
RPI 10.1.3	General Reagent Preparation, Inventory, and Storage	12-01-82	0	No

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RPI 10.1.5	Sample Receipt	08-23-83	0	No
RPI 10.2.1	Alkalinity	12-01-82	0	No
RPI 10.2.2	Ammonia	12-01-82	0	No
RPI 10.2.3	Boron - Curcumin	12-31-82	0	No
RPI 10.2.5	Carbon Dioxide (Free)	12-01-82	0	No
RPI 10.2.7	Chloride (Titrametric Method)	12-01-82	0	No
RPI 10.2.8	Chloride - Low Level	12-31-82	0	No
RPI 10.2.12	Conductivity	12-01-82	0	No
RPI 10.2.13	Copper - Neo-Cuproine	12-01-82	0	No
RPI 10.2.14	Copper -- DEDTC	12-01-82	0	No
RPI 10.2.15	Floride by Ion -- Select Electrode	08-23-83	0	No
RPI 10.2.16	Fluoride -- Spadns Method	12-01-82	0	No
RPI 10.2.17	Hardness -- Total, Calcium, Magnesium	12-01-82	0	No
RPI 10.2.18	Hydrazine	12-15-82	0	No
RPI 10.2.19	Iron - TPTZ Method	12-15-82	0	No
RPI 10.2.20	Nitrate - Brucine	04-08-83	1	Yes
RPI 10.2.21	Nitrite-Permanganate Titration	12-01-82	0	No
RPI 10.2.23	Oil and Grease In Water	12-01-82	0	No
RPI 10.2.24	Dissolved Oxygen--Iodometric Titration	12-01-82	0	No
RPI 10.2.26	pH Measurement	12-01-82	0	No
RPI 10.2.27	Phosphate - Ortho	12-15-82	0	No
RPI 10.2.28	Phosphate - Ortho and Total	12-15-82	0	No

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RPI 10.2.29	Silica	12-15-82	0	No
RPI 10.2.30	Total Solids	12-31-82	0	No
RPI 10.2.31	Suspended Solids	12-31-82	0	No
RPI 10.2.32	Sulfate - Turbidimetric	12-15-82	0	No
RPI 10.2.33	Sulfide - Methylene Blue	12-15-82	0	No
RPI 10.2.34	Sulfide - High Range	04-08-83	0	Yes
RPI 10.2.35	Turbidity	12-01-82	0	No
RPI 10.2.36	Ammonia-Nitrogen By Ion-Select Electrode	06-10-83	0	No
RPI 10.2.37	Chloride - Ion Chromatograph	10-27-83	0	No
RPI 10.2.38	Fluoride in Vegetation and Soil Sample Preparation	08-23-83	0	No
RPI 10.2.39	Boron - Ion Chromatograph	10-27-83	0	No
RPI 10.3.1	Spectrophotometer - B & L 2000	12-15-82	0	No
RPI 10.3.2	Orion 701A pH Meter	12-01-82	0	No
RPI 10.3.3	Conductivity Bridge--Beckman RC-20	12-01-82	0	No
RPI 10.3.4	Turbidimeter--Hach 2100A	12-01-82	0	No
RPI 10.3.5	Analytical Balance--Mettler AC-100	12-01-82	0	No
RPI 10.3.6	Ion Chromatograph	10-13-83	0	No
RPI 10.3.7	Gas Chromatograph	10-13-83	0	No
RPI 11.1.1	Iodine-131 In Milk, Quick Method	04-08-83	0	Yes
RPI 11.1.2	Gamma Analysis of Low Activity Liquid Samples	04-08-83	0	Yes

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RPI 11.1.3	Gamma Analysis of Soil and Silt Samples	04-08-83	0	Yes
RPI 11.1.4	Gross Alpha Activity	10-13-83	0	No
RPI 11.1.5	Gross Beta Activity	10-12-83	0	No
RPI 11.1.7	Gamma Analysis of Routine Samples	08-01-83	0	No
RPI 11.3.1	ND66/6680 and Detector System Set-Up	06-10-83	0	No
RPI 11.3.2	ND66/6680 and Detector System Energy Calibration	06-10-83	0	No
RPI 11.3.4	Daily Energy and Efficiency Check of ND66/6680 and Detector System	06-10-83	0	No
RPI 11.3.5	Operation of Portable Gamma Analyzer	11-16-83	1	No
RPI 11.3.6	Proportional Counter	08-01-83	0	No
RPI 11.3.7	ND66/6680 and NaI Detector Set-Up	11-10-83	0	No
RPI 11.3.8	ND66/6680 and NaI Detector Energy Calibration	11-10-83	0	No
RPI 11.3.10	ND66/6680 and NaI Detector Daily Check	11-10-83	0	No
RPI 11.4.1	Post Accident Sample Liquid Analysis	10-24-83	0	No
RPI 11.4.2	Post Accident Sample Gas Analysis	10-24-83	0	No
RPI 11.4.3	Post Accident Sample Boron and Chloride Analysis	10-13-83	0	No
RPI 11.4.4	Post Accident Sample Ph Analysis	10-13-83	0	No

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RPI 12.1	Radiation Work Permit (RWP)	06-10-83	0	Yes
RPI 12.2	Operation of Ludlum Model 2 Frisker	10-31-83	0	No
RPI 12.3	Operation of Ludlum Model 177 Frisker	10-27-83	0	No
RPI 12.4	Operation of Eberline Model RM-14 Frisker	10-28-83	0	No
RPI 12.5	Operation of Eberline Model E-120 Frisker	10-27-83	0	No
RPI 12.6	Operation of Eberline Model PAC-4S Alpha Survey Meter	10-27-83	0	No
RPI 12.7	Operation of Eberline Model RO-3 Dose Rate Meter	11-16-83	0	No
RPI 12.8	Operation of Eberline Model RO-2A Dose Rate Meter	11-16-83	0	No
RPI 12.9	Operation of Eberline Model PIC-6A Dose Rate Meter	11-16-83	0	No
RPI 12.10	Operation of Eberline Teletector Model 6112	10-28-83	0	No
RPI 12.11	Operation of Eberline Model PNR-4 Neutron Meter	11-10-83	0	No
RPI 12.12	Operation of Eberline Model PRS-2/NRD Portable Neutron REM Counter	11-10-83	0	No
RPI 12.13	Operation of Eberline Model MS-2 Counter	10-28-83	0	No
RPI 12.14	Eberline Model HFM-4A Hand and Foot Monitor	12-28-83	1	No
RPM 12.15	Operation of Eberline Model AMS-3 Continuous Air Monitor	11-10-83	0	No
RPI 12.16	Operation of the Victoreen Vamp Area Monitor	10-28-83	0	No

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RPI 12.17	Operation of the Victoreen Condenser - R-Meter	12-14-83	0	No
RPI 12.18	Operation of the Ludlum Clothing Monitor Model 350SB	10-28-83	0	No
RPI 12.19	Operation of Ludlum Respiratory Mask Monitor	11-16-83	0	No
RPI 12.20	Operation of Radeco Constant-Flow Air Sampler	11-10-83	0	No
RPI 12.21	Operation of Radeco Variable Air Sampler	11-10-83	0	No
RPI 12.27	Use of Direct-Reading Pocket Dosimeters	10-25-83	0	No
RPI 12.29	Posting of Control Areas	10-13-83	0	Yes
RPI 12.30	Entry Into, Conduct In, And Exit From Controlled Areas	10-13-83	0	Yes
RPI 12.31	Entry Into And Egress From High Radiation Areas	10-24-83	0	No
RPI 12.32	Use of Protective Clothing	10-13-83	0	No
RPI 12.33	Decontamination of Work Areas	10-17-83	0	No
RPI 12.34	Decontamination of Personnel	11-16-83	0	No
RPI 12.35	Decontamination Kits	10-27-83	0	No
RPI 12.36	Self-Frisking	11-16-83	0	No
RPI 12.37	Receipt, Storage, Transfer and Disposal of Radioactive Material and Laundry Between Facilities	11-16-83	0	Yes
RPI 12.39	Release of Material from Radiologically Controlled Areas	11-16-83	0	Yes
RPI 12.40	Radiation/Contamination Surveys	11-16-83	0	No
RPI 12.41	Airborne Survey	11-16-83	0	No
RPI 12.47	Vacuum Cleaner Control	11-10-83	0	No

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RPI 12.50	Emergency Operations at the Laundry Facility	11-16-83	0	No
RPI 12.52	Leak Testing of Radioactive Sources	11-10-83	0	No
RPI 12.53	Personnel Contamination Survey	11-16-83	0	No
RPI 12.54	Selection, Issuance, and Use of Respiratory Protection Equipment	11-10-83	0	No
RPI 13.1.1	Radiological Environmental Monitoring	10-07-83	0	Yes
RPI 13.1.2	Personnel Qualifications and Training	10-07-83	0	Yes
RPI 13.1.3	WNP-2 Environmental Thermoluminescent Dosimeter (TLD) Distribution and Collection	10-07-83	0	Yes
RPI 13.1.4	Trip Directions to Thermoluminescent Dosimeter Stations	10-07-83	0	No
RPI 13.1.5	Trip Directions to Environmental Air Sampler Stations	10-07-83	0	No
RPI 13.1.6	Airborne Samples Distribution, Collection and Shipping	10-07-83	0	No
RPI 13.1.7	Milk Collection, Treatment and Shipping	10-07-83	0	No
RPI 13.1.8	Soil Sampling	10-07-83	0	No
RPI 13.9	Sediment Sampling	10-07-83	0	No
RPI 13.1.10	Fish Sampling	10-07-83	0	No
RPI 13.1.11	Garden Produce Sampling	10-07-83	0	No
RPI 13.1.12	Composite Water Sampler	10-07-83	0	No

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RPI 13.1.13	Drinking and River Water Sample Collection	10-12-83	0	No
RPI 13.1.14	Groundwater Collection	10-12-83	0	No
RPI 13.1.15	Land Use Census	10-25-83	0	Yes
RPI 13.1.16	Radiological Environmental Data Recording and Retention	10-07-83	0	Yes
RPI 13.1.17	Surveillance of Radiological Consultants	10-07-83	0	Yes
RPI 13.1.18	Radiological Environmental Monitoring Program Records Retention	10-07-83	0	Yes
RPI 13.1.19	Reporting	10-24-83	0	Yes
RPI 13.1.20	Planning and Scheduling	10-07-83	0	Yes
RPI 13.1.21	Performance Criteria For Support Organizations	10-12-83	0	Yes
RPI 13.1.22	DSHS Split/Duplicate Samples Collection and Handling	10-07-83	0	No
RPI 14.1	Hanford Data Acquisition	11-10-83	0	Yes
RPI 14.3	Volcanic Ashfall Response Plan	11-30-83	0	Yes
RPI 14.5	Licensing Documentation	10-24-83	0	Yes

