



INTEROFFICE MEMORANDUM

DATE: November 12, 2001

TO: Distribution

FROM: Procedure Control, Administrative Services, (927A)

SUBJECT: **PLANT PROCEDURES MANUAL - VOLUME 13**
Distribution Package: 2001-677

REFERENCE:

The following Procedure(s) have been revised/approved and are to be inserted in your controlled copy of the Manual and the superseded revisions are to be removed and destroyed:

<u>Procedure</u>	<u>Rev.</u>	<u>Title</u>
13.5.3	23	Evacuation of Exclusion Area and/or Nearby Facilities
13.14.4	36	Emergency Equipment

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USE CURRENT REVISION

COLUMBIA GENERATING STATION
PLANT PROCEDURES MANUAL

PROCEDURE NUMBER

*13.5.3

APPROVED BY

JEW - Revision 23

DATE

11/12/01

VOLUME NAME

EMERGENCY PLAN IMPLEMENTING PROCEDURES

SECTION

EVACUATION AND ACCOUNTABILITY

TITLE

EVACUATION OF EXCLUSION AREA AND/OR NEARBY FACILITIES

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13.5.3

REVISION

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1.0 PURPOSE

The purpose of this procedure is to identify the emergency actions and responsibilities of the Emergency Director to cause evacuation of the Exclusion Area when conditions so dictate.

This procedure also includes guidance for the Security Manager to direct sounding of the Crossroads and WNP-1 sirens at Site Area Emergency to initiate tenant evacuations at Site One.

The procedure also identifies actions to be taken in the event the need for evacuation may impact other facilities in the local area, including the Department of Energy's Fast Flux Test Facility.

2.0 DISCUSSION

- 2.1 The principle consideration when contemplating an Exclusion Area evacuation is the safety of personnel. An Exclusion Area evacuation is the orderly withdrawal of all personnel, except those required to respond to the emergency situation, from areas outside the Protected Area but within the Exclusion Area boundary, and including those portions of the Owner Controlled Area outside the Exclusion Area. An Exclusion Area evacuation will be announced using any combination of sirens, PA announcements, or telephone notifications
- 2.2 The Emergency Director is responsible for determining when an Exclusion Area evacuation should be conducted. The decision to evacuate personnel should be based on the course of action which presents the minimum risk to employees. Some examples of conditions which make an Exclusion Area evacuation not advisable include, but are not limited to:
- An ongoing security threat affecting personnel in the Exclusion Area (consult with the Security Manager to aid in determining the safest course of action)
 - Inclement weather (e.g., high winds or hazardous road conditions may preclude a safe evacuation of personnel)
 - Radiological hazards exist (determine which action would result in lowest dose to evacuating personnel)
 - Other hazards exist which might subject evacuees to a higher risk to personnel safety than not evacuating

If conditions for an Exclusion Area evacuation are present, but the decision is made to not evacuate personnel due to safety concerns, personnel will normally remain at their work locations unless directed otherwise.

- 2.3 Normally, Exclusion Area evacuations will be considered at a Site Area Emergency, or when other conditions warrant and is an automatic action at General Emergency. Exclusion Area evacuees will normally be directed to proceed home.

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If a radiological contamination problem is identified, evacuees will be directed to an alternate location for radiological monitoring and decontamination. The Energy Northwest Office Complex (ENOC) is the primary offsite assembly area.

3.0 REFERENCES

- 3.1 FSAR, Chapter 13.3, Emergency Plan, Sections 4, 5
- 3.2 PPM 13.2.2, Determining Protective Action Recommendations
- 3.3 PPM 13.5.5, Personnel Accountability, Search and Rescue
- 3.4 PPM 13.7.5, Offsite Assembly Area Locations
- 3.5 Public Address Message Format - Exclusion Area Evacuation, 968-26051

4.0 PROCEDURE

4.1 Emergency Director Responsibilities

- 4.1.1 Determine the need for an Exclusion Area evacuation at Site Area Emergency. Exclusion Area evacuations are automatic at the General Emergency classification.
- 4.1.2 The decision to evacuate personnel should be based on the course of action which presents the minimum risk to employees. Some examples of conditions which make an Exclusion Area evacuation not advisable include, but are not limited to:
 - An ongoing security threat (consult with the Security Manager to aid in determining the safest course of action)
 - Inclement weather (e.g., high winds or hazardous road conditions may preclude a safe evacuation of personnel)
 - Radiological hazards exist (determine which action would result in lowest dose to evacuating personnel)
 - Other hazards exist which might subject evacuees to a higher risk to personal safety than not evacuating

If conditions for an Exclusion Area evacuation are present, but the decision is made to retain personnel on site due to safety concerns, personnel will normally remain at their work locations unless directed otherwise.

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NOTE: If the EOF Manager is acting as Emergency Director, coordinate the following steps with the Radiological Emergency Manager (REM):

4.1.3 If the decision is made to evacuate the Exclusion Area, determine if radiological hazards exist or are suspected within the Exclusion Area. If a radiological hazard does exist or a radiation release is in progress, then direct evacuees to report to the ENOC assembly area. Determine safe evacuation routes and hazardous areas to avoid.

4.1.4 If evacuation routes are unavailable due to hazards or severe weather, consider sheltering in place until conditions improve.

4.1.5 Use form 968-26051, Public Address Emergency Message Format - Exclusion Area Evacuation to complete a public address announcement.

NOTE: The EOF Manager, if acting as Emergency Director, must coordinate with the TSC Manager to have PA announcements made.

4.1.6 Immediately repeat the announcement. Continue repeating the announcement periodically while the evacuation remains in effect and until the TSC is activated. The TSC will assume responsibility for PA announcements when activated.

4.1.7 Direct the Security Manager (or on-shift Security Supervisor if Security Manager is not yet available) to implement actions for Site One or Exclusion Area evacuation.

4.2 Security Manager/On-shift Security Supervisor Responsibilities for Site One Evacuation - at Site Area Emergency

4.2.1 Confer with the Radiological Emergency Manager or Emergency Director in the REM's absence to determine the appropriate announcement in the following step.

- If a radiation release is in progress, refer to step 4.6.2 to determine the need for an alternate evacuation route.

4.2.2 Initiate a Site One public address announcement by dialing 761 and reading the applicable Message 1 or Message 2:

Message 1 - No Radiological Conditions:

THIS IS AN EMERGENCY ANNOUNCEMENT. SITE ONE PERSONNEL IMMEDIATELY EVACUATE THE HANFORD SITE AND PROCEED HOME.

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NOTE: Include alternate evacuation route instructions, if required.

Message 2 - Radiological Conditions Exist:

THIS IS AN EMERGENCY ANNOUNCEMENT. SITE ONE PERSONNEL IMMEDIATELY EVACUATE THE HANFORD SITE AND REPORT TO THE ASSEMBLY AREA AT 3000 GEORGE WASHINGTON WAY."

Repeat the PA announcement.

4.2.3 After step 4.2.2 is complete, direct the SCC Duty Officer to activate the Site One and Crossroads evacuation sirens.

4.2.4 Contact the Site One Manager or Designated Site Authority (DSA) and request that the Site One Call Tree be initiated. Refer to the Emergency Phone Directory, Part C Notifications, in the Offsite Agency section, for the Site One Manager's phone number.

During off hours, contact the SCC for the current DSA phone list, if necessary.

4.2.5 Direct the Security Supervisor to initiate a sweep of Site One.

If the Site One Manager or DSA cannot be reached, contact the following Site One personnel and direct them to evacuate Site One to go home, or report to the assembly area at 3000 George Washington Way, as appropriate. Make two attempts, and then notify the Security Officer designated to sweep Site One of any tenant or contractor who does not answer.

Morrison Construction	727-4472
Durametal Brake Company	377-3000
Master-Lee Hanford Company	377-3842
Tri-Cities Asset Reinvestment Company	377-3205
CREHST Museum	377-1084
Visitors Center	377-4558

4.2.6 Contact the Security Supervisor to inform security officers at the roadblocks of offsite assembly area location if necessary.

4.3 Security Manager Responsibilities for an Exclusion Area Evacuation

4.3.1 Confer with the Radiological Emergency Manager or Emergency Director in the REM's absence to determine the appropriate announcement in the following step.

- If a radiation release is in progress, refer to step 4.6.2 to determine the need for an alternate evacuation route.

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- 4.3.2 Initiate a Site One public address announcement by dialing 761 and reading the applicable Message 1 or Message 2:

Message 1 - No Radiological Conditions:

THIS IS AN EMERGENCY ANNOUNCEMENT. EXCLUSION AREA AND SITE ONE PERSONNEL IMMEDIATELY EVACUATE THE HANFORD SITE AND PROCEED HOME.

NOTE: Include alternate evacuation route instructions, if required.

Message 2 - Radiological Conditions Exist:

THIS IS AN EMERGENCY ANNOUNCEMENT. EXCLUSION AREA AND SITE ONE PERSONNEL IMMEDIATELY EVACUATE THE HANFORD SITE AND REPORT TO THE ASSEMBLY AREA AT 3000 GEORGE WASHINGTON WAY."

Repeat the PA announcement.

- 4.3.3 Direct the SCC Duty Officer to activate the Site One and Crossroads sirens.
- 4.3.4 Contact the Site One Manager or Designated Site Authority (DSA) and request that the Site One Call Tree be initiated. Refer to the Emergency Phone Directory, Part C Notifications, in the Offsite Agency section, for the Site One Manager's phone number.

During off hours, contact the SCC for the current DSA phone list, if necessary.

- 4.3.5 Direct the Security Supervisor to initiate a sweep of Site One.

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Master-Lee Hanford Company	377-3842
Tri-Cities Asset Reinvestment Company	377-3205
CREHST Museum	377-1084
Visitors Center	377-4558

- 4.3.6 Contact the Security Supervisor to inform security officers at the roadblocks of offsite assembly area location if necessary.

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4.3.7 Contact the Secondary Alarm Station Operator to broadcast over Energy Northwest Maintenance and Security Radio Channels:

- 1) The Exclusion Area is being evacuated.
- 2) That Exclusion Area personnel not assigned emergency duties report home or to the designated assembly location.
 - Specify alternate assembly area, if designated, and any known hazards/areas to avoid

4.3.8 If an assembly area is being established, direct the Security Supervisor to dispatch an officer with a radio to the assembly area to maintain order at the designated assembly area, and to relay messages or directions to evacuees.

4.3.9 Provide telephone evacuation notification and the above instructions to the following. Refer to the Emergency Phone Directory for phone numbers.

Circulating Pumphouse
Visitor's Center
Waste Water Treatment Plant
Security Training Facility/Firing Range
Plant Maintenance Training
Ashe Substation

4.3.10 Keep the Emergency Director informed on the status of the Exclusion Area Evacuation.

4.4 Security Supervisor Responsibilities

4.4.1 Direct a Security Officer to the ENOC assembly area, if established, to maintain order at the designated assembly area, and to relay messages or directions to evacuees.

4.4.2 Instruct the Security Officer at the assembly area to communicate on the Security area wide radio channel to help coordinate evacuee processing and relay messages.

4.4.3 Direct the mobile patrol to perform a visual check of evacuation progress within the Exclusion Area Boundary, including the Security Firing Range and that portion of the Owner Controlled Area outside the Exclusion Area boundary. Refer to Attachment 5.1.

4.5 Offsite Agency Coordinator Responsibilities

4.5.1 Contact the FFTF Control Room and inform them of Exclusion Area evacuation PADs made by Energy Northwest.

4.6 Radiological Emergency Manager Responsibilities

4.6.1 Determine if an offsite release is in progress.

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4.6.2 If an offsite release is in progress at the time of evacuation, evacuees should be directed to report to the ENOC assembly area. Refer to Attachment 5.2 for site evacuation routes. This direction should include an evacuation route from the list below as appropriate.

- Primary: Route 4 South - This four lane road leads from the sites to Richland and is the main route from the sites.
- Alternate: Route 10 South - A two lane road (FFTF access road) connects Route 4 with Route 10 to Highway 240, then leads into Richland.
- Alternate: Route 4 South - A two lane road leads northwest from the site, intersecting with Highway 240 and Highway 24 to Yakima.
- Alternate: Route 2 South - A two lane road leading north from the sites, intersecting with Highway 240 and Highway 24 to Yakima.

4.6.3 If no offsite release is in progress at the time of evacuation, evacuees should be directed to report to their homes.

4.6.4 Contact the TSC Radiation Protection Manager (RPM) to coordinate the appropriate evacuation actions.

4.6.5 In the event of an Exclusion Area evacuation requiring personnel to report to the ENOC, dispatch an HPC staff member to set up the assembly area. Refer to PPM 13.7.5 for guidance regarding setup and operations of the ENOC assembly area.

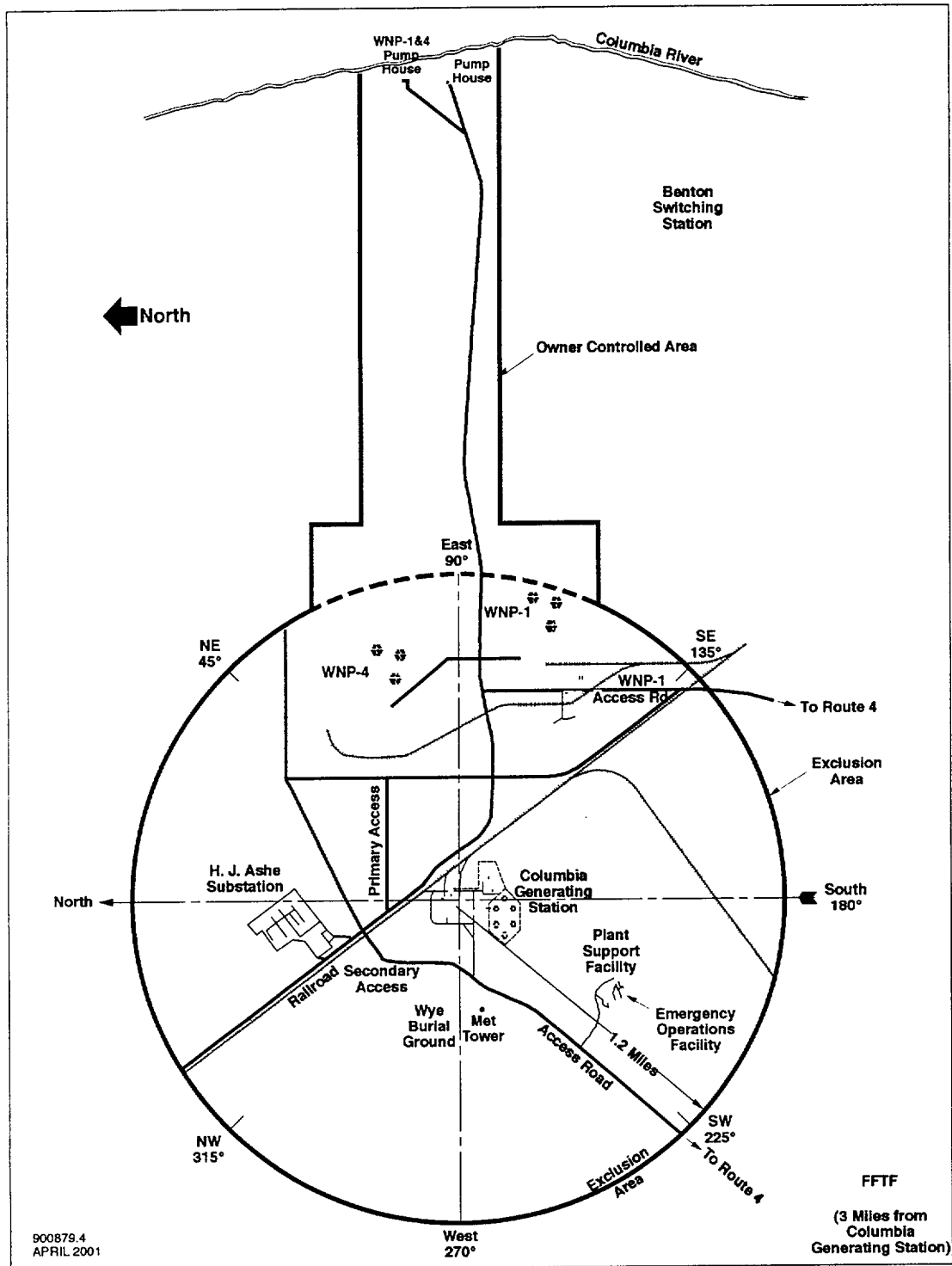
5.0 ATTACHMENTS

5.1 Exclusion Area Map

5.2 Evacuation Route Map

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EXCLUSION AREA MAP
Includes Owner Controlled Area

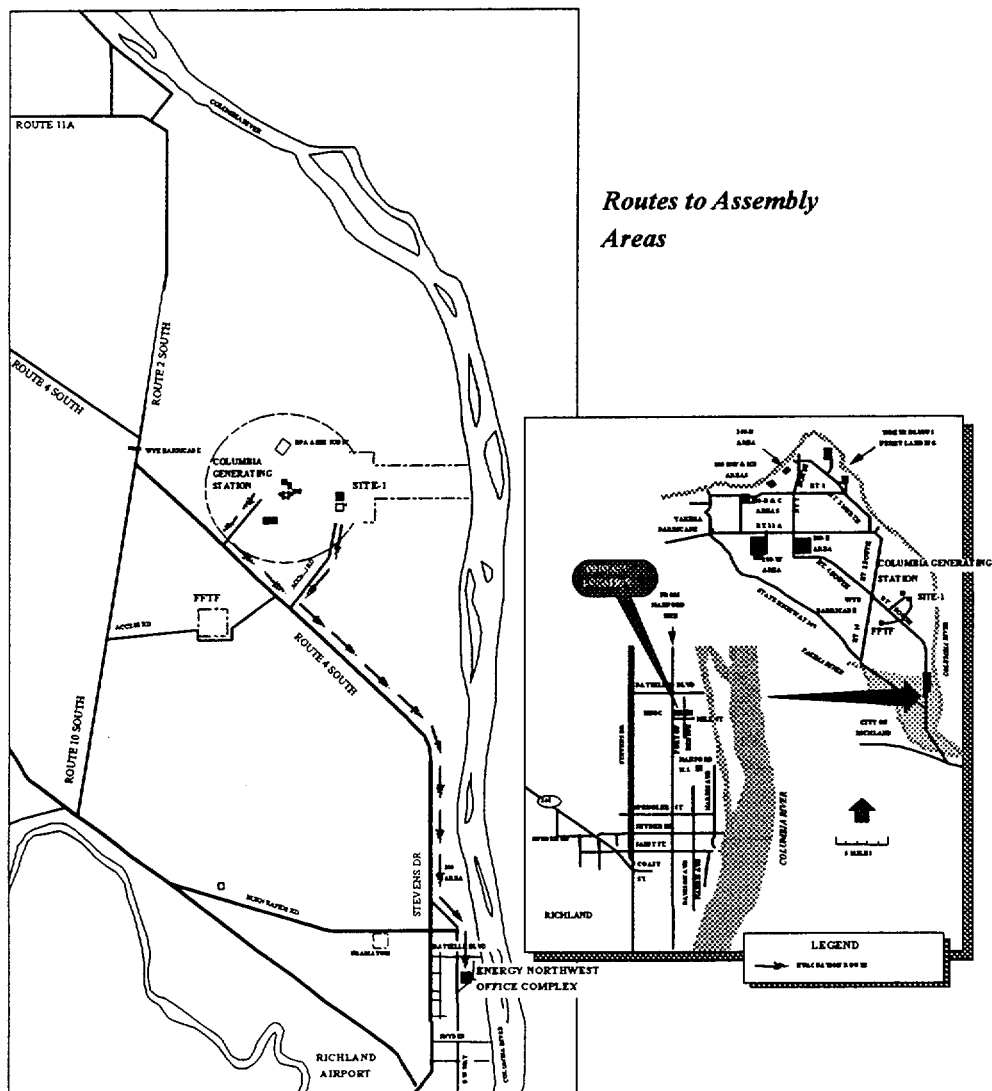


Attachment 5.1

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EVACUATION ROUTE MAP

CGS Exclusion Area Evacuation



Notification Method:

- Steady siren, or
- Public address system, or
- Telephone

970410 1
July 1995

Attachment 5.2

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PLANT PROCEDURES MANUAL

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*13.14.4	JEW - Revision 36	11/12/01
VOLUME NAME		
EMERGENCY PLAN IMPLEMENTING PROCEDURES		
SECTION		
SUPPORTING INFORMATION PROCEDURES		
TITLE		
EMERGENCY EQUIPMENT		

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1.0 PURPOSE

This procedure describes requirements for inspection, inventory, and functional testing of emergency equipment and supplies which are maintained for emergency operations, and are not listed under other approved procedures. Items in this procedure are identified as REQUIRED or DESIRED. {R-5928}

2.0 DISCUSSION

Items or functional tests that are REQUIRED meet the intent of the Columbia Generating Station Emergency Plan's requirements.

Items or functional tests that are DESIRED are in place to assist emergency functions. The Corporate Emergency Preparedness, Safety and Health Officer may make determinations for changes to desired quantities, types of items, or functional tests as required for good emergency preparedness practices. Changes to DESIRED types or quantities of items should not be less conservative than REQUIRED.

A Level 1 library is maintained by Administrative Services as part of the Technical Support Center. Sufficient Level 1 Procedures, drawings, and other documentation are maintained in this library to support the Technical Support Center staff.

3.0 REFERENCES

- 3.1 Columbia Generating Station Final Safety Analysis Report (FSAR), Section 13.3, Emergency Plan
- 3.2 NUREG-0654, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans And Preparedness In Support Of Nuclear Power Plants, Section H (10)
- 3.3 Problem Evaluation Request (PER) 293-1343
- 3.4 10CFR50, Appendix E {R-5756, R-5928}
- 3.5 10CFR50, Appendix R {R-6917, R-6918, R-10307, R-10309, R-10311}
- 3.6 GO2-92-257, letter to NRC regarding ERDS Data Point Library, 11-24-92
- 3.7 Columbia Generating Station Final Safety Analysis Report, Appendix F, Table F.3-2, Section III.H
- 3.8 PPM 2.9.5, Plant Communications Systems
- 3.9 PPM 13.14.9, Emergency Program Maintenance

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- 3.10 PPM 13.10.6, Plant/NRC Liaison Duties
- 3.11 EPI-15, ERDS Quarterly Test
- 3.12 Emergency Response Log, 968-23895
- 3.13 Classification Notification Forms, 968-24075
- 3.14 Event Notification Worksheet, NRC Form 361, 968-25665
- 3.15 Repair Team Briefing/Debriefing Form, 968-25560
- 3.16 Emergency Director Turnover Sheet, 968-25810
- 3.17 10 Mile EPZ Dose Projection and Data Map Form, 968-25831
- 3.18 Skin/Clothing Contamination Report, 968-24080

4.0 PROCEDURE

4.1 Supervisor, Health Physics Operations Responsibilities

- 4.1.1 Ensure cabinets or vehicles containing emergency first aid, fire brigade equipment, or radiological protection equipment are checked at the locations, and per instructions outlined in Attachments 5.1-1, 5.1-2, 5.1-3, 5.1-4, 5.1-5, and 5.1-7.
- 4.1.2 Ensure the following are checked per the instructions outlined in Attachment 5.2, EOF/ENOC Emergency Equipment:

Field Monitoring Kits:

Location:

- Kootenai Building and MPF

Decon Storage Area:

Location:

- ENOC Room 1-208A, MPF

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River Evacuation Kits:

Location:

- ENOC

Equipment for Post Accident Sample System (PASS):

Location:

- Ambulance Bay
- Counting Room
- Chemistry Lab

4.1.3 Ensure that the HVAC is checked per instructions outlined in Attachment 5.8, Ventilation Radiation Monitoring.

4.1.4 Completed task sheets are to be forwarded to the Preventative Maintenance Program Group.

4.2 Shift Manager Responsibilities

4.2.1 Ensure the Fire Brigade Leader, per the Columbia Generating Station Fire Marshal, performs inventories and operational checks of locations containing emergency fire equipment outlined in Attachment 5.1-1 after each use.

4.2.2 Ensure an onsite, six hour supply of reserve air is provided to permit quick replenishment of exhausted air supply cylinders as they are returned.
{R-10309}

4.2.3 Ensure that the following alarm systems are demonstrated per the instructions outlined in Attachment 5.1-6, Plant Emergency Alerting Signals:

Plant Exclusive Use Signals:

Location: Control Room

- Alerting Tone

4.2.4 Complete task sheets and forward them to the Preventative Maintenance Program Group.

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4.3 Operations Manager Responsibilities

- 4.3.1 Ensure the Control Room is checked per the instructions outlined in Attachment 5.7, Emergency Center Equipment and Supplies.
- 4.3.2 Completed task sheets are to be forwarded to the Preventative Maintenance Program Group.

4.4 Manager, Security Programs Responsibilities

- 4.4.1 Ensure the Security Communications Center is checked per the instructions outlined in Attachment 5.7, Emergency Center Equipment and Supplies.
- 4.4.2 Completed task sheets are to be forwarded to the Preventative Maintenance Program Group.

4.5 Supervisor, Telecommunications Installation And Maintenance Responsibilities

- 4.5.1 Ensure that the Communications Systems are checked per the instructions outlined in Attachment 5.5, Communications System Tests.
- 4.5.2 Completed task sheets are to be forwarded to the Preventative Maintenance Program Group.

4.6 Supervisor, Facilities Maintenance Responsibilities

- 4.6.1 Ensure that the HVAC and diesel generators are tested per instructions outlined in Attachment 5.9, Facilities Systems Tests.
- 4.6.2 Completed task sheets are to be forwarded to the Preventative Maintenance Program Group.

4.7 Corporate Emergency Preparedness, Safety and Health Officer

- 4.7.1 Ensure the Technical Support Center, Operations Support Center, the Joint Information Center, and the Emergency Operations Facility is checked per the instructions outlined in Attachment 5.7, Emergency Center Equipment and Supplies.
- 4.7.2 Completed task sheets are to be forwarded to the Preventative Maintenance Program Group.

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- 4.7.3 Ensure that the Building 100 medical equipment and supplies are checked per Attachment 5.6, Building 100 Medical Equipment and Supplies.
- 4.7.4 Ensure the following cabinets are checked in accordance with the instructions outlined in Attachment 5.3, Hospital Radiological Emergency Kits:

Hospital Radiological Emergency Kits:

Locations:

- Kadlec Medical Center, Emergency Room Storage Cabinet
 - Kennewick General Hospital, Emergency Room Entrance Area
 - Our Lady of Lourdes, Nuclear Medicine Area
- 4.7.5 Ensure the Emergency Phone Directory is maintained per the instructions outlined in Attachment 5.4, Emergency Planner Communications System Tests.
- 4.7.6 Ensure the dedicated telephone lines are checked per the instructions outlined in Attachment 5.4, Emergency Planner Communications System Tests.
- 4.7.7 Ensure the Emergency Response Data System (ERDS) is tested quarterly as outlined in Attachment 5.5, Communications System Tests.
- 4.7.8 Hardware or software changes that affect transmitted ERDS data points identified in Attachment 5.10 shall be provided to NRC within 30 days after the change is made.
- 4.7.9 Hardware or software changes, except data point modifications, that could affect ERDS data transmission format or computer communication protocol with ERDS shall be provided to NRC at least 30 days prior to implementing the modification.
- 4.7.10 Monitor compliance with this procedure's requirements, and take action to ensure discrepancies are corrected. Auditable records of performance of all required checks are located in the Scheduled Maintenance System portion of the Passport work control module.

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5.0 ATTACHMENTS

- 5.1 Columbia Generating Station Emergency Equipment
- 5.2 EOF/ENOC Emergency Equipment
- 5.3 Hospital Radiological Emergency Kits
- 5.4 Emergency Planner Communications System Tests
- 5.5 Communications System Tests
- 5.6 Building 100 Medical Equipment and Supplies
- 5.7 Emergency Center Equipment and Supplies
- 5.8 Ventilation Radiation Monitoring
- 5.9 Facilities Systems Tests
- 5.10 Emergency Response Data System (ERDS)

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COLUMBIA GENERATING STATION EMERGENCY EQUIPMENT

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5.1-4	First Aid Kit, Type B	{3.1}
5.1-5	Emergency Protective Equipment Kit (TSC)	{3.1}
5.1-6	Plant Emergency Alerting Signals	
5.1-7	Emergency Protective Equipment Kit (OSC)	

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ITEMS IN/NEAR
FIRE BRIGADE STATIONS

STATION 1

{R-6917, R-10307,
R-10311, R-6918}

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED</u>
Battery, 6 Volt Lantern		5
Bolt Cutter		1
Chain Wrench		1
Sledge		1
Fire Axe		1
Pinch Bar		1
Hacksaw Frame/Blade		1
Pocket Knife		1
Spanner Wrench		5
Pipe Wrench		2
6 Volt Lantern		5
Nylon Rope, 100 feet		1
Leather Gloves		10 Pair
Firefighter Turnout Gear		
- Boots		15 Pair
- Coats		15
- Gloves		15 Pair
- Helmet/Shield		10
Personal Alert Safety System (PASS) devices		10
SCOTT Air-Pak 50 Self Contained Breathing Apparatus	10	10
SCOTT Envoy RadioCom, Mounted on each SCBA unit		10
Spare Air Cylinders	20	20
Stretcher		1
Smoke evacuation fan and exhaust trunk		1
Radios (Motorola HT-1000) on charger		6
Radio batteries (alkaline)		6
Megaphone		1
Personnel/SCBA Accountability Board		1
Power Block Pre-Fire Plans		1 set
Non-Power Block Pre-Fire Plans		1 set

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ITEMS IN/NEAR
FIRE BRIGADE STATIONS

STATION 1, cont'd

{R-6917, R-10307,
R-10311, R-6918}

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED</u>
* Fire Brigade Leader cart, including:		1
- Spanner wrenches		2
- Pipe Wrench		1
- Nylon rope, 100 feet		1
- Gloves (one Large, one XL)		2 pair
- Nomex hoods		2
- Radios		2
- Radio batteries		2
- Flashlights, 6V lantern		2
- Batteries, 6V		2
- Flashlights, helmet style		2
- Hose nozzle (with ball shut off valve)		1
- Telephone, with cord		1

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ITEMS IN/NEAR
FIRE BRIGADE STATIONS (Cont.)

STATION 2 (Building 62)

{R-6917, R-10307,
R-10311, R-6918}

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED</u>
Battery, 6 Volt Lantern		5
Bolt Cutter		1
Chain Wrench		1
Sledge		1
Fire Axe		1
Pinch Bar		1
Hacksaw Frame/Blade		1
Pocket Knife		1
Spanner Wrench		5
Pipe Wrench		2
6 Volt Lantern		5
Nylon Rope, 100 feet		1
Leather Gloves		10 Pair
Firefighter Turnout Gear		
- Boots		10 Pair
- Coats		10
- Gloves		10 Pair
- Helmet/Shield		10
Personal Alert Safety System (PASS) device		10
SCOTT Self Contained Breathing Apparatus		10
Spare Air Cylinders		35
Stretcher		1
Smoke evacuation fan and exhaust trunk		1
Radios		6
Megaphone		1
Personnel/SCBA Accountability Board		1
Power Block Pre-Fire Plans		1 set
Non-Power Block Pre-Fire Plans		1 set

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EMERGENCY RESPONSE VAN

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED +</u>
1 1/2" hose - 200 feet	1	1
2 1/2" hose - 300 feet	1	2
1 1/2" Adjustable Fog Nozzles	1	2
Hydrant Wrench	1	2
2 1/2" x 1 1/2" x 1 1/2" Gated Wye		1
2 1/2" Gate Valve		1
20# ABC Extinguisher	1	2
Foaming agent		4
Foaming agent eductor		1
Halon Extinguisher		1

+ Includes required quantities

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INSTRUCTIONS
FIRE BRIGADE STATIONS (Cont.)

Passport Activity: FPSYS108

Locations:

- Kit 1E - 441' elevation, Turbine Building, Fire Brigade Station 1
- Kit 2E - Building 62, Fire Brigade Station 2
- Kit 3E - Fire Response Van - Protected Area

Monthly (and after use):

SCBA, inspect as follows:

- Verify the SCBA regulator and reducer calibration dates will not be exceeded prior to the next monthly inspection.
- Verify all air cylinders full, GTE 4000 psi
- Verify SCBA units are properly staged, including shoulder and waist straps fully extended, and proper staging of regulator, Envoy-RadioCom wires, and PASS tether.
- Reseal cabinet/case when done

Remainder of equipment:

- Verify calibration/expiration dates will not be exceeded prior to next monthly check.
- Inventory contents and ensure required quantities are correct
- Perform operational checks
 - Six-volt battery lanterns/flashlights
- Check physical condition of station/van contents and replace items, as necessary

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ITEMS IN/NEAR
DECONTAMINATION KITS

{R-5756}

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED</u> +
Body Outline Forms	4	6
Facial Tissue		2 Boxes
Cotton Rolls or Balls		2 Boxes
Cotton Tip Applicators		100
Liquid soap		1 Bottle
Washcloths		25
Procedures	1 Set	1 Set
Masking Tape		1 Roll
Disposable Cups		25
Plastic Bags		10
Sample Envelopes		20
Scissor		1
Skin Conditioner		1
Soft Scrub Brush		2
Nail Brush		1
Surgical Gloves		10 Pair
Toweling (487' RW only)		1 Set

+ Includes required quantities.

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INSTRUCTIONS
DECONTAMINATION KITS (Cont.)

Passport Activity: HPSCHD114

Locations:

- Kit 1D - Radwaste Building, 487' elevation, Men's Locker Room
- Kit 2D - Radwaste Building, 487' elevation, Women's Locker Room
- Kit 3D - Yakima Building, 441' elevation, Emergency Equipment Area

Quarterly (and after use):

- Inventory contents and ensure required quantities are correct.
- Verify expiration dates on chemicals will not be exceeded prior to next quarterly check.
- Check physical condition of cabinet contents and replace items, as necessary.
- Insert changes in procedure book and update all forms.

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ITEMS IN/NEAR
FIRST AID KIT - TYPE A (SILVER BOX)

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED +</u>
Clam Shell		1
Spider Strap		1
Kendrick Extraction Device (K.E.D.)		1
Emergency Life Saving Kit (set of airways)		1
Burnsheets		2
Ladder Splints		2
Ambulance Blankets		2
Disposable Obstetrical Kit		1
"SAM" Splints		2
Towels (Terry Cloth)		2
Ring Cutter		1
Stiff Neck Device (1 each in sizes - Noneck, Short, Regular, Tall)		4
Sager Traction Splint		1
Large Bio-Hazard Bag		1
Face Shield		3
Gown, Infection Control		2
Body Fluid Clean-up Kit		2
Stretcher		1

+ Includes required quantities

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INSTRUCTIONS
FIRST AID KIT - TYPE A (SILVER BOX) (Cont.)

Passport Activity: FPSYS108

Locations:

- Kit 1FA - 441' elevation, Turbine Building Fire Brigade Station 1
- Kit 2FA - Building 62, Fire Brigade Station 2
- Kit 3FA - 501' elevation, Turbine Building Corridor

Monthly (and after use):

- Inventory contents
- Check physical condition of contents and replace items, as necessary

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ITEMS IN/NEAR
FIRST AID KIT - TYPE B (TRAUMA KIT)

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED</u> +
Extraction Scissor		2
Tweezers		1
Penlight		2
Multi-trauma Dressing		4
Surgical Gloves		5 pair
Face Shield		5
Adhesive Tape		2 rolls
Band-Aids		10
Triangular Bandage		12
Eye Pads		6
Cold Packs		2
4" x 4" Dressing		5
Blankets (Disposable)		2
CPR Micro-Shields/Pocket Mask		3
Oxygen Cylinder (with kit)		1
Air Passage BVM and V-Vac		1
Gauze, 4 or 5 inch rolls		10
Blood Pressure Kit		1
Stethoscope		1
Saline Solution		1 bottle
Burn Sheet		1
Bio-Hazard Bags		3
Instant Glucose		1 tube
Patient Information Sheet		5
Gown, Infection Control		2
Body Fluid Clean-up Kit		1

+ Includes required quantity.

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INSTRUCTIONS
FIRST AID KIT - TYPE B, TRAUMA (Cont.)

Passport Activity: FPSYS108

Locations:

- Kit 1FB - 441' elevation, Turbine Building, Fire Brigade Station 1
- Kit 2FB - Building 62, Fire Brigade Station 2
- Kit 3FB - 501' elevation, Turbine Building Corridor
- Kit 4FB - 467' elevation, Radwaste Control Room

Monthly (and after use):

- Inventory contents.
- Check physical condition of contents and replace items, as necessary.
- Verify oxygen cylinder is full (needle in green band). If low, replace with a full one.
- Perform operational check on penlights, (if dim or not working and a disposable type, replace).

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ITEMS IN/NEAR
EMERGENCY PROTECTIVE EQUIPMENT KIT (TSC)

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED</u> +
Protective Clothing	10 sets	25 sets
- Coveralls		
- Hoods/caps		
- Plastic Booties		
- Rubber Boots		
- Rubber Gloves		
- Glove Liners		
Respirators (particulate)	10, (2 small, 2 large)	25
Combination Filters		
(respirator)	20	50
Pocket Dosimeters	10	25
Dosimeter Charger		1
Duct Tape		1 roll
Masking Tape		1 roll

+ Includes required quantities.

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INSTRUCTIONS
EMERGENCY PROTECTIVE EQUIPMENT KIT (TSC) (Cont.)

Passport Activity: HPSCHD6

Location:

- Technical Support Center

Monthly (and after use):

- Verify that the respirators have been inspected within the past month.
- Inventory contents and ensure required quantities are correct.
- Perform operational checks
 - Dosimeter charger
 - Dosimeters (re-zero)
- Check physical condition of cabinet contents and replace items, as necessary

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PLANT EMERGENCY ALERTING SIGNALS

Passport Activity: EMERG.ALERT SYSTEM

Location: Control Room

Monthly: (Required) Perform operational check.

The following demonstrations should be immediately preceded by voice announcement over the high power public address system.

Demonstrations should be conducted on all shifts on the first day of each month, at approximate times as follows:

Day Shift - 1400

Mid Shift - 0200

The following public address format should be adhered to:

A. Alerting Tone:

- Announce: "This is a demonstration of the ALERTING TONE. This is a demonstration of the ALERTING TONE."
- Sound the ALERTING TONE (pulsed tone-constant level) for approximately 5 seconds seconds by depressing the "ALERT" push button.
- Stop the ALERTING TONE by depressing the "CAN-CEL" push button.
- Announce: "This concludes the demonstration of the ALERTING TONE."
- "This concludes all signal demonstrations, regard all further signals as real."

Attachment 5.1-6

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ITEMS IN/NEAR
EMERGENCY PROTECTIVE EQUIPMENT KIT (OSC)

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED</u> +
Protective Clothing:		
Large	5	
XL	20	
XXL	10	
Gloves, size 8/9	35	
Totes:		
Large	15	
XL	20	
Glove Liners	50	
Disposable Shoe Covers	50	
Skull Caps	35	
Hoods	35	
Paper PCs	1 box	
Plastic PCs	1 box	
Masking Tape	5 rolls	
Battery Powered Air Samplers	0	3
2" Filter Paper	1 box	
Scott Air Packs	4	4
* Spare air cylinders, per each SCBA unit	1 hr	1 hr
CAM, AC Powered	1	1
Silver Zeolite Cartridge	6	6
Area Radiation Monitor	1	

- * Credit is allowed for spare cylinders at other staging locations on site to meet required inventory minimum quantities, provided that one hour spare air is available for all required inventory SCBA units.

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INSTRUCTIONS
EMERGENCY PROTECTIVE EQUIPMENT KIT (OSC) (Cont'd)

Passport Activity: HPSCHDOSCPCKIT

Location:

- Operations Support Center

Annually (and after use)

- Inventory contents and ensure required quantities are correct
- Replace all rubber protective clothing and masking tape

Monthly (and after use)

- Inventory instrumentation and ensure required quantities are correct
- Verify the number of silver zeolite cartridges are available
- Ensure expiration date of Silver Zeolite Cartridges will not be exceeded prior to the next quarterly check; however:
 - If contained in manufacturer's sealed bags, cartridges are good for ten years;
 - If contained in other than manufacturer's sealed bags, cartridges are good for one year.
 - Replace as required.
- Verify calibration dates will not be exceeded prior to the next monthly check, and replace as necessary:
 - HP Instrumentation
- Perform operational checks on the following equipment:
 - Area Radiation Monitor
 - AMS-3 CAM
 - Battery Powered Air Samplers

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EOF/ENOC EMERGENCY EQUIPMENT

- 5.2-1 Field Sampling Kit
- 5.2-2 Protective Clothing Kit
- 5.2-3 Air Sampling Kit
- 5.2-4 Instrumentation Kit
- 5.2-5 Decon Cabinet
- 5.2-6 Extra Protective Clothing
- 5.2-7 River Evacuation Monitoring Kit
- 5.2-8 River Evacuation Decontamination Kit
- 5.2-9 Decon Storage Area
- 5.2-10 Equipment for PASS

Attachment 5.2

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ITEMS IN/NEAR
FIELD SAMPLING KIT

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED +</u>
Case for Equipment		1
Plastic Bags (assorted)		60
Cubitainers (1 gallon)		15
Rubber Gloves		4 pair
Digging Tools (small)		3
Felt Tip Marker (permanent)		4
Note Pads (3x5)		3
Pens (black)		3
Masking Tape (2")		1 roll
Cutting Shears		1
Rubber Bands		1 box
Paper Towels		1 pkg.
Disposable Gloves		2 boxes
Smears and Holders		100
Radiation Signs		3
Barricade Tape		1 roll
Pocket Knife		1
Syphon Pump		1

+ Includes required quantities.

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INSTRUCTIONS
FIELD SAMPLING KIT (Cont.)

Passport Activities: FIELD SAMPLE KIT 1FS
 FIELD SAMPLE KIT 2FS
 FIELD SAMPLE KIT 3FS
 FIELD SAMPLE KIT 4FS

Locations:

- Kit 1FS - Field Team Cabinet Number 1, Kootenai Building Health Physics Center
- Kit 2FS - Field Team Cabinet Number 2, Kootenai Building Health Physics Center
- Kit 3FS - Field Team Cabinet Number 3, Kootenai Building Health Physics Center
- Kit 4FS - ENOC, Cabinet Number 4, MPF, 1st Floor, Room 201

Quarterly (and after use or if seal not intact):

- Inventory contents and ensure required quantities are correct.
- Check physical condition of contents and replace, as necessary.

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ITEMS IN/NEAR
PROTECTIVE CLOTHING KIT

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED +</u>
Case for Equipment		1
Hoods	2	3
Coveralls	2	3
Rubber Gloves	2 pair	3 pair
Rubber Boots	2 pair	3 pair
Masking Tape (2")	1 roll	2 rolls
Rain Suits		3
Razor and Shaving Cream		1 set
Plastic Bags		Assorted
Skull caps		3
Cotton glove liners		1 pkg.

+ Includes required quantities.

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INSTRUCTIONS
PROTECTIVE CLOTHING KIT (Cont.)

Passport Activities: PC KIT 1PC
 PC KIT 2PC
 PC KIT 3PC
 PC KIT 4PC

Locations:

- Kit 1PC - Field Team Cabinet Number 1, Kootenai Building Health Physics Center
- Kit 2PC - Field Team Cabinet Number 2, Kootenai Building Health Physics Center
- Kit 3PC - Field Team Cabinet Number 3, Kootenai Building Health Physics Center
- Kit 4PC - ENOC, Cabinet Number 4, MPF, 1st Floor, Outside Room 201

Quarterly (and after use or if seal not intact):

- Inventory contents and ensure required quantities are correct.
- Check physical condition of contents and replace, as necessary.

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ITEMS IN/NEAR
AIR SAMPLING KIT

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED</u> +
Case for Equipment		1
Portable Air Sampler	1	1
Model H809C Air Sampler Manual		1
Paper Filters	25	100
Note Pads (3x5)		3
Pens (Black)		3
Charcoal Cartridges	3	6
Tweezers		1
Silver Zeolite Cartridges	3	6
Spare Fuse		1
Stopwatch		1
Alligator Forceps		1

+ Includes required quantities.

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INSTRUCTIONS
AIR SAMPLING KIT (Cont.)

Passport Activities: AIR SAMPLE KIT 1AS
 AIR SAMPLE KIT 2AS
 AIR SAMPLE KIT 3AS
 AIR SAMPLE KIT 4AS

Locations:

- Kit 1AS - Field Team Cabinet Number 1, Kootenai Building Health Physics Center
- Kit 2AS - Field Team Cabinet Number 2, Kootenai Building Health Physics Center
- Kit 3AS - Field Team Cabinet Number 3, Kootenai Building Health Physics Center
- Kit 4AS - ENOC, Cabinet Number 4, MPF, 1st Floor, Room 201

Quarterly (and after use or if seal not intact):

- Inventory contents and ensure required quantities are correct.
- Check physical condition of contents and replace, as necessary .
- Verify air sampler calibration date will not be exceeded prior to the next quarterly check. Replace with a fresh calibrated air sampler as needed.
- Start-up air sampler.
- Perform operational check of stopwatch.
- Ensure expiration date of Silver Zeolite Cartridges will not be exceeded prior to the next quarterly check; however:
 - If contained in manufacturer's sealed bags, cartridges are good for ten years;
 - If contained in other than manufacturer's sealed bags, cartridges are good for one year.
 - Replace as required.
- Verify charcoal packets are sealed and if not sealed, replace.

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ITEMS IN/NEAR
INSTRUMENTATION KIT

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED +</u>
Case for Equipment		1
Low Range Dose Rate Meter (MicroR)	1	1
High Range Dose Rate Meter (Ion Chamber)	1	1
Count Rate Meter (w/G-M Pancake Probe)	1	1
Portable Radio (located in kit)	2	
Radio battery (1 in kit, 1 in radio storage cabinet)	2	
++ Check Source Cs-137		1
KI Tablets	2 bottles	2 bottles
Calculator		1
D-Cell Batteries		8
9-Volt Batteries		4
Note Pads (3x5)		3
Pens (black)		3
Battery Lantern (D - Cell)		1
Flashlight		1
Packet Containing (In lid pocket of equipment case)		1
- Credit Card		1
Wood Stakes, Survey Markers (In Cabinet)		10
First Aid Kit (In Cabinet)		1

+ Includes required quantities.

++ Source is stored in a shielded container (pig) in the radio storage cabinet

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INSTRUCTIONS
INSTRUMENTATION KIT (Cont.)

Passport Activities: QTRLY INST KIT 1IK
 QTRLY INST KIT 2IK
 QTRLY INST KIT 3IK
 QTRLY INST KIT 4IK
 CHANGEOUT RADIOS

Locations:

- Kit 1IK - Field Team Cabinet Number 1, Kootenai Building Health Physics Center
- Kit 2IK - Field Team Cabinet Number 2, Kootenai Building Health Physics Center
- Kit 3IK - Field Team Cabinet Number 3, Kootenai Building Health Physics Center
- Kit 4IK - ENOC, Cabinet Number 4, MPF, 1st Floor, Outside Room 201

Quarterly (and if used or if seal not intact):

- Inventory contents and ensure required quantities are correct.
- Check physical condition of contents and replace, as necessary.
- Ensure portable instrument calibration dates will not be exceeded prior to the next quarterly check. Replace with fresh calibrated instruments as needed.
- Perform operational checks:
 - Portable instruments (battery check)
 - Calculator
 - Battery lantern
 - Flashlight
- Ensure expiration dates will not be exceeded prior to the next quarterly check:
 - Credit cards
 - Iodine tablets

Annually:

- Replace radios (obtain replacement radios and batteries from radio/battery cabinet in the Kootenai Building Room 118A next to decon showers and deliver replaced radio/batteries to Telecommunications for operational check).

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ITEMS IN/NEAR
DECON CABINET

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED +</u>
Skin/Clothing Contamination Report (968-24080)		20
Clip board		1
Red markers		1
Black markers		5
Ink pens		3
3" x 5" note pads		3
Smears		1,000
Masking tape		1 roll
Cotton tip applicators		2,000
Yellow magenta tape		1
Bottles Pax-land soap		2
Scrubbing sponges		2
Lava soap		1
Ivory soap		2
Soft scrub brushes		2
Moist towelettes		200
4" x 4" gauze sponges		200
3" x 3" gauze sponges		300
Scissors		1
Paper towels		500
Blank signs		5
Paper coveralls		6
Rubber gloves		6 pr
Plastic booties		20 pr
Count Rate Meter (w/Alpha Probe)		1
Count Rate Meter (w/G-M Pancake Probe)		1
Yellow plastic bags		20
Clear plastic bags		20
Extra soap		2
Kim Wipe Tissue		1 box
Small Disposable Cups		1 box
Saline Solution		1 bottle
++ Camera, Polaroid (Mod. Impulse) with film		1
Tape Recorder, Dictaphone (Mod. 1252)		1

- + Includes required quantities.
- ++ Ensure film has not exceeded its expiration date

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INSTRUCTIONS
DECON CABINET (Cont.)

Passport Activity: DECON CABINET

Location:

- DC - Emergency Cabinet Number 14, Kootenai Building Health Physics Decon Shower Area

Quarterly (and after use or if seal not intact):

- Inventory contents and ensure required quantities are correct.
- Check physical condition of contents and replace, as necessary.
- Ensure calibration/expiration dates will not be exceeded prior to next quarterly check, and replace as needed:
 - Portable instrument
 - Chemicals
- Perform operational check on portable instruments (battery check).

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ITEMS IN/NEAR
EXTRA PROTECTIVE CLOTHING

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED</u> +
Case for Equipment		1
Coveralls		25
Plastic Shoe Covers		20 Pairs
Disposable Gloves		1 Box
Rubber Gloves		5 Pair
Hoods		12
Masking Tape		5 Rolls
Rubber Boots		2 Pair

+ Includes required quantities.

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INSTRUCTIONS
EXTRA PROTECTIVE CLOTHING (Cont.)

Passport Activities: EXTRA PC KIT 1XP
 QTRLY CHK PC KIT 2PC

Location:

- Kit 1XP - Emergency Cabinet Number 6, Kootenai Building Health Physics Center
- Kit 2XP - Emergency Cabinet Number 6, Kootenai Building Health Physics Center

Quarterly (and after use or if seal not intact):

- Inventory contents and ensure required quantities are correct.
- Check physical condition of contents and replace, as necessary.

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ITEMS IN/NEAR
RIVER EVACUATION MONITORING KIT

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED +</u>
Dosimeter Charger		1
Pocket Dosimeter:		
0-5 R	2	3
0-500 mR	2	3
High Range Dose Rate Meter (Ion Chamber)	1	1
Low Range Dose Rate Meter (microR)	1	1
++ Check Source		1
KI Tablets	2 bottles	2 bottles
Coveralls		3 pair
Hoods		3
Shoe covers		3 pair
Rubber gloves		3
Surgical gloves		1 box
Rain suits		3
Tape, masking		1 roll
Pens		5
Portable Radio	1	1
Radio headset		1
Writing Tablet		1
Personnel Exposure Record		5
Emergency Response Log (968-23895)		1 Pad

+ Includes required quantity.

++ Source is stored in a shielded container (pig).

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INSTRUCTIONS
RIVER EVACUATION MONITORING KIT (Cont.)

Passport Activities: RIVER EVAC MON KIT

Location:

- Kit 1RM - Cabinet Number 4, MPF, 1st Floor, Outside Room 201

Quarterly (or after use or if seal not intact):

- Inventory contents and ensure required quantities are correct.
- Check physical condition of contents and replace, as necessary.
- Ensure calibration/expiration dates will not be exceeded prior to next quarterly check and replace as needed:
 - Potassium Iodide (KI) tablets
 - Dose rate meter
- Perform operational checks:
 - Portable instrument (battery check)
 - Dosimeter charger
 - Radio

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ITEMS IN/NEAR
RIVER EVACUATION DECONTAMINATION KIT

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED +</u>
Dosimeter Charger		1
Pocket Dosimeter:		
0-5 R	2	3
0-500 mR	2	3
Bucket (in Cabinet)		1
Sponges		5
Soap		2
Toweling, disposable		10
Ribbon, Rad. Barrier		2 rolls
Signs, Rad. Warning w/inserts		4
Coveralls	2	5
Hoods	2	5
Shoe covers	2 pair	5 pair
Rubber gloves	2 pair	10 pair
Surgical gloves		1 box
Rain suits		3
Tape		1 roll
Plastic bags (50 gal. yellow)		2
Count Rate Meter		
(w/G-M Pancake Probe)	1	1
++ Check Source		1
Portable Radio	1	1
KI Tablets	2 bottles	2 bottles
Pens		5

+ Includes required quantity.

++ Source is stored in a shielded container (pig).

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INSTRUCTIONS
RIVER EVACUATION DECONTAMINATION KIT (Cont.)

Passport Activities: RIVER EVAC DECON KIT

Location:

- Kit 1RD - Emergency Cabinet Number 4, MPF, 1st Floor, Outside Room 201

Quarterly (and after use or if seal not intact):

- Inventory contents and ensure required quantities are correct.
- Check physical condition of contents and replace, as necessary. If otherwise in good condition, it is not necessary to open sealed containers to count individual items.
- Ensure calibration/expiration dates will not be exceeded prior to next quarterly check and replace as needed:
 - Portable instruments
 - Potassium Iodide (KI) tablets
- Perform operational checks:
 - Portable instrument (battery check)
 - Dosimeter charger
 - Radio

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ITEMS IN/NEAR
DECON STORAGE AREA

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED</u> +
Stanchions		20
Rad. Rope spools		2
Rad. signs w/asst. inserts		20
Coveralls		4 cases
Protective clothing		20 sets
Rubber boots		10 pair
Rain suits		25
Plastic booties (yellow)		1 case
Totes (shoe covers)		100 pair
Rubber gloves		100 pair
Cotton glove liners		200 pair
Surgical gloves		5 boxes
Duct tape		20 rolls
Check source		1
Count Rate Meter (w/GM Pancake Probe)	1	3
Extra Probes/cables		3
High Range Dose Rate Meter (Ion Chamber)	1	2
Liquid soap		1 case
Granular hand soap		5 lbs
Cotton applicators		1 box
Envelopes (3" x 5")		1 box
Surgical scrub brushes		20
Smears		2 boxes
Plastic bags (50 gal., yellow)		2 rolls
Plastic bags (12" x 24", yellow)		1 roll
KI Tablets	3 containers	3 containers
Sponges		50
Buckets		6
Toweling		2 cases
Blankets		24
Collapsible water containers (1 gal)		5
Dosimeter Charger (with spare battery)		1
Vacuum Cleaners (12 volt)		3
Step off pads		2
+ Includes required quantities.		

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ITEMS IN/NEAR
DECON STORAGE AREA (Cont.)

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED</u> +
Ground Cover		1
Pocket Dosimeter (0-500 mR)		4
Legal pads		1 box
Pens		2 boxes
Clipboards		5
Emergency Response Log (968-23895)		1 pad

+ Includes required quantities.

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INSTRUCTIONS
DECON STORAGE AREA (Cont.)

Passport Activity: DECON SUPPLIES

Location:

- MPF Room 1-208A

Quarterly (and after use or if seal not intact):

- Inventory contents and ensure required quantities are correct.
- Check physical condition of contents and replace, as necessary.
- Ensure calibration/expiration dates will not be exceeded prior to next quarterly check and replace as needed:
 - Portable instruments
 - Chemicals
 - Iodine Tablets
- Perform operational checks:
 - Portable instrument (battery check)
 - Dosimeter charger

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EQUIPMENT FOR PASS

Passport Activity: EOF EQUIPMENT PASS

<u>Locations:</u>		<u>REQUIRED</u>	<u>DESIRED</u> +
Hoist - Crane	- (Ambulance Bay)	1	1
Ramp	- (Counting Room)		1
Handle for Cask	- (Counting Room)		1
Tongs	- (Chemistry Lab)	1	2
Syringes and Needles	- (Chemistry Lab)		4
Serum Bottles	- (Chemistry Lab)		4
pH Meter Probe	- (Chemistry Lab)	1	1

Quarterly:

- Inventory contents and ensure required quantities are correct.
- Check physical condition of contents and replace, as necessary

+ Includes required quantities.

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CONTENTS

HOSPITAL RADIOLOGICAL EMERGENCY KIT

<u>ITEM</u>	<u>REQUIRED</u>	<u>DESIRED +</u>
Action Cards Set		1
Body Outline Sketches		5
Clipboard		1
Marking Pens		2
Masking Tape (2") Rolls		2
Paper or Plastic Floor Covering Kit		1
Paper Pads (Note Pads)		2
Pencils and/or Pens		6
Plastic (cover Air Inlets and equipment)		Assorted
Procedures		4 copies
Radiation Control Signs		5
Radiation Rope		Assorted
Radiation Tags		5
Radiation Tape		1 Roll
Scissor		1
Smears and Envelopes		25
Count Rate Meter (w/G-M Pancake Probe)	1	1
Dose Rate Meter	1	1
TLDs (Includes 1 Control TLD)		7
Decontamination Kit		1
-Bulb Syringe		
-Ivory Soap		
-Hand Brush		
-Lava Soap		
-Potassium Permanganate		
Protective Clothing Sets		6
-Coveralls		
-Hood		
-Shoe Covers		
-Surgeon Gloves & Masks		
-Plastic Bags		8

+ Includes required quantities.

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INSTRUCTIONS

HOSPITAL RADIOLOGICAL EMERGENCY KIT

PTL Activities: KADLEC EMERGENCY KIT, R 153967
KENNEWICK EMERGENCY KIT, R 153968
LOURDES EMERGENCY KIT, R 153969

Locations:

- Kit 1HK - Kadlec Medical Center Emergency Room Storage Cabinet
- Kit 2HK - Kennewick General Hospital Emergency Room Entrance Area
- Kit 3HK - Our Lady of Lourdes Hospital Nuclear Medicine Area

Quarterly (and after each use):

- Inventory contents and ensure required quantities are correct.
- Check physical condition of contents and replace items, as needed.
- Ensure portable instrument calibration and TLD dates will not be exceeded prior to quarterly check.
- Verify that all procedures and action cards are the current revision.

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EMERGENCY PLANNER COMMUNICATIONS SYSTEM TESTS

PASSPORT Activities: OFFSITE COMM DRILL

PTL Activity: NRC PHONE TESTING, R 153957
PHONE LIST, R 153960

Monthly: (Required)

- Perform test (by two-way communication) of the following dedicated telephone lines:
 1. Crash System - establish ring-down and two-way communications satisfactorily between the Security Communications Center (SCC) and:
 - a. Control Room
 - b. State of Washington
 - c. Benton County
 - d. Franklin County
 - e. Department of Energy - Hanford Operations
 2. NRC Off-Site Emergency Notification System (ENS) - establish two-way communications satisfactorily between the USNRC Operations Center and:
 - a. Control Room
 - b. Technical Support Center (TSC)
 - c. Emergency Operations Facility (EOF)
 3. NRC Health Physics Network (HPN);
Reactor Safety Counterpart Link (RSCL);
Protective Measures Counterpart Link (PMCL); and
Management Counterpart Link (MCL) - establish these two-way communications satisfactorily at the:
 - a. Control Room
 - b. Technical Support Center (TSC)
 - c. Emergency Operations Facility (EOF)

NOTE: Report unsatisfactory test results on Items 2 and 3 to the NRC Operations Center, via standard telephone using the numbers provided in the Emergency Phone Directory.

- Verify backup meteorological sources are available per PPM 13.8.1.

Quarterly:

- Verify accuracy of Emergency Phone Directory. Revise and reissue, as needed.

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COMMUNICATIONS SYSTEM TESTS

Passport Activities: EMERG.FAX TEST
SIREN POLLING TEST
EXCLUSION AREA SIREN
DEDICATED PHONE TEST
OPSSCHD135
EOF RADIOS
CHANGEOUT RADIOS
OSC RADIO BATTERIES
AAP CONSOLE
COMM CONSOLE #2
COMM CONSOLE #3
EOF RADIOS
RADIO CONTROLLERS

PTL Activities: ERDS Test, R 150208
Pager Test, R 153965
NRC Phone Testing, R 153957
Data Circuit Testing, R 153956

A. Facsimile Network (Required)

Locations:

- Control Room
- Technical Support System
- Security Communications Center (SCC)
- Emergency Operations Facility
- Joint Information Center
- State of Washington Emergency Operations Center
- Benton County Emergency Operations Center
- Franklin County Emergency Operations Center
- Department of Energy-Richland (DOE-RL)

Monthly:

- Perform operational check of the facsimile transmission network by two-way transmission.

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COMMUNICATIONS SYSTEM TESTS (Cont.)

B. Siren System (Required)

Monthly:

- Document performance of bimonthly siren system status tests.

NOTE: Growl testing is not applicable to this siren system.

Annually

- Perform full operational test of siren system.

C. Dedicated Telephone Systems (Required)

Monthly:

- Test all lines of the following:
 - Emergency Response Crash System
 - Emergency Response Dial-up System
 - Emergency Response Ring-down System

Quarterly:

- Test all lines of the following:
 - Emergency Response Public Information Officer Network

D. Data Circuits (Required)

Monthly:

- Check status of data circuits between Energy Northwest facilities by ensuring terminals in the TSC and EOF are accessing plant data. {3.4}

Quarterly

- Perform ERDS testing. Refer to EPI-15.

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COMMUNICATIONS SYSTEM TESTS (Cont.)

E. Field Team Radios (Required)

Monthly

- Perform operational check on portable radios and batteries.

Annually:

- Check per FCC requirements.

G. Fire Brigade Team Equipment (Required)

Monthly:

- Perform operational checks on portable radios (OSC).

Annually:

- Perform operational FCC checks on portable radios (OSC).

H. Communication Consoles (Required)

Locations:

- 1CC - Security Communications Center (1)
- 2CC - Central Alarm Station (1)
- 3CC - Secondary Alarm Station (1)
- 4CC - EOF Logistics Area (3)

Monthly:

- Perform operational check (by two-way transmission) on all channels.

I. Pagers (Required)

Quarterly:

- Perform quarterly activation test.

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COMMUNICATIONS SYSTEM TESTS (Cont.)

J. Auto Dialer (Required)

Quarterly:

- Perform quarterly activation test.

K. Radio Controllers (Required)

Locations:

- DOE Safety, Station 51- Dose Assessment
- Field Monitoring, KNBG 237 - Dose Assessment
- LERN Channel, KOM 785 - Logistics Area
- Security Area Wide Channel, KZI 509 - Logistics Area
- TSC1 - Technical Support Center
- TSC2 - Technical Support Center
- RSD1 - Remote Shutdown Room
- OSC1 - Operations Support Center

Monthly

- Perform two-way transmission check on all channels.

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BUILDING 100 MEDICAL EQUIPMENT AND SUPPLIES

ITEMS IN/NEAR Building 100

	<u>Minimum</u>
Supplies:	
Alcohol Pads	1 box
Betadine Pads	1 box
4x4 gauze sponges	1 box
CPR Barriers	1
Assorted sizes of Band-Aids	1 box
Blood Pressure Cuffs	2
Stethoscopes	2
Sterile Water	1 bottle
Assorted sizes of Bandage Tape	1 box
Cotton Balls	1 box
Tubular Elastic Dressings	1 box
Convenience Bags	1
Infection Control Clean-up Kit	1
Cotton Tipped Applicators	1 box
ACE Wraps	2
O2 Masks with tubing	2
Airways	6
Trauma Dressing	2
Burn Sheet	1
Obstetric Kit	1
Oxygen Cylinder	1
Gloves	1 box
Hydrogen Peroxide	1
Hot/cold Packs	1 box
Gauze, 4 or 5 inch rolls	5
Topical antibiotic ointment	2 tubes

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INSTRUCTIONS

BUILDING 100 MEDICAL EQUIPMENT AND SUPPLIES (Cont.)

PTL: R-161201

Quarterly (and after major use):

- Verify oxygen cylinder full (needle is the green band). If low, replace with full one.
- Check oxygen regulator.
- Inventory contents and ensure required quantities are correct.
- Check physical condition of contents and replace items, as necessary.
- Ensure expiration/calibration dates of equipment/supplies will not be exceeded prior to next quarterly check.
- Perform operational checks as appropriate.

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EMERGENCY CENTER EQUIPMENT AND SUPPLIES

- 5.7-1 Instructions Emergency Centers
- 5.7-2 Control Room Inventory List
- 5.7-3 Technical Support Center Inventory List
- 5.7-4 Operations Support Center Inventory List
- 5.7-5 Emergency Operations Facility Inventory List
- 5.7-6 Alternate EOF Inventory List
- 5.7-7 Security Communications Center Inventory List
- 5.7-8 EOF Engineering Library Inventory List
- 5.7-9 Joint Information Center Inventory List

Attachment 5.7

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INSTRUCTIONS
EMERGENCY CENTERS

Quarterly:

- Perform inventory and ensure required quantities are correct.
- When performing the EOF inventory, take the Global Position System (GPS) units outside and turn them on to refresh the memory. Turn the power off when done.
- Check physical condition of center contents.
- Verify potassium iodide (if present) will not exceed expiration date prior to next quarterly check.
- Perform operational checks on center contents as appropriate to insure all listed equipment is functional.
- Arrange replacement of missing items, as necessary.
- Check the calibration dates on the electronic dosimeters will not be exceeded before the next inventory activity.

NOTE: No equipment inventory is established for an Alternate OSC because its location will be determined by plant conditions. Therefore, the person in charge at the OSC and support personnel that are requested to staff the Alternate OSC will need to determine what equipment should be relocated from the primary OSC to the Alternate OSC location.

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CONTROL ROOM

Passport Activity: OPSSCHD164

INVENTORY LIST

<u>Item</u>	<u>Required</u>	<u>Desired</u> +
Columbia Generating Station Emergency Plan (Shift Manager's Office)		1
Emergency Plan Implementing Procedures (Vol. 13) (One in MCR, one in Shift Manager's Office)	1 Set	2 Sets
Technical Support Guidelines (TSG) (Six binders in Shift Managers Office)		1 Set
Emergency Phone Directory (One in Shift Manager's Office, one in CRS Desk)	1	2
Classification Notification Forms (968-24075)	25	50
After Action Report Forms		25
Emergency Response Log (968-23895)		1 Pad
Potassium Iodide Bottles (Shift Manager's Desk)	30 Bottles	50 Bottles
Facsimile Machine	1	1
Ink Cartridge HP51626A	1	2
Event Notification Worksheet, NRC Form 361 (968-25665)	25	50
SCOTT SCBA	6	6
*Spare Cylinders per each unit	1 hr.	1 hr.

+ Includes required quantities.

* Staged 501' TG west

Attachment 5.7-2

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TECHNICAL SUPPORT CENTER

PTL Activity: TSC Inventory, R 153961

INVENTORY LIST

<u>Item</u>	<u>Required</u>	<u>Desired</u> ++
Printer/Plotter Device (HP DeskJet 1600C)	1	1
Schematic Printer (D-Scan)	1	
Aperture Card Reader/Printer	1	1
+Emergency Response Data System (ERDS) User's Manual		1
Classification Notification Forms (968-24075)	25	50
Event Notification Worksheet, NRC Form 361 (968-25665)	25	
Repair Team Briefing/Debriefing Form (968-25560)	25	
Emergency Director Turnover Sheet (968-25810)	25	
10 Mile EPZ Dose Projection and Data Map Form (968-25831)	25	
After Action Report Forms		25
Battery powered lanterns	2	
Emergency Equipment Cabinet Key Box Mounted on Side of Cabinet (Key is there and glass front is intact)	1	
Sign in Board		1
Ten-Mile Emergency Planning/Plume Zone Map		2
Washington State Road Atlas		1
Protective Action Recommendation Flow Charts		1 Set
Site Map		1
Clock (24 hour display)		1
Electronic White Boards (Plant Status, Significant Events)		2
Containers of Miscellaneous Office Supplies (pens, pencils, tape, markers, staplers, etc.)		As Needed
Individual Position Baskets		As Required for designated positions
• Pad of paper		1
• Pad of Emergency Response Log Forms		1
• Position Badge		1
• Miscellaneous Office Supplies (pens, pencils, etc.)		As Needed

+ Custodian is Administrative Services.
++ Includes required quantities.

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TECHNICAL SUPPORT CENTER

INVENTORY LIST (Cont.)

<u>Item</u>	<u>Required</u>	<u>Desired</u> ++
IBM Dose Projection PC with Monitor	1	
Laserjet Printer	1	
Full set of EOPs		1
EAL Matrix from PPM 13.1.1 (full size)		1
EAL Matrix from PPM 13.1.1 (half size)		1
Emergency Classification/Protective Action Status Board		1
System Description Manuals		1 set
FAX Machine	1	
Columbia Generating Station Emergency Plan		1
INPO Resources Manual		1
Emergency Phone Directories		4
Cordless PA Microphone		2
Scientific Calculator		2
Individual Position Specific Procedures for the Following:		
TSC Manager	1	
TSC Technical Manager	1	
Operations Manager	1	
Radiation Protection Manager	1	
Maintenance Manager	1	
Administrative Services Manager	1	
TSC Admin Support	1	
Plant/NRC Liaison	1	
Information Coordinator	1	
Chemistry/Effluent Manager	1	
TSC Manager Secretary	1	
KI tablets	25 packages	25 packages
Technical Support Guidelines (TSG)		1 set

++ Includes required quantities

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OPERATIONS SUPPORT CENTER

PTL Activity: OSC Inventory, R 153962

INVENTORY LIST

<u>Item</u>	<u>Required</u>	<u>Desired</u> ++
Columbia Generating Station Emergency Plan	1	1
Emergency Plan Implementing Procedures (Vol. 13)	1 Set	1 Set
Emergency Phone Directory	1	2
Shielding Evaluation Report	1	1
Sign in Board		1
Plant Status Board		1
OSC Team Locator Tiles		1
Electronic White Board		1
Site Map		1
Clock (24 hour display)		1
After Action Report Forms		25
Radio - Base Station	1	1
Radio - Portable	2	6
HP Radiation Exposure Records, Reports of		
Training and Medical Records		1 Set
+ Complete Set of EWD Drawings		1 Set
+ Set of AED Top Tier Drawings		1 Set
Battery - Powered Razor		1
KI Tablets	25 packages	25 packages
Individual Position Specific Procedures for the Following:		
OSC Manager	1	
HP Lead	1	
Craft Lead, Mechanical	1	
Craft Lead, I&C	1	
Craft Lead, Electrical	1	
Team Tracker	1	
Containers of Miscellaneous Office Supplies (pens, pencils, tape, markers, staplers, etc.)		As Needed
Individual Position Baskets		As Required for designated positions
• Pad of paper		1
• Pad of Emergency Response Log Forms		1
• Position Badge		1
• Miscellaneous Office Supplies (pens, pencils, etc.)		As Needed

++ Includes required quantities.

+ Maintained also as part of Clearance Order Review Committee (CORC) files.

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EMERGENCY OPERATIONS FACILITY

PTL Activity: EOF Inventory, R 153964

INVENTORY LIST

<u>Item</u>	<u>Required</u>	<u>Desired +</u>
Columbia Generating Station Emergency Plan:		
Emergency Operations Area		1
Dose Assessment Area		1
Oregon Columbia Generating Station/Hanford Emergency Response Plan		1
Emergency Plan Implementing Procedures: (Vol. 13)	2 Sets	3 Sets
Emergency Operations Area		
Dose Assessment Area		
Emergency Phone Directory:	4	6
Emergency Operations Area		
Dose Assessment Area		
Logistical Support Area		
INPO Emergency Resources Manual		1
NRC Telephone Directory		1
Washington State Road Atlas		2
Sign in Boards		1 Set
System Description Manual		1 Set
Ten-Mile Emergency Planning Plume Zone Map		1
Fifty-Mile Emergency Planning Ingestion Zone Map		1
Electronic White Board		1
Plant Status Board (Electronic White Board)		1
Protective Action Checklists (SAE & GE)/PAR Flow Charts		1 Set
Station Cutaway Poster		1
Clock (24 hour display)	1	2
Individual Position Signs		As required
Classification Notification Forms (968-24075)	25	50
After Action Report Forms		50
Binder Containing Maps of Local Areas	1	1
Information Coordinator Remote Headset	1	1
Cordless Phone		2
Containers of Miscellaneous Office Supplies (pens, pencils, tape, markers, staplers, etc.)		As Needed
Individual Position Baskets		As Required for designated positions
• Pad of paper		1
• Pad of Emergency Response Log Forms		1
• Position Badge		1
• Miscellaneous Office Supplies (pens, pencils, etc.)		As Needed
Benton County Emergency Plan	1 Set	1 Set
Franklin County Radiological Emergency Response:		
Energy Northwest	1 Set	1 Set
Washington State Emergency Plan		1
FEMA Manual for Guidance on Offsite Emergency		
Radiation Measurement Systems		1
Area Radiation Monitor (Victoreen)		1
+ Includes required quantities.		

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EMERGENCY OPERATIONS FACILITY

INVENTORY LIST (Cont.)

<u>Item</u>	<u>Required</u>	<u>Desired</u> +
LAN Laser Printer	1	1
Overhead Projector		1
Dose Projection PCs	2	3
KI Tablets	75 packages	75 packages
EDPS User's Manual		1
State Response Procedures for Radiation Emergencies		1
Plant 2 Plume Exposure Pathway Field Team Map Booklets		4
Plant 2 50 Mile Ingestion Exposure EPZ Map		1
Evacuation Route/Assistance Center Map		1
Tri-Cities Map		2
SAE/GE Radiological EAL Chart		1
PPM 13.1.1 Wall Chart		1
Columbia Generating Station Site Map		1
Plume EPZ Field Team Display Map		1
Plant 2 Vicinity Map		1
Radio Console with Microphone (DOE Safety and Field Team) 2		2
Radio Console (Weather Station Monitor)		1
Radio Dispatch Headset (with push-to-talk clip-on adapters, in cabinet)		2
GPS Units		3
Packets containing Applicable Field Team Operating Procedures and Forms		6 ++
- 10 mile and 50 mile EPZ Map Books		1 in each Field Team Packet
- Clipboard with Tablet		1 in each Field Team Packet
- Emergency Response Log (968-23895)		1 in each Field Team Packet

+ Includes required quantities

++ (3 packets in MUDAC cabinet; 3 packets at the Hdqtrs/MPF cabinet, outside room 201)

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EMERGENCY OPERATIONS FACILITY

INVENTORY LIST (Cont.)

<u>Item</u>	<u>Required</u>	<u>Desired</u> +
Individual Volume 13 Procedures for the Following:	1	
EOF Manager		
Assistant EOF Manager		
Radiological Emergency Manager		
Dose Projection HP		
Engineering Manager (includes PPM 9.3.22)		
Offsite Agency Coordinator		
Site Support Manager		
Security Manager		
EOF PIO		
EOF Manager's Secretary		
Cordless PA Microphone	1	
Audio Link Headsets for Crash Phone		12
Technical Support Guidelines (TSG)		1 Set
Electronic Dosimeters, in "Enter" mode	12	

+ Includes required quantities

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ALTERNATE EOF INVENTORY LIST

PTL Activity: Alternate EOF Inventory, R 156869

INVENTORY LIST

<u>Item</u>	<u>Required</u>	<u>Desired</u>
WASH DOH State Response Procedures for Radiation Emergencies		1
Plant 2 Plume Exposure Pathway Field Team Map Booklet		1
Benton County Emergency Response Plan		1
Franklin County Emergency Response: WNP-1		1
WASH. DEM Comprehensive Emergency Management Plan		1
Technical Support Guidelines (TSG)		1 Set
EAL Tables 3 & 4 Chart		1
PPM 13.1.1 Wall Chart		1
SAE Protective Action Checklist		1
GE Protective Action Checklist		1
Offsite PAR Flow Chart		1
Meteorological and Plume Data Status Board		1
Plume EPZ Map with Lat./Long.		1
Fifty Mile Emergency Planning Zone Map with Lat./Long.		1
Emergency Phone Directories		4
Classification Notification Forms (968-24075)		25

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SECURITY COMMUNICATIONS CENTER

PTL Activity: ALT ACCESS POINT

INVENTORY LIST

<u>Item</u>	<u>Required</u>	<u>Desired</u> +
EPIP Position Book		1 Book
Emergency Phone Directory	1	1
Classification Notification Forms (968-24075)	25	50
After Action Report Forms		25
Emergency Response Log (968-23895)		1 Pad
KI Tablets	6 packages	6 packages

+ Includes required quantities.

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EOF ENGINEERING LIBRARY

PTL Activity: EOF Records Room, R 144294

INVENTORY LIST

<u>Item</u>	<u>Required</u>	<u>Desired</u> + +
Columbia Generating Station Emergency Plan	1	1
Shielding Evaluation Report	1	1
+ Top Tier Drawing List (E556)	1	1
Technical Specifications	1	1
Plant Operating Procedures	1 Set	1 Set
Columbia Generating Station Final Safety Analysis Report	1 Set	1 Set
Top Tier Drawings	1 Set	1 Set
Aperture Card Reader/Printer	1	1
INPO Emergency Resources Manual		1
Set of AED/CVI Aperture Cards		1 Set
Washington State Emergency Response Plan (Controlled Manual Holder's Copy No. 73)		1
Washington State Response Procedures for Radiation Emergencies (Controlled Manual Holder's Copy No. 105)		1
Benton County Emergency Response Plan (Controlled Manual Holder's Copy No. 30)		1
Franklin Country Emergency Response: Energy Northwest		1

+ Quarterly

Ensure that document contains the most recent published revision.

+ + Includes required quantities.

Attachment 5.7-8

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JOINT INFORMATION CENTER

PTL Activity: JIC Equipment, R 153963

INVENTORY LIST

<u>Item</u>	<u>Required</u>	<u>Desired</u> +
Columbia Generating Station Emergency Plan		1
Emergency Plan Implementing Procedures	1 Set	1 Set
Emergency Phone Directory	1	4
Columbia Generating Station Systems Manuals (9 Volumes)		1 Set
Media Information Packages		15
Slides Representing Plant Systems (in Auditorium Projection Booth)		1 Set
Clock		3
TV Monitor (broadcast)	1	2
AM-FM Receiver	1	1
Headphones	2	2
EBS Radio Monitor		2
Fifty-Mile Emergency Planning Ingestion Zone Map		1
Ten-Mile Emergency Planning Plume Zone Map		1
Evacuation Route/Assistance Center Map		3
After Action Report Forms		25
Emergency Response Log (968-23895)		1 Pad
Phone Team Resource Books		10
Plant Status Update (968-25918)		1 pad
Office Supplies		++

+ Includes required quantities.

++ Per posted inventory on cabinet, Room 1-222

Attachment 5.7-9

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VENTILATION RADIATION MONITORING

Passport Activity: EOF HVAC TESTING

HVAC (Required)

Location:

- Emergency Operations Facility (EOF)

Quarterly

- Perform radiological check of HVAC in accordance with HPI 7.45 with assistance from Facilities personnel for verification.
- Document this check by signing the Passport task sheet and return it to the PM Program Group.

Attachment 5.8

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FACILITIES SYSTEMS TESTS

Passport Activities: AMA CF 52
OFMA HF 1H
OFMA HF 1C
EOF HVAC TESTING
HDQTRS AND EOF DG
HDQTRS & EOF DG, QTR

A. HVAC (Required)

Location:

- Emergency Operations Facility (EOF)

Quarterly

- Perform electrical check of HVAC in accordance with manufacturer's specifications.
- Verify radiological check with assistance from HP Operations personnel.
- Document this check by signing the Passport task sheet and return it to the PM Program Group.

B. 18 Months

- Perform Carbon and HEPA DOP tests for the applicable EOF and TSC units.

C. Diesel Generators (Required)

Locations:

- ENOC
- Kootenai/PSF/Emergency Operations Facility (EOF)
- Deschutes/Plant Engineering Facility

Monthly

- Perform load test of diesel generators in accordance with manufacturer's specifications.

Quarterly

- Verify operation of transfer switch in accordance with manufacturer's specifications.

Attachment 5.9

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EMERGENCY RESPONSE DATA SYSTEM (ERDS)

Data Point Library Reference

<u>EPN</u>	<u>TDAS</u>	
APRM-CH-A	X194	{3.5} { 3.6}
CMS-H2E-1301/CMS-CP-1301	X471	
CMS-LT-6A	X354	
CMS-02E-1302/CMS-CP-1302	X456	
CMS-PT-5	X442	
PRM-LCRM-1C	X392	
CMS-RIS-27E	X432	
CMS-SUM-1	X118	
COND-LT-40A	X434	
COND-LT-40B	X373	
EDR-SQRT-37	X181	
FDR-SQRT-38	X167	
HPCS-FT-5	X122	
IRM-EMSQ-601A	X184	
LPCS-FT-3	X164	
MS-LT-26A	X130	
RFW-CRM-L104	X159	
MS-PT-51A	X151	
MS-RIS-610A	X169	
OG-RIS-601A	X088	
RCIC-FT-3	X142	
RFW-DPT-17	X327	
RFW-FT-802A	X149	
RFW-FT-802B	X135	
RHR-FT-15A	X163	
RHR-FT-15B	X043	
RHR-FT-15C	X058	
SPTM-SUM-1	X355	
SRM-EMSQ-600A	X296	

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EMERGENCY RESPONSE DATA SYSTEM (ERDS) (Cont'd)

The following computer points have the instrument loop listed.

<u>EPN</u>	<u>SIGNAL</u>	<u>COMPUTER POINT</u>
MET-TE-10A	Average Temp - 245'	F146AV {3.5} {3.6}
MET-TE-11A	Average Temp - 33'	
MET-WMON-1A	Average Wind Speed - 245'	F142AV
	Average Wind Speed - 245'	F143AV
MET-WMON-2A	Average Wind Speed - 33'	F144AV
	Average Wind Dir. - 33'	F145AV