

DISTRIBUTION - VOLUME 13

<u>Control Copy</u>	<u>Location</u>	<u>Mail Drop</u>
2	*Control Room (501) (IOM to CRS)	927A
3	*Shift Manager	927A
5	Licensed Training	1027
6	*Simulator	1027
12	PEC Library	PEC
25	Bruce Bond	911
26	Region IV, NRC	----
28	Region IV, NRC	----
30	EOF Support Engineering Library	1050
31	*TSC Emergency Response	927A
35	NRC Resident Inspector	----
52	State of Washington, Military Department	----
55	Federal Emergency Mgmt. Agency	----
57	Benton County Dept of Emerg. Mgmt.	----
58	*WNP-2 Security (SAS-CR) (13.1.1, 13.4.1, 13.5.1, 13.5.3, 13.5.5, 13.10.8, 13.11.10, 13.12.19, 13.13.4)	927A
59	*WNP-2 Security (CAS-AAP) (13.1.1, 13.4.1, 13.5.1, 13.5.3, 13.5.5, 13.10.8, 13.11.10, 13.12.19, 13.13.4)	927A
60	WNP-2 Security	988A
63	Emergency Training	PE30
64	*Radwaste Control Room (467)	927A
66	*Simulator, Shift Manager	1027
68	*Remote Shutdown Room (467) (13.1.1, 13.2.1, 13.2.2, 13.4.1, 13.5.1, 13.10.1, 13.10.9)	927A
75	Dept. of Health Radiation Protection	----
78	*Control Room - (501) STA's Desk	927A
83	*MUDAC	1020
86	*Simulator - STA's Desk	1034
87	Document Control Desk, NRC	----
+ +90	*Joint Information Center	PE30
94	*EOF	1050
97	*EOF	1050
114	EP Manager	PE30
127-130 (4)	Licensed Training	1027
132	Licensed Training	1027
134-136 (3)	*MUDAC Field Team Kits (13.9.1, 13.9.5, 13.9.8, 13.13.4, 13.14.4)	1050
+ +137	*MPF Field Team Kits (13.7.5, 13.9.1, 13.9.5, 13.9.8, 13.13.4, 13.14.4)	PE30
142	Hanford UDAC	----
146	FEMA RX Liaison	----
155	*Maintenance Library (Memo to Georgia)	927A
160	*OSC Emergency Support	927A
161	Equipment Operator Training	1027
164	Oregon State Dept. of Energy	----
218	U.S. Nuclear Regulatory Commission	----
219-221 (3)	Licensed Training	1027
223	Franklin County Emergency Management	----

+ + Procedure Control assures delivery is arranged/made to J. Ittner

* Level 1 File

A045



INTEROFFICE MEMORANDUM

DATE: October 18, 2000

TO: Distribution

FROM: *B. D. Francisco*
Procedure Control, Administrative Services, (927A)

SUBJECT: **PLANT PROCEDURES MANUAL - VOLUME 13
PACKAGE NO. 2000-496**

REFERENCE:

This package contains EDITORIAL CHANGES, please replace the pages located in your manual with the attached pages:

<u>Procedure</u>	<u>Affected Pages</u>
13.1.1A	3, 133, 135, 140, and 141
13.14.4	57, 59, 60, 62, and 65

To verify receipt or cancellation of the subject Procedure(s), please sign, date and return this receipt to Procedure Control, MD 927A within TEN (10) WORKING DAYS of the date of this IOM. Or the receipt may be FAXED back to (509)377-2476

Energy Northwest
Procedure Control (Mail Drop 927A)
PO Box 968
Richland, WA 99352

Date

Signature of Manual Holder

87
Controlled Copy Number

DATE 10/18/00

EDITORIAL PACKAGE

**THE ATTACHED ARE EDITORIAL CHANGES.
REPLACE THE PAGES LOCATED IN YOUR
MANUAL WITH THE PAGES IN THIS PACKAGE.
PLEASE BE CAREFUL WHEN FILING THIS
PACKAGE AS THERE ARE NO COLORED SHEETS
BETWEEN EDITORIALS.**

13.1.1A

13.14.4

REFERENCES, (cont'd)

- 2.17 NUREG-0654/FEMA-REP-1, Rev. 1, Appendix 1 ("Basis For Emergency Action Levels For Nuclear Power Facilities")
- 2.18 WNP-2 Safeguards Contingency Plan
- 2.19 PPM 4.12.1.1, Control Room Evacuation and Remote Cooldown
- 2.20 PPM 4.12.4.2, Flood
- 2.21 ABN-WIND, Tornado/High Winds
- 2.22 PPM 4.12.4.10, Reactor Building 422' Area Flooding
- 2.23 PPM 5.0.10, EOP Flowchart Training Manual
- 2.24 PPM 5.1.2, RPV Control-ATWS
- 2.25 PPM 5.1.7, Primary Containment Flooding
- 2.26 PPM 9.3.22, Core Damage Evaluation

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8 Hazards 8.4 Natural Events

8.4.U.2 Unusual Event

NUMARC IC: HU1 - Natural and destructive phenomena affecting the Protected Area Boundary.

APPLICABILITY:

Operating Conditions

1	2	3	4	5	def
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EMERGENCY ACTION LEVEL:

Weather Service projected winds GT 80 mph

OR

CR measured winds GT 66 mph (5 minute average at 33 ft)

OR

Report by plant personnel confirming the occurrence of a tornado striking within the Protected Area Boundary

BASES:

This event is a natural and potentially destructive phenomena that may accompany certain events such as a tornado or hurricane. These sustained high winds may also be produced by unstable weather conditions. However this event occurs, it may be a precursor to a more serious event and, therefore, represents a potential degradation in the level of safety of the plant.

A tornado touching down within the Protected Area is an observed event with the potential to cause damage to structures containing systems or functions necessary for the safe shutdown of the plant. As such, the occurrence of a tornado strike represents a potential degradation in the level of safety of the plant. If structural damage is confirmed, this event would be escalated to Alert 8.4.A.2. If it is determined that the occurrence of the tornado strike has either affected or caused the loss of shutdown cooling functions, then the consequences of the event are assessed under event category 7.1, "System Failures". The event may then be escalated via this category if appropriate.

REFERENCE(S):

NUMARC NESP-007, Methodology for Development of Emergency Action Levels, Rev. 2, Unusual Event HU1

WNP-2 Tornado/High Winds, ABN-WIND

WNP-2 Plant Specific EAL Guideline, HU1.1

Attachment 4.1

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8 Hazards 8.4 Natural Events

8.4.U.4 Unusual Event

NUMARC IC: HU1 - Natural and destructive phenomena affecting the Protected Area Boundary.

APPLICABILITY:

Operating Conditions	1	2	3	4	5	def
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EMERGENCY ACTION LEVEL:

Visible ash fallout from volcanic activity

BASES:

In May of 1980, Mount St. Helens volcano erupted. Prevailing winds spread up to 1/4" of volcanic ash on the WNP-2 site, with much heavier concentrations of ash several miles north of the site. Ash can clog diesel-generator air intakes and can be highly abrasive to rotating machinery. This event represents a potential degradation in the level of safety of the plant.

REFERENCE(S):

NUMARC NESP-007, Methodology for Development of Emergency Action Levels, Rev. 2, Unusual Event HU1

WNP-2 Design Basis Ash Fallout, ABN-ASH

WNP-2 Plant Specific EAL Guideline, HU1.3

Attachment 4.1

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This list was developed from equipment locations identified in FSAR Table 3.2-1, Seismic Category I. Equipment in Safe Shutdown Buildings is identified in FSAR Table 3.2-1, Seismic Category I.

REFERENCE(S):

NUMARC NESP-007, Methodology for Development of Emergency Action Levels, Rev. 2, Unusual Event HA1

ABN-WIND, WNP-2 Tornado/High Winds

FSAR Table 3.2-1

WNP-2 Plant Specific EAL Guideline, HA1.2

Attachment 4.1

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8.4.A.3 Alert

NUMARC IC: HA1 - Natural and destructive phenomena affecting Safe Shutdown Buildings.

APPLICABILITY:

Operating Conditions

1	2	3	4	5	def
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EMERGENCY ACTION LEVEL:

Ash fallout from volcanic activity is severe enough to warrant plant shutdown

BASES:

In May of 1980, Mount St. Helens volcano erupted. Prevailing winds spread up to 1/4" of volcanic ash on the WNP-2 site, with much heavier concentrations of ash several miles north of the site. Ash can clog diesel-generator air intakes and can be highly abrasive to rotating machinery. Should the Ash fallout be severe enough to warrant plant shutdown, the event additionally represents a potential for substantial degradation in the level of safety of the plant.

This EAL is intended to address events that may have resulted in Safe Shutdown Buildings being subjected to forces beyond design limits and, thus, damage may be assumed to have occurred to safe shutdown systems. The initial "report" should not be interpreted as mandating a lengthy damage assessment prior to classification. No attempt is made in these EALs to assess the actual magnitude of the damage. Escalation to a higher emergency class, if appropriate, will be based on the specific system malfunctions, fission product barrier degradation, abnormal radiological releases, or Emergency Director judgment ICs.

REFERENCE(S):

NUMARC NESP-007, Methodology for Development of Emergency Action Levels, Rev. 2, Unusual Event HA1

WNP-2 Design Basis Ash Fallout, ABN-ASH

WNP-2 Plant Specific EAL Guideline, HA1.4

Attachment 4.1

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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
Facsimile Machine Spare Paper Roll	1	2
Event Notification Worksheet, NRC Form 361 (968-25665)	25	50

+ Includes required quantities.

Attachment 5.7-2

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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	
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> ++
WNP-2 Emergency Plan		
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.

Attachment 5.7-4

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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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SECURITY COMMUNICATIONS CENTER

Passport 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
NEFAX Paper (Spare)		1 Roll
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.

Attachment 5.7-7

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