



Kewaunee Nuclear Power Plant
N490, State Highway 42
Kewaunee, WI 54216-9511
920-388-2560

Operated by
Nuclear Management Company, LLC



November 1, 2000

10 CFR 50, App. E

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Ladies/Gentlemen:

Docket 50-305
Operating License DPR-43
Kewaunee Nuclear Power Plant
Radiological Emergency Response Plan Implementing Procedures

Pursuant to 10 CFR 50 Appendix E, Wisconsin Public Service Corporation hereby submits one copy of the latest revisions to the Kewaunee Nuclear Power Plant Radiological Emergency Response Plan Implementing Procedures (EIPs). These revised procedures supersede the previously submitted procedures.

Pursuant to 10 CFR 50.4, two additional copies of this letter and attachment are hereby submitted to the Regional Administrator, U. S. Nuclear Regulatory Commission, Region III, Lisle, Illinois. As required, one copy of this letter and attachment is also submitted to the Kewaunee Nuclear Power Plant NRC Senior Resident Inspector.

Sincerely,

Kenneth H. Weinbauer
Assistant Site Vice President

DLF

Attachment

cc - US NRC Senior Resident Inspector, w/attach.
US NRC, Region III (2 copies), w/attach.
Electric Division, PSCW, w/o attach.
QA Vault, w/attach.

A045

KEWAUNEE NUCLEAR POWER PLANT

October 24, 2000

EMERGENCY PLAN IMPLEMENTING PROCEDURES TRANSMITTAL FORM

RETURN TO DIANE FENCL - KNPP

OUTSIDE AGENCY COPIES (1-20)

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T. Webb - NRC Region III (2 & 3)*	Craig Weiss - Wisconsin Power & Light (11)
T. Webb - NRC Resident Inspector (4) (receives Appx. A phone numbers)*	
T. Webb - State of Wisconsin (5)*	
T. Webb - KNPP QA Vault w/NRC Letter (15)*	

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T. Keneklis (30)	D. Masarik (32)	D. Seebart (24)	B. Bartelme (34)
J. Bennett (33)	D. Mielke (35)	J. Mueller (13)	K. Weinbauer (28)

REFERENCE COPIES - CUSTODIAN (41-100) These copies are for general reference by anyone. They are distributed throughout the plant and corporate offices. The named individual is the responsible custodian for the procedures and shall insure they are properly maintained.

STF (86, 87, 88)	LOREB - STF (62, 67, 68, 70, 72, 73, 74)
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QP Library - KNPP (59)	Resource Center (82, 89, 94, 131)
C. Sternitzky - ATF-2 (44)	D. Schrank - Maintenance Off. (41)
D. Braun - Admin. Bldg. Upper (45)	M. Anderson - CR/SS Office (51, 56)
P. Ehlen - I&C Office (42)	L. Renier-Hicks - GB-D2 Nuclear (84)
M. Daron - Security Building (46)	J. Mueller - TSC (50)
L. Renier-Hicks - GB-D2 Nuclear EOF (77)	C. Long - RAF (53)
J. Mueller - OSF (52)	C. Long - SBF/EMT (54)
C. Hutter - ATF-1 (64)	C. Long - RPO (55)
LOREB - ATF-1 (66)	

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C. Long - RAF/RPO (106, 107)	M. Anderson - CR/Communicator (116)(Partial Distribution)
C. Long - SBF/ENV (108, 109)	Simulator/Communicator (117)
C. Long - SBF/EM Team (110, 111, 111A)	J. Fletcher - Security (121)
C. Long - Aurora Medical Center (118, 119)	N. Deda - Security Building (120)
W. Flint - Cold Chem/HR Sample Room (113)	K. Evers (125)
N. Deda - SBF/SEC (114)	J. Stoeger (126)

Originals to KNPP QA Vault

Please follow the directions when updating your EPIP Manual. **WATCH FOR DELETIONS!!!** These are controlled procedures and random checks may be made to ensure the manuals are kept up-to-date.

***THIS IS NOT A CONTROLLED COPY. IT IS A COPY FOR INFORMATION ONLY.**

KEWAUNEE NUCLEAR POWER PLANT
REVISION OF EMERGENCY PLAN IMPLEMENTING PROCEDURES
October 24, 2000

Please follow the directions listed below. If you have any questions regarding changes made to the EPIPs, please contact Dave Seebart at ext. 8719. If you are a controlled copy holder (see cover page), return this page to Diane Fencel by November 24, 2000, SIGNED AND DATED to serve as a record of revision.

EPIP Index, dated 10-24-2000.

DELETE		INSERT	
PROCEDURE	REV.	PROCEDURE	REV.
EP-EOF-2	W	EPIP-EOF-02	X
EP-EOF-12	N	EPIP-EOF-12	O
EP-FIG-009	A	Figure EPIPFG-EOF-12-01 (1 copy filed after EPIP-EOF-12 & 1 copy filed after Form EPIPF-EOF-02-01)	B
EP-FIG-024	ORIG	Figure EPIPFG-EOF-12-02 (filed after EPIP-EOF-12)	A
EP-FIG-035	B	Figure EPIPFG-APPX-A-06-06 (filed after EPIP-EOF-12)	C
EPIP Form EOF 2.1	Q	Form EPIPF-EOF-02-01	R
EPIP Form EOF 2.2	J	Form EPIPF-EOF-02-02	K
EPIP Form EOF 12.1	F	Form EPIPF-EOF-12-01	G

I CERTIFY Copy No. _____ (WPSC No.) of the
Kewaunee Nuclear Power Plant's EPIPs has been
updated.

SIGNATURE

DATE

Please return this sheet to **DIANE FENCL**.



Diane Fencel

Enclosure

EMERGENCY PLAN IMPLEMENTING PROCEDURES

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EP-AD			
EPIP-AD-01	Personnel Response to the Plant Emergency Siren	F	03-28-2000
EPIP-AD-02	Emergency Class Determination	Z	03-07-2000
EPIP-AD-03	KNPP Response to an Unusual Event	AA	04-18-2000
EPIP-AD-04	KNPP Response to Alert or Higher	AB	04-18-2000
EP-AD-5	Site Emergency	Deleted	04-27-87
EPIP-AD-05	Emergency Response Organization Shift Relief Guideline	B	08-29-2000
EP-AD-6	General Emergency	Deleted	04-24-87
EPIP-AD-07	Initial Emergency Notifications	AL	09-26-2000
EP-AD-8	Notification of Alert or Higher	Deleted	02-26-96
EP-AD-9	Notification of Site Emergency	Deleted	04-27-87
EP-AD-10	Notification of General Emergency	Deleted	04-27-87
EP-AD-11	Emergency Radiation Controls	P	08-10-99
EP-AD-12	Personnel Assembly and Accountability	Deleted	03-26-94
EP-AD-13	Personnel Evacuation	Deleted	04-25-94
EP-AD-13A	Limited Area Evacuation	Deleted	03-01-83
EP-AD-13B	Emergency Assembly/Evacuation	Deleted	03-01-83
EP-AD-13C	Site Evacuation	Deleted	03-01-83
EP-AD-14	Search and Rescue	Deleted	05-25-94
EPIP-AD-15	Recovery Planning and Termination	N	08-29-2000
EP-AD-16	Occupational Injuries or Vehicle Accidents During Emergencies	Deleted	03-14-97
EP-AD-17	Communications	Deleted	03-05-84
EPIP-AD-18	Potassium Iodide Distribution	N	06-01-2000
EP-AD-19	Protective Action Guidelines	O	06-23-98
EP-ENV			
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EPIP-ENV-02	Environmental Monitoring Team Activation	W	06-15-2000

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EP-ENV-3A	Environmental Protection Director Actions and Directives	Deleted	09-26-84
EP-ENV-3B	EM Team Actions	Deleted	09-26-84
EPIP-ENV-03C	Dose Projection Using RASCAL Version 2.2 Software	U	02-16-2000
EP-ENV-3D	Revision and Control of ISODOSE II	Deleted	02-14-95
EP-ENV-3E	Manual Determination of X/Q	Deleted	04-24-87
EP-ENV-3F	Manual Determination of X/Q (Green Bay Meteorological Data)	Deleted	05-30-86
EP-ENV-3G	Manual Dose Projection Calculation	Deleted	06-02-89
EP-ENV-3H	Protective Action Recommendations	Deleted	04-13-90
EPIP-ENV-04A	Portable Survey Instrument Use	S	06-15-2000
EPIP-ENV-04B	Air Sampling and Analysis	V	09-12-2000
EP-ENV-4C	Environmental Monitoring Teams	Deleted	04-13-90
EPIP-ENV-04C	Ground Deposition Sampling and Analysis	V	09-12-2000
EPIP-ENV-04D	Plume Tracking for Environmental Monitoring Teams	M	09-12-2000
EP-ENV-5A	LCS-1 Operation	Deleted	04-14-86
EP-ENV-5B	MS-3 Operation	Deleted	04-14-86
EP-ENV-5C	SAM II Operation	Deleted	04-14-86
EP-ENV-5D	PAC-4G (Alpha Counter) Operation	Deleted	04-14-86
EP-ENV-5E	Reuter-Stokes Operation	Deleted	08-27-85
EP-ENV-6	Data Analysis, Dose Projections and Protective Action Recommendations	Deleted	12-21-81
EP-ENV-6	Alternate Sample Analysis and Relocation of EM Team	Deleted	04-14-86
EP-ENV-6A	Relocation of Site Access Facility (Habitability)	Deleted	03-23-84
EP-ENV-6B	SAF Environmental Sample Analysis Relocation	Deleted	03-23-84
EP-ENV-7	Site Access Facility Communications	Deleted	09-26-84
EP-ENV-8	Total Population Dose Estimate Calculations	Deleted	04-14-86

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EP-EOF			
EP-EOF-1	Corporate Emergency Response Organization	Deleted	03-11-94
EPIP-EOF-2	Emergency Operations Facility (EOF) Activation	X	10-24-2000
EPIP-EOF-03	Corporate Action for Unusual Event	Z	06-01-2000
EPIP-EOF-04	Corporate Action for Alert or Higher	AF	06-01-2000
EP-EOF-5	Corporate Staff Action for Site Emergency	Deleted	04-24-87
EP-EOF-6	Corporate Staff Action for General Emergency	Deleted	04-24-87
EP-EOF-7	Notification of Unusual Event	Deleted	04-06-94
EP-EOF-8	Relocation of EOF	Deleted	03-01-83
EPIP-EOF-08	Continuing Emergency Notifications	S	09-26-2000
EP-EOF-9	Interface with Support Organizations	Deleted	03-05-84
EP-EOF-9	Notification of Site Emergency	Deleted	04-24-87
EP-EOF-10	Notification of General Emergency	Deleted	04-24-87
EPIP-EOF-11	Internal Communication and Documentation Flow	T	06-01-2000
EPIP-EOF-12	Media Center/Emergency Operation Facility/Joint Public Information Center Security	O	10-24-2000
EP-OP			
EP-OP-1	Control Room Emergency Organization	Deleted	04-24-87
EP-OP-2	Emergency Control Room Activation for Emergency Response	Deleted	04-24-87
EP-OP-3	Control Room Communications	Deleted	04-24-87
EP-OSF			
EP-OSF-1	Operation Support Facility Emergency Organization	Deleted	04-24-87
EPIP-OSF-02	Operational Support Facility Operations	S	08-29-2000
EPIP-OSF-03	Work Requests During an Emergency	N	09-12-2000
EP-OSF-4	Operational Support Facility Communications	Deleted	04-24-87
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EP-RET-2A	RPO - RAF Activation	Q	07-27-99
EP-RET-2B	Gaseous Effluent Sample and Analysis	Q	03-03-98
EP-RET-2C	Containment Air Sampling and Analysis	Deleted	03-01-83
EP-RET-2D	Emergency Radiation Entry Controls and Implementation	L	07-27-99
EP-RET-2E	Handling of Injured Personnel	Deleted	04-16-96
EP-RET-2F	Personnel Decontamination	Deleted	04-13-90
EPIP-RET-03	Chemistry Emergency Team	O	02-01-2000
EP-RET-3A	Liquid Effluent Release Paths	K	01-12-99
EP-RET-3B	Post-Accident Reactor Coolant Alternate Sampling Procedure	Deleted	01-25-88
EP-RET-3C	Post Accident Operation of the High Radiation Sample Room	O	01-18-2000
EP-RET-3D	Containment Air Sampling Analysis Using CASP	M	01-18-2000
EP-RET-3E	Post Accident Operation of High Rad Sample Room Inline Multiported Count Cave	Deleted	08-27-85
EP-RET-4	SBF Activation	P	07-27-99
EP-RET-4A	EOF Radiological Monitoring	Deleted	03-10-83
EP-RET-4A	SBF Operation/Relocation	C	07-27-99
EP-RET-4B	Radiological Controls at Site Access Facility	Deleted	07-12-94
EP-RET-4C	Site Radiological Monitoring	Deleted	07-12-94
EP-RET-4D	SAM-II Operation	Deleted	07-12-94
EP-RET-5	Plume Projection	Deleted	09-26-84
EPIP-RET-05	Site Boundary Dose Rates During Controlled Plant Cooldown	G	07-18-2000
EP-RET-5A	Plume Projection	Deleted	04-27-87
EP-RET-6	Dose Projection	Deleted	04-24-87

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EPIP-RET-08	Contamination Control of the Aurora Medical Center	O	06-15-2000
EPIP-RET-09	Post-Accident Population Dose	K	08-29-2000
EP-SEC			
EP-SEC-1	Security Organization	Deleted	04-24-87
EPIP-SEC-02	Security Force Response to Emergencies	U	03-28-2000
EP-SEC-2A	Manual Activation of Emergency Sirens	Deleted	04-16-82
EPIP-SEC-03	Personnel Assembly and Accountability	X	03-28-2000
EPIP-SEC-04	Security Force Actions for Dosimetry Issue	O	02-16-2000
EP-SEC-5	Security Force Response to the EOF	Deleted	07-28-88
EPIP-SEC-05	Personnel Evacuation	E	02-16-2000
EP-TSC			
EP-TSC-1	Technical Support Center Organization and Responsibilities	O	04-01-99
EPIP-TSC-02	Technical Support Center Activation	R	07-18-2000
EP-TSC-3	Plant Status Procedure	T	07-21-98
EPIP-TSC-04	Emergency Physical Changes, Major Equipment Repair	L	08-29-2000
EP-TSC-5	Technical Support Center Communications Equipment	Deleted	04-24-87
EP-TSC-6	Assessment of Reactor Core Damage	Deleted	09-30-86
EPIP-TSC-07	RV Head Venting Time Calculation	H	03-07-2000
EPIP-TSC-08A	Calculations for Steam Release from Steam Generators	M	03-07-2000
EPIP-TSC-08B*	STMRLS Computer Program	E	03-07-2000
EP-TSC-8C*	See EP-TSC-8B	Deleted	04-16-92
* EP-TSC-8B was totally deleted; therefore, EP-TSC-8C was changed to EP-TSC-8B			

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EP-TSC-9	Core Damage Assessment Using Released Radionuclides	Deleted	09-30-86
EP-TSC-9A*	Core Damage Assessment	I	02-23-99
EPIP-TSC-09B*	CORE Computer Program	I	03-07-2000
EP-TSC-9C*	See EP-TSC-9B	Deleted	04-16-92
* EP-TSC-9A, Rev. D was totally deleted; therefore, EP-TSC-9B became EP-TSC-9A. EP-TSC-9B was previously EP-TSC-9C.			
EPIP-TSC-10	Technical Support for IPEOPs	H	07-18-2000

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APPX-A-6	EP-FIG-005		Floor Plan - Site Boundary Facility	ORIG	03-03-98
APPX-A-6	EP-FIG-008		Floor Plan - Radiological Analysis Facility	ORIG	03-03-98
EPIP-EOF-12 Form EPIPG-EOF-02-01	EP-FIG-009	EOF-12-01	Division Office Building (2nd Floor) Floor Plan	B	10-24-2000
APPX-A-6	EP-FIG-012		Floor Plan - State/County Work Area (D2-1)	B	09-21-99
APPX-A-6	EP-FIG-013		Floor Plan - NRC Work Area (D2-4)	ORIG	03-03-98
EP-AD-19	EP-FIG-014		Population Distribution by Geographical Sub-Areas	ORIG	06-23-98
APPX-A-6	EP-FIG-022		Floor Plan - EOF	A	08-10-99
EPIP-EOF-12	EP-FIG-024	EOF-12-02	Map - Location of JPIC, MBC, GOB, DOB, etc.	A	10-24-2000
EP-SEC-5	EP-FIG-026		Site Map	A	07-21-98
APPX-A-6	EP-FIG-034		Floor Plan - Media Briefing Center	DEL	08-04-98
EPIP-EOF-12 APPX-A-6	EP-FIG-035	APPX-A-06-06	General Office Building - WPSC (1st Floor) Floor Plan	C	10-24-2000
APPX-A-6	EP-FIG-037		Floor Plan - Corporate Response Center	DEL	08-04-98
APPX-A-6	EP-FIG-038		Floor Plan - JPIC	DEL	08-04-98
EP-OSF-2	EP-FIG-039		High Priority Work	ORIG	07-08-98
EP-OSF-2	EP-FIG-039A		Lower Priority Work	ORIG	07-08-98
APPX-A-6	EP-FIG-043		JPIC - Federal Work Area	ORIG	08-04-98
APPX-A-6	EP-FIG-044		JPIC - State and County Work Area	ORIG	08-04-98
APPX-A-6	EP-FIG-045		JPIC - Utility Work Area	ORIG	08-04-98
RET-08	EP-FIG-046	RET-08-01	Aurora Medical Center Location	A	06-15-2000

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EPIP-APPX-A-2	Response Personnel Call List	BH	09-12-2000
EPIP-APPX-A-3	Off-Site Telephone Numbers	BJ	09-12-2000
APPX-A-6	WPSC Emergency Response Facility Telephone Listing	V	08-04-98

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AD 7.2	State Call-Back - Question Guideline	B	04-16-96
AD 11.1	Emergency Radiation Work Permit	F	04-16-96
EP-ENV			
ENV 1.1	Environmental Dispatch Area Activation Checklist	C	11-25-97
ENV 1.2	EMT Status	A	09-03-96
ENV 1.3	Meteorological and Plant Status Data	A	09-03-96
ENV 1.4	EMT Orders/Field Data	A	09-03-96
ENV-02-01	EMT Activation Checklist	M	06-15-2000
EP-EOF			
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EOF-02-02	EOF Deactivation Checklist	K	10-24-2000
EOF 4.1	SRCL Initial Action Checklist	B	09-16-97
EOF 4.2	Telephone Communications Log Sheet	ORIG	04-16-96
EOF 8.3	Fax for Emergency Declaration or Status Updates	F	09-21-99
EOF 8.5	Plant Emergency Status Report	ORIG	02-21-95
EOF 8.6	Radiological Status Report	C	03-14-97
EOF 11.2	Operating Status	E	02-14-95
EOF 11.3	Environmental Status Board	E	07-31-95
EOF-12-01	I.D. Badge Registration Form	G	10-24-2000
EP-OSF			
OSF 2.2	Maintenance Work in Progress	Deleted	07-08-98
OSF-03-01	Operational Support Facility Team Briefing	B	09-12-2000
EP-RET			
RET 2A.2	Emergency Sample Worksheet	D	04-16-96
RET 2B.1	Containment Stack Release (Grab Sample)	C	04-16-96
RET 2B.2	Auxiliary Building Stack (Grab Sample)	C	04-16-96

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RET 2B.4	Containment Stack (Sping Reading)	B	04-16-96
RET 2B.5	Steam Release	C	04-16-96
RET 2B.6	Field Reading (Grab Sample)	A	04-16-96
RET 4	SAM-II Counting Equipment Worksheet	D	04-16-96
RET 8.3	Hospital Survey 1	E	07-25-97
RET 8.4	Hospital Survey 2	Deleted	07-25-97
RET 8.5	Hospital Survey 3	Deleted	07-25-97
RET-08-06	Hospital Survey 4	F	06-15-2000
RET 9	Environmental TLD Record Sheet	C	02-14-95
EP-SEC			
SEC-03.01	Emergency Accountability Log	A	03-28-2000
SEC 4.1	Emergency Dosimeter Log	F	02-16-2000
EP-TSC			
TSC 1.1	Plant Status Summary for SAM Implementation	A	04-01-99
TSC 1.2	Severe Accident Management Summary and Strategy Recommendation	A	04-01-99
TSC 1.3	Severe Accident Management - Status	A	04-01-99
TSC 2.1	TSC and OSF Activation Checklist	N	04-01-99
TSC 2.2	TSC Ventilation Checklist	H	04-01-99
TSC 2.3	Emergency Response Data System (ERDS) Link Initiation Checklist	F	04-01-99
TSC 2.4	TSC Chart Recorder Operation Checklist	C	04-01-99
TSC 2.5	TSC and OSF De-activation Checklist	ORIG	04-01-99
TSC 3.1	Plant System Status	K	02-14-95
TSC 3.2	Plant Equipment Status	K	08-12-97
TSC 3.3	Environmental Status Board	I	04-16-96
TSC 3.4	Radiation Monitors	G	02-14-95
TSC-04-01	Emergency Physical Change Request	F	08-29-2000
TSC-04-02	Emergency Physical Change Safety Review	F	08-29-2000

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TSC 8A.1	Steam Release Data Sheet (Energy Balance)	G	02-14-95
TSC 8A.2	Steam Release Calculation Sheet (Energy Balance)	F	02-14-95
TSC 8A.3	Steam Release Data/Calculation Sheet (Open Valve)	D	02-14-95
TSC 8A.4	Steam Release Data/Calculation Sheet (STMRLS Program)	C	04-16-96
TSC 9A.1	Core Damage Based on Reactor Vessel Level & Fuel Rod Temp.	C	02-14-95
TSC 9A.2	Core Damage Based on Radiation Monitors	C	02-14-95
TSC 9A.3	Cs-134 and Cs-137 PCF Determination	D	04-16-96
TSC 9A.4	Core Damage Based on Activity Ratios	C	02-14-95
TSC 9A.5	Core Damage Assessment (Monitoring Data)	D	04-16-96
TSC 9A.6	Core Damage Summary	C	02-14-95

WISCONSIN PUBLIC SERVICE CORP. Kewaunee Nuclear Power Plant <i>Emergency Plan Implementing Procedure</i>		No. EPIP-EOF-02		Rev. X	
		Title Emergency Operations Facility (EOF) Activation			
		Date OCT 24 2000		Page 1 of 2	
Reviewed By <i>W. M. Booth</i>		Approved By <i>David R. Seebat</i>			
Nuclear Safety Related ☐ Yes ☒ No	PORC Review Required ☐ Yes ☒ No	SRO Approval Of Temporary Changes Required ☐ Yes ☒ No			

1.0 Purpose

- 1.1 This procedure provides instruction for activating the Emergency Operations Facility (EOF).

2.0 General Notes

- 2.1 Telephone numbers and location of staff positions for the EOF are located in EPIP-APPX-A-06.
- 2.2 A general description of communications equipment is contained in EPIP-APPX-A-01. These descriptions may be helpful in resolving minor problems with the equipment.

3.0 Precautions and Limitations

- 3.1 If any of the actions on Form EPIP-EOF-02-01 cannot be satisfied in a reasonable period of time, the problem should be noted on the Form. Consideration of activation should not be delayed for problems with individual actions on Form EPIP-EOF-02-01. The Emergency Response Manager (ERM) will make the decision whether the EOF can be activated prior to resolution of problems.

4.0 Initial Conditions

- 4.1 The EOF shall be activated for an Alert, Site Emergency, General Emergency, or at the discretion of the ERM.

5.0 Procedure

5.1 Activation

- 5.1.1 Complete "EOF Activation Checklist," Form EPIP-EOF-02-01.

- 5.1.2 IF communications or PC equipment problems are identified, THEN contact WPSC Information Technologies Service (ITS) at 7200 (after hours 7255) OR one of the telephone assistance numbers listed in EPIP-APPX-A-06 and state the following:

- Telephone number or system with the problem
- The nature of the problem
- That emergency service is needed

WISCONSIN PUBLIC SERVICE CORP. Kewaunee Nuclear Power Plant <i>Emergency Plan Implementing Procedure</i>	No.	EPIP-EOF-02	Rev.	X
	Title	Emergency Operations Facility (EOF) Activation		
	Date	OCT 24 2000	Page 2 of 2	

5.1.3 WHEN Form EPIPF-EOF-02-01 (Items 1 through 4) is completed, give the Form to the ERM for review and signature.

5.2 Deactivation

5.2.1 WHEN final conditions are met, complete "EOF Deactivation Checklist," Form EPIPF-EOF-02-02.

5.2.2 WHEN Form EPIPF-EOF-02-02 is completed, give the Form to the ERM for review and signature.

6.0 Final Conditions

6.1 Plant Emergency has been Terminated or Recovery actions have begun and the Emergency Response Manager has suspended the use of EIPs.

7.0 References

- 7.1 Kewaunee Nuclear Power Plant Emergency Plan
- 7.2 EPIP-APPX-A-01, Communication System Description
- 7.3 Form EPIPF-EOF-02-01, EOF Activation Checklist
- 7.4 Form EPIPF-EOF-02-02, EOF Deactivation Checklist
- 7.5 EPIP-APPX-A-06, WPSC Emergency Response Facility Telephone Listing
- 7.6 COMTRAK 88-169, Title Markers for the EOF Staff

8.0 Records

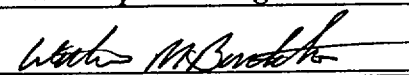
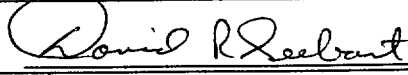
8.1 The following QA records and non-QA records are identified in this directive/procedure and are listed on the KNPP Records Retention Schedule. These records shall be maintained according to the KNPP Records Management Program.

8.1.1 QA Records

- EOF Activation Checklist, Form EPIPF-EOF-02-01
- EOF Deactivation Checklist, Form EPIPF-EOF-02-02

8.1.2 Non-QA Records

None

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Reviewed By 		Approved By 			
Nuclear Safety Related	☐ Yes ☒ No	PORC Review Required	☐ Yes ☒ No	SRO Approval Of Temporary Changes Required	☐ Yes ☒ No

1.0 Purpose

- 1.1 This procedure provides instruction for implementing security arrangements for Emergency Plan.

2.0 General Notes

- 2.1 None

3.0 Precautions and Limitations

- 3.1 All security stations will be staffed on a 24-hour per day basis unless mutually agreed upon by the Administrative Logistics Director (ALD) and the Security Leader.
- 3.2 Conflicts or misunderstandings concerning implementation of this procedure by the security company should be resolved promptly between the Security Leader and the ALD or the Emergency Response Manager (ERM).
- 3.3 IF unauthorized personnel interfere with the operation of the Emergency Operations Facility (EOF), doors marked by a circled "L" on Figure EPIPFG-EOF-12-01 can be locked. Keys for these doors can be found hung on the backside of the door in the EOF storage closet to be issued to EOF personnel as needed.

4.0 Initial Conditions

- 4.1 This procedure shall be implemented when the Kewaunee Nuclear Power Plant declares an Alert, Site Emergency, or General Emergency, or at the request of an Emergency Response Manager, OR upon notification from the Point Beach Nuclear Plant that the Joint Public Information Center (JPIC) and Media Briefing Center are needed in support of a declared emergency at their plant.

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5.0 Procedure

5.1 Administrative Logistics Director (ALD) or designee shall:

- 5.1.1 Contact Burns International Security Services, (920) 432-7336, and inform them of the following:

Note

*IF the answering service responds, **THEN** have them call their contact immediately.*

- Six (6) Security Officers and one (1) Security Leader are needed at the Wisconsin Public Service Corporation building complex
- The Security Team should bring eight (8) mobile radios for team communication
- They are to report to the Northeast entrance door under the skywalk of the Division Office Building (DOB-3)
- The team should park in the lots to the East of the building complex

Note

The Green Bay Parking Authority phone number is (920) 448-3431.

- 5.1.2 During normal work hours, contact Project and Facility Services at ext. 1270 and instruct them to call the Green Bay Parking Authority to have Wisconsin Public Service Corporation (WPSC) parking lot monitoring suspended until further notice.
- 5.1.3 Obtain the security instruction manual for all security stations from the EOF (Conference Room D2-3) sealed bookcase.
- 5.1.4 Obtain badges for Station 1 (Red Media) and Station 5 (Yellow EOF/JPIC) from the EOF file cabinet, second drawer.
- 5.1.5 Provide the instruction manual for Security Station 5 and the Yellow badges (EOF/JPIC) to an EOF Support Person and direct them to implement Section 5.2 of this procedure.
- 5.1.6 Provide the instruction manual for Security Station 6 and the Yellow badges (EOF/JPIC) to a second EOF Support Person and direct them to implement Section 5.3 of this procedure.

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5.1.7 Upon arrival of the Security Team:

- a. Transfer the remaining instruction and material packages and Station 1 (Red Media) badges to the Security Leader.
- b. Provide the Security Leader with three (3) Green WPSC Contractor badges, one (1) for himself and one (1) each for the Security Officers staffing Station 1 and Station 5.
- c. Answer any questions the Security Leader may have and inform him how you can be reached.
- d. Obtain a security force radio from the Security Leader.
- e. Accompany the Security Team Leader while he staffs the security stations.
- f. When the security stations are staffed, introduce the Security Leader to the Nuclear Public Information Director (NPID).

5.1.8 When Final Conditions (See Section 6.0) are met:

- a. Inform the Security Leader of the event close-out so he can release his personnel.
- b. Ensure that the Security Leader returns all security instructions and material packages to the EOF.
- c. Ensure any doors that were locked in steps 5.8 and 5.10 are unlocked.
- d. Ensure the completed Form EPIPFG-EOF-12-01 is placed in EOF master file.
- e. Ensure all security contractor time cards or invoices are properly processed.

5.2 The **EOF Support Person (1)** assigned by the ALD or his representative shall:

- 5.2.1 Obtain a small table and chair from the Copier Room located at the top of the stairs, in the first room on the left, Copier Room (D1) and put in place for Station 5 (See attached Figures EPIPFG-APPX-A-06-06, EPIPFG-EOF-12-02, EPIPFG-EOF-12-01, and the applicable instruction packages).
- 5.2.2 Until relieved by a contract Security Officer, follow the instructions for Station 5 as described in Section 5.9 of this procedure.
- 5.2.3 When the Security Team arrives, hold the Security Team in the hallway at the entrance for a briefing by the Administrative Logistics Director (ALD) or his designated representative.

5.3 The **EOF Support Person (2)** assigned by the ALD or his representative shall:

- 5.3.1 Hang signs as indicated on the floor plan for the Division Office Building (2nd Floor) (Figure EPIPFG-EOF-12-01) by a circled "P."

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5.3.2 During the activation stage of the Emergency Operations Facility (EOF)/Joint Public Information Center (JPIC), go through the EOF/JPIC and issue badges to personnel at their duty stations.

a. Confirm they are a representative of one of the following organizations.

- Wisconsin Public Service Corporation (WPSC) employees
- Wisconsin Electric Power Company (WEPCO) employees
- State of Wisconsin emergency response personnel
- Kewaunee County emergency response personnel
- Manitowoc County emergency response personnel
- US - Nuclear Regulatory Agency representatives
- Federal Emergency Management Agency representatives

b. Log them into the EOF or JPIC by instructing the individual to enter the following information on Form EPIPF-EOF-12-01:

- Printed last and first name
- Signature
- Organization Represented
- Work Phone Number

c. Complete Form EPIPF-EOF-12-01 by entering the "date" and "time in."

d. Issue them a Yellow (EOF/JPIC) badge.

5.3.3 When individuals present in the EOF and JPIC have been badged, turn any remaining badges and the completed Registration Form, Form EPIPF-EOF-12-01, over to Station 5.

5.3.4 Until relieved by a contract Security Officer, follow the instructions for Station 6 as described in Section 5.10 of this procedure.

5.4 **Security Leader shall:**

5.4.1 Review identification badge types with all Security Officers (See Attachment A).

5.4.2 Issue a Green WPSC Contractor badge to the Security Officers that will staff Station 1 and Station 5.

5.4.3 Assign a Security Officer with a radio to each Security Station 1 through 6, as described in Sections 5.5 through 5.10 of this procedure.

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5.4.4 Ensure each Officer understands his responsibilities as described in steps 5.3 through 5.8 of this procedure.

5.4.5 Ensure that each Security Station has the appropriate information and material package.

5.4.6 Ensure all Security Station radios are functional.

5.4.7 Wear the green "Contractor" Wisconsin Public Service Corporation (WPSC) security badge (See Attachment A for description) while in the building complex. This will allow you access through the electronically controlled external doors of the complex to facilitate Security Team movement outside the buildings.

5.4.8 Periodically tour all Security Stations.

5.4.9 Periodically check in with the Administrative Logistics Director (ALD) at the EOF on status of security activities.

5.5 **Security Station 1**, Security Officer at (700 N. Adams St.) Receptionist Area, (See attached Figure EPIPFG-APPX-A-06-06) shall:

5.5.1 Control access to the building:

- a. Allow entry to individuals with a Wisconsin Public Service Corporation (WPSC) badge, WPSC Contractor badge to badge (See Attachment A for description) themselves in (See Attachment A for description).
- b. Provide access for individuals with only a Red Media badge or Yellow EOF/JPIC badge (See Attachment A for description) using the electronic release button at the reception counter or your Green WPSC Contractor badge.

5.5.2 IF personnel require access to the Media Briefing area and do not have a Red Media badge or Yellow EOF/JPIC badge (See Attachment A for description), THEN:

- a. Require they show proper identification.
- b. Direct representative of the following organizations to Station 5 for issuance of a Yellow EOF/JPIC badge (See Attachment A for description):
 - Wisconsin Public Service Corporation (WPSC) employees
 - Wisconsin Electric Power Company (WEPCO) employees
 - State of Wisconsin emergency response personnel
 - Kewaunee County emergency response personnel

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- Manitowoc County emergency response personnel
- US - Nuclear Regulatory Agency representatives
- Federal Emergency Management Agency representatives

Note

Media representatives desiring access to the Media Briefing Center (MBC) must have an appropriate identification issued by an organization listed below.

- *Print (newspaper, magazine, etc.)*
- *Electronic (News services, Internet, etc.)*
- *Broadcast (television, radio, etc.)*

5.5.3 Log media representatives into the Media Briefing Center.

- Instruct the individual to enter the following information on Form EPIPF-EOF-12-01:
 - Printed last and first name
 - Signature
 - Organization Represented
 - Work Phone Number
- Complete Form EPIPF-EOF-12-01 by entering the "date" and "time in."
- Issue a Red Media identification badge (See Attachment A for description).
- Allow the individual access to the Media Briefing Center using the electronic release button at the reception counter or your WPSC Contractor badge.

5.5.4 IF an individual has no identification or identification seems out of order, THEN contact an Administrative Logistics Director (ALD) using the security radio.

5.5.5 When an individual leaves the complex for any reason other than emergency response duties, remind individual to:

- Leave the facility through the same security station where they logged in.
- Return the identification badge.

5.5.6 Maintain the check in logs until collected at the end of the event.

5.5.7 IF individuals check out through a security station other than the one at which they signed in, THEN radios can be used to notify the station with the log they are signed in on to log them out.

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5.6 **Security Station 2**, Security Officer at (700 N. Adams St.) East of Receptionist Area, (See attached Figure EPIPFG-APPX-A-06-06) shall:

- 5.6.1 Allow entry to individuals with a Yellow (EOF/JPIC) badge (See Attachment A for description) complete access to the facility including the Media Briefing Center (MBC).
- 5.6.2 If needed, provide directions for utility, Federal, State, and County response persons with Yellow (EOF/JPIC) badges (See Attachment A for description) who are unsure of the route to the Emergency Operations Facility(EOF)/Joint Public Information Center (JPIC).
- 5.6.3 Allow entry to individuals with a Wisconsin Public Service Corporation (WPSC) badge, WPSC Contractor badge access to WPS facilities.
- 5.6.4 DO NOT ALLOW Red MEDIA badged persons (See Attachment A for description) down the East or South walkway or up the Lobby elevators.
- 5.6.5 Inform all media of the availability of Conference Room G1-1 as a work area.
- 5.6.6 Provide directions for individuals with a Red Media badge (See Attachment A for description) to the MBC or media work area (Conference Room G1-1) via the West walkway.
- 5.6.7 When an individual leaves the complex for any reason other than emergency response duties, remind individual to:
 - a. Leave the facility through the same security station where they logged in.
 - b. Return the identification badge.
- 5.6.8 Allow individuals with Wisconsin Public Service Corporation (WPSC) or Yellow EOF/JPIC identification badge (See Attachment A for description) access to the MBC via the media access route.

5.7 **Security Station 3**, Security Officer at (700 N. Adams St.) Media Briefing Center (MBC) stage entrance to Conference Room G1-5 and G1-6 (See attached Figure EPIPFG-APPX-A-06-06) shall:

- 5.7.1 Ensure that only personnel with Yellow EOF/JPIC identification badges (See Attachment A for description) access into the MBC through the stage entrance.
- 5.7.2 DO NOT ALLOW Red MEDIA badged persons (See Attachment A for description) down the East or South walkway or up the Lobby elevators.

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5.8 **Security Station 4**, Security Officer at (700 N. Adams St.) North end of Media Briefing Center (MBC) Conference Room G1-5 and G1-6 (See attached Figure EPIPFG-APPX-A-06-06) shall:

- 5.8.1 Ensure that the doors leading to the inside stairwell are in the locked position. The allen wrench enclosed in the information package for Security Station 4 will release the door from open to the locked position.
- 5.8.2 Ensure that individuals in your field of view have a Red (Media) or Yellow (EOF/JPIC) identification badge (See Attachment A for description).
- 5.8.3 Direct those who do not have proper identification to Station 1.
- 5.8.4 Control the crowd and ensure that no unauthorized individuals enter the Media Center through the North external doors.

Note

The Administrative Logistics Director (ALD) or alternate may be contacted using the security radio.

5.8.5 Requests to run cabling through the North external door must be approved by the ALD.

5.9 **Security Station 5**, Security Officer at (700 N. Adams St.) two-story Division Office Building (DOB) doorway below skywalk (See attached Figure EPIPFG-EOF-12-01) shall:

- 5.9.1 Control access to the building, allow entry to individuals with a Wisconsin Public Service Corporation (WPSC) badge, WPSC Contractor badge, or a Yellow EOF/JPIC badge (See Attachment A for description).
- 5.9.2 IF personnel require access to the Emergency Operations Facility(EOF)/Joint Public Information Center (JPIC) and do not have a Yellow EOF/JPIC badge (See Attachment A for description), THEN:

- a. Require they show proper identification.

Note

Individuals desiring access to the EOF/JPIC without an appropriate identification issued by their organization shall be identified by the Administrative Logistics Director (ALD) or his alternate. The ALD or alternate may be contacted using the security radio.

- b. Confirm they are a representative of one of the following organizations:
 - Wisconsin Public Service Corporation (WPSC) employees
 - Wisconsin Electric Power Company (WEPCO) employees
 - State of Wisconsin emergency response personnel

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- Kewaunee County emergency response personnel
 - Manitowoc County emergency response personnel
 - US - Nuclear Regulatory Agency representatives
 - Federal Emergency Management Agency representatives
- c. Log them into the EOF or JPIC by instructing the individual to enter the following information on Form EPIPF-EOF-12-01:
- Printed last and first name
 - Signature
 - Organization Represented
 - Work Phone Number
- d. Complete Form EPIPF-EOF-12-01 by entering the "date" and "time in."
- e. Issue a Yellow EOF/JPIC identification badge.
- 5.9.3 IF the individual is a local or national news media representative, THEN direct them to Station 1.
- 5.9.4 IF an individual has no identification or identification badge seems out of order, THEN contact an ALD using the security radio.
- 5.9.5 WHEN an individual leaves the complex for any reason other than emergency response duties, remind individual to:
- a. Leave the facility through the same security station where they logged in.
 - b. Return their Red/Yellow identification badge.
- 5.9.6 Maintain the check-in logs until collected at the end of the event.
- 5.9.7 IF individuals check out through a security station other than the one at which they signed in, THEN radios can be used to notify the station with the log they are signed in on to log them out.
- 5.10 **Security Station 6**, Security Officer at central hallway to Emergency Operations Facility (See attached Figure EPIPF-EOF-12-01) shall:
- 5.10.1 Patrol the Emergency Operations Facility (EOF), Joint Public Information Center (JPIC), the hallways surrounding them, and inspect individuals to ensure they have a Yellow EOF/JPIC identification badge (See Attachment A for description).
- 5.10.2 IF personnel require access to the EOF/JPIC and do not have a Yellow EOF/JPIC badge (See Attachment A for description), THEN direct them to Station 5.

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- 5.10.3 IF the individual is a local or national news media representative, THEN direct them to Station 1.
- 5.10.4 IF an individual has no identification or identification badge seems out of order, THEN contact an Administrative Logistics Director (ALD) using the security radio.
- 5.10.5 IF access control becomes a problem, THEN the locking doors (doors with a circled "L" on Figure EPIPFG-EOF-12-01) may be locked.
- 5.10.6 WHEN an individual leaves the complex for any reason other than emergency response duties, remind individual to:
- Leave the facility through the same security station where they logged in.
 - Return their identification badge.

6.0 Final Conditions

- 6.1 Plant emergency has been Terminated or Recovery actions have begun and the responsible director has suspended the use of EIPs.

7.0 References

- Attachment A, Badge Graphic
- Figure EPIPFG-EOF-12-01, Division Office Building (2nd Floor) Floor Plan
- Figure EPIPFG-EOF-12-02, Map - Location of JPIC, MBC, GOB, DOB, etc.
- Figure EPIPFG-APPX-A-06-06, General Office Building - WPSC (1st Floor) Floor Plan
- Form EPIPFG-EOF-12-01, I.D. Badge Registration Form

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8.0 Records

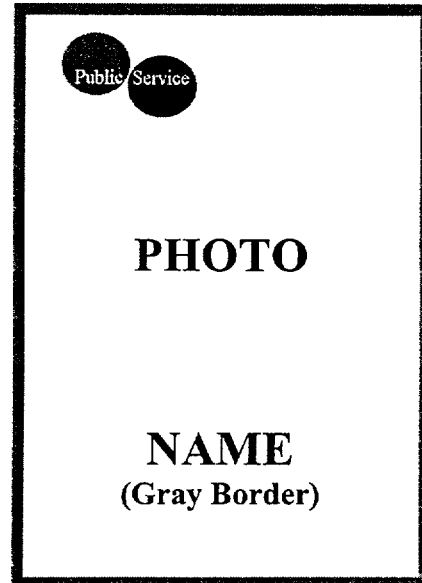
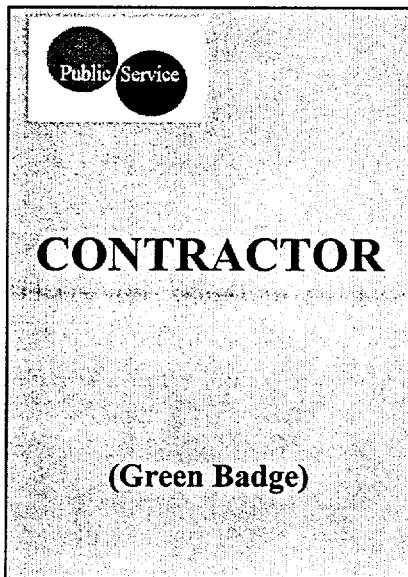
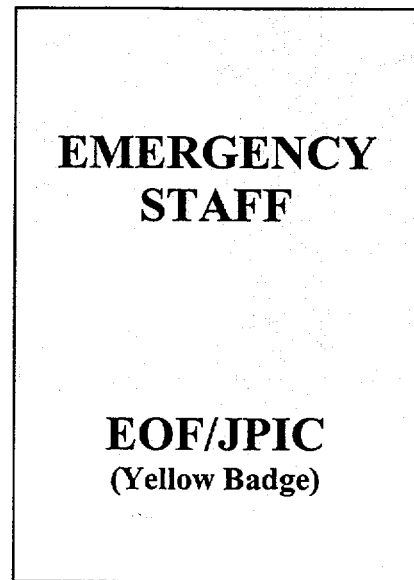
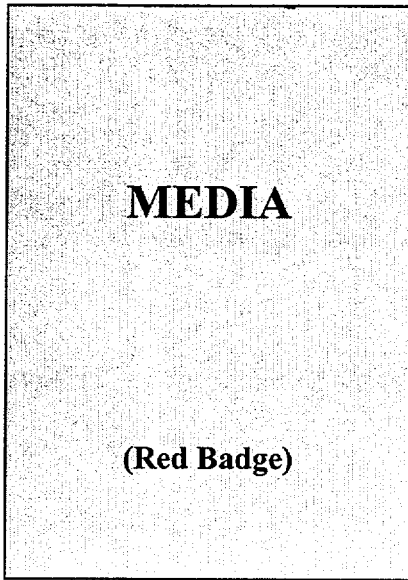
- 8.1 The following QA records and non-QA records are identified in this directive/procedure and are listed on the KNPP Records Retention Schedule. These records shall be maintained according to the KNPP Records Management Program.

8.1.1 QA Records

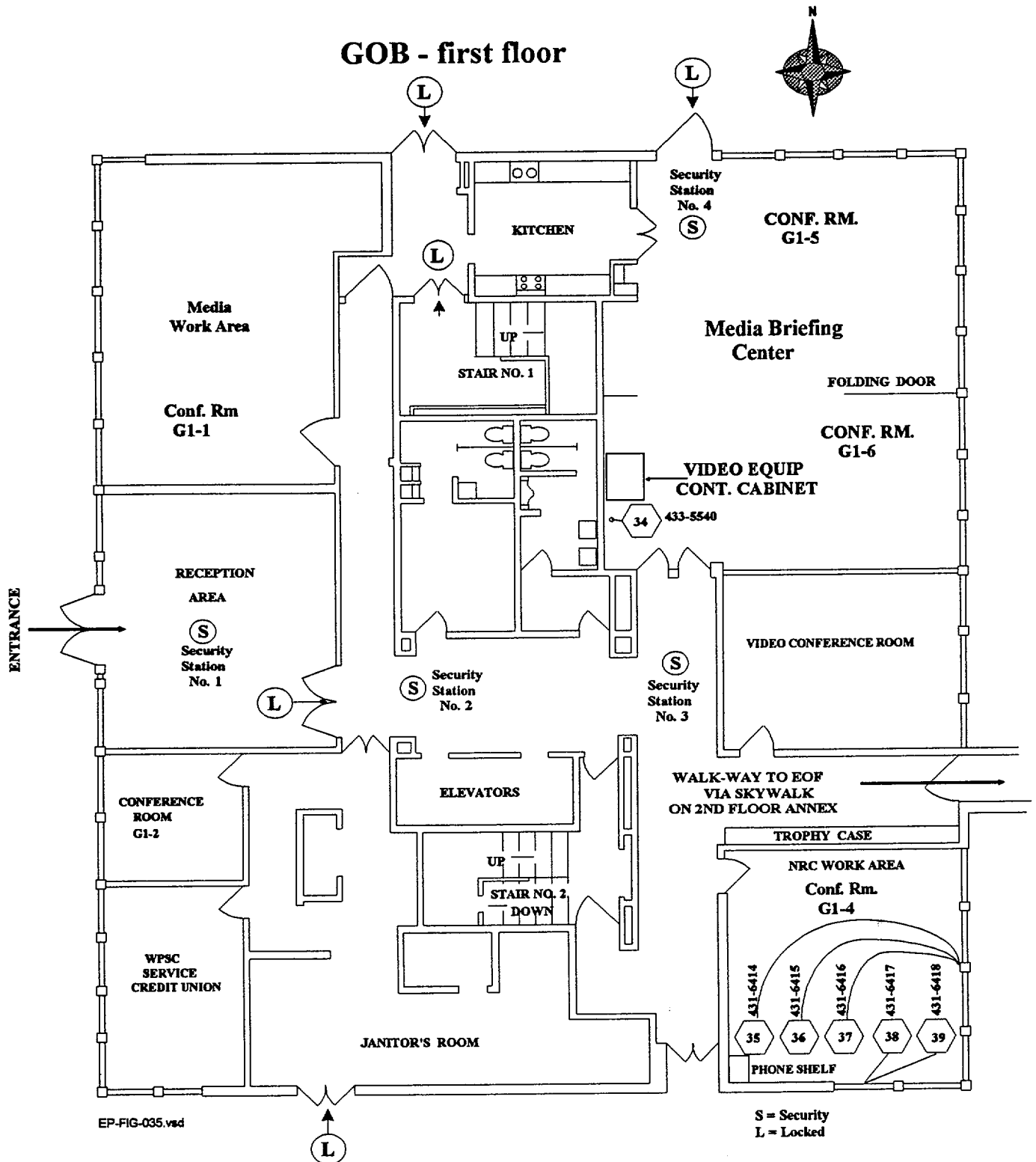
None

8.1.2 Non-QA Records

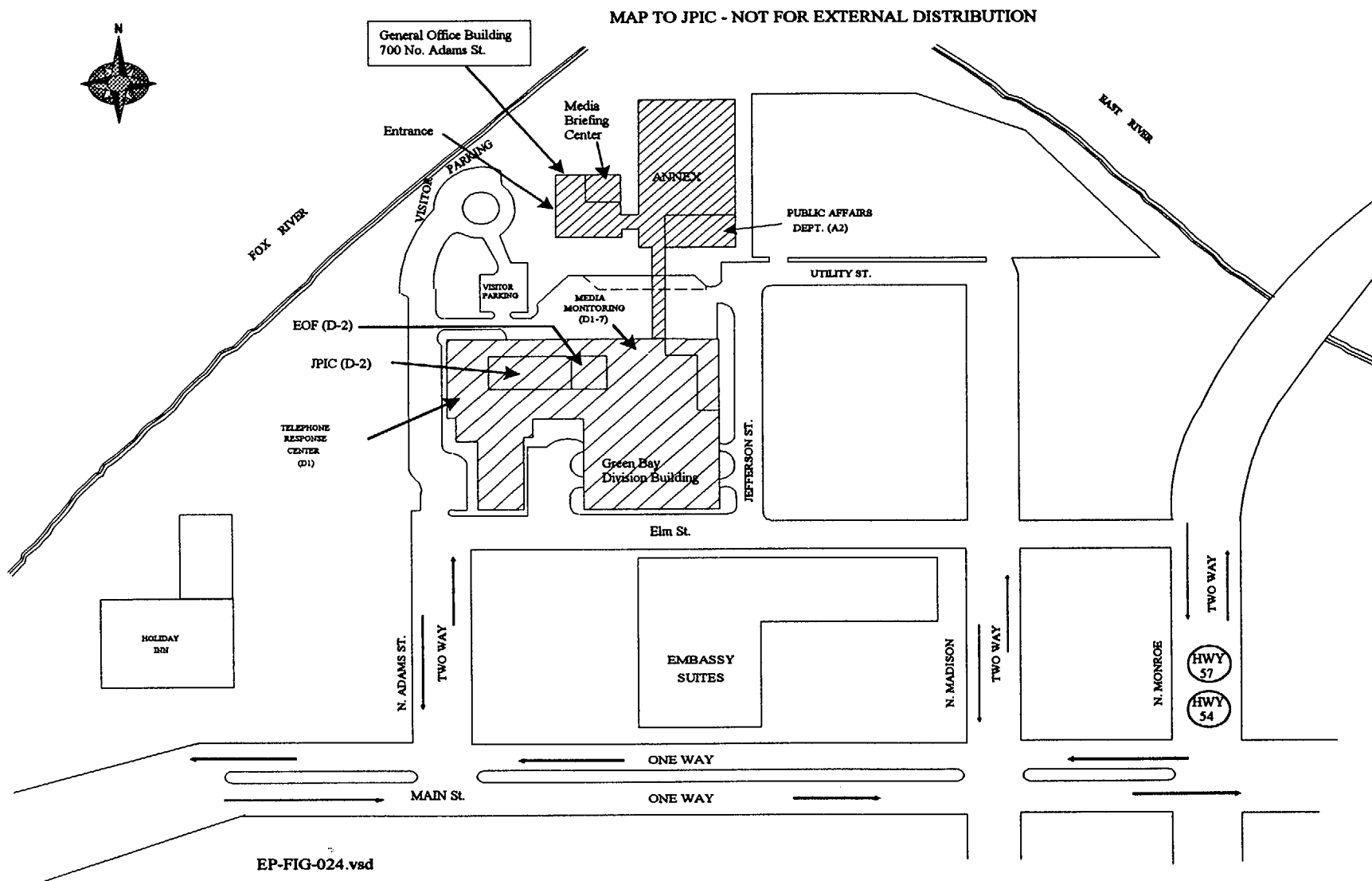
- I.D. Badge Registration Form, Form EPIPF-EOF-12-01



GENERAL OFFICE BUILDING - WPSC (1ST FLOOR) FLOOR PLAN

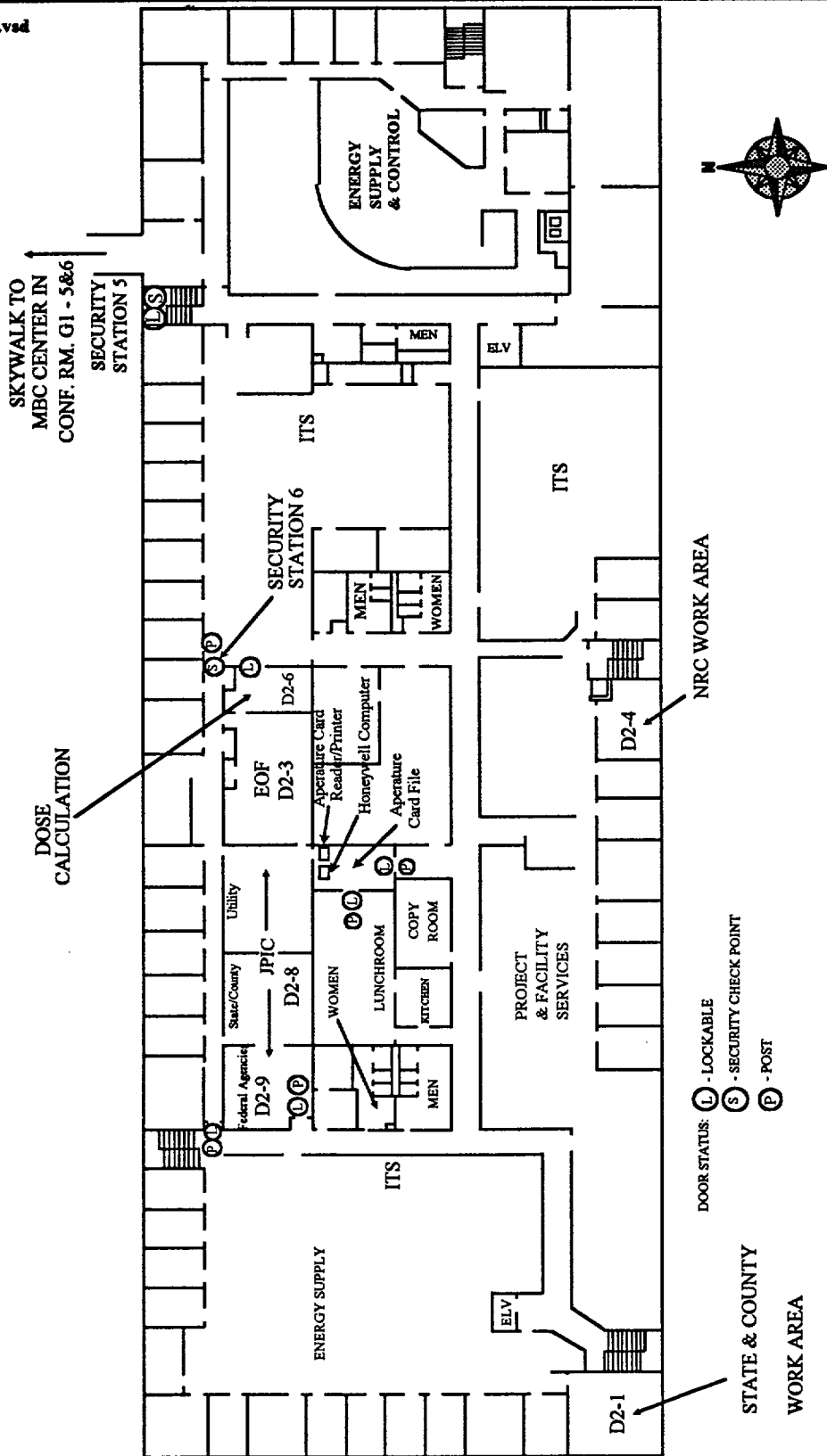


MAP - LOCATION OF JPIC, MBC, GOB, DOB, ETC.



DIVISION OFFICE BUILDING (2ND FLOOR) FLOOR PLAN

EP-FIG-009.vsd



EOF ACTIVATION CHECKLIST

ITEM	ACTION	INITIAL WHEN COMPLETED
1	Position furniture and communications equipment in accordance with the floor plans attached to the containers listed below: <u>NOTE:</u> (1) <i>Equipment boxes listed in order of priority.</i> (2) <i>Listen for dial tone each time a telephone is connected to its appropriate wall jack.</i> (3) <i>Title markers (name tents) should be placed in front of the chair where the individual with that title sits.</i> a. Box - A (SRCL/EPD Area) b. Box - B (ALD Area) c. Box - C (ENV Work Area) d. Box - D (NRC Conference Room) e. Box - E (State/County Conference Room) f. Set out clipboards, name tags, baskets, and "Telephone Communication Log" pads. g. <u>IF</u> full NRC response is anticipated, <u>THEN</u> clear and set up Conference Room G1-4 (See: EPIP-APPX-A-06, Figure EPIPFG-APPX-06-06).	
2	Establish security for the EOF/JPIC work area using Figure EPIPFG-EOF-12-01 attached to this checklist: a. Station a person at Station 5 with the appropriate instructions and materials from procedure EPIP-EOF-12. b. At all Figure locations marked "P" (Post), hang the "This Area Is Secured" signs. <u>NOTE:</u> <i><u>IF</u> unauthorized personnel become a problem, <u>THEN</u> the doors marked "L" (Lockable) can be locked. Keys to those doors are hung inside the EOF storage closet door to be issued to EOF personnel as needed.</i> c. Ensure that all EOF/JPIC staff in the facility at the time are logged in on Form EPIPFG-EOF-12-01 and issued an EOF/JPIC badge.	
3	Communication System Checks: a. <u>EOF Telecopier</u>: Send a test page of text to the Nuclear Telecopier at 5544 to verify the fax transmission capability. b. <u>Dial-Select</u>: (Sta. 10) contact the TSC (ext. 33). c. <u>Env. Monitoring Group Communications Systems</u>: Contact at least one EMT using radio or telephone. d. <u>Honeywell Computer</u>: Call up graphic display screen #53. e. Verify wall clocks in EOF have the same time as the Honeywell Computer.	

EOF ACTIVATION CHECKLIST

ITEM	ACTION	INITIAL WHEN COMPLETED
4	ERM Activation Actions	
	a. Verify capability for EOF to assume the following responsibilities:	
	(1) Off-site notification	
	(2) Dose Assessment	
	(3) PAR Determination	(ERM) _____
	b. Announce EOF Activation and scope of responsibilities assumed.	(ERM) _____
	c. Notify the ED and inform him of the scope of EOF activation.	(ERM) _____

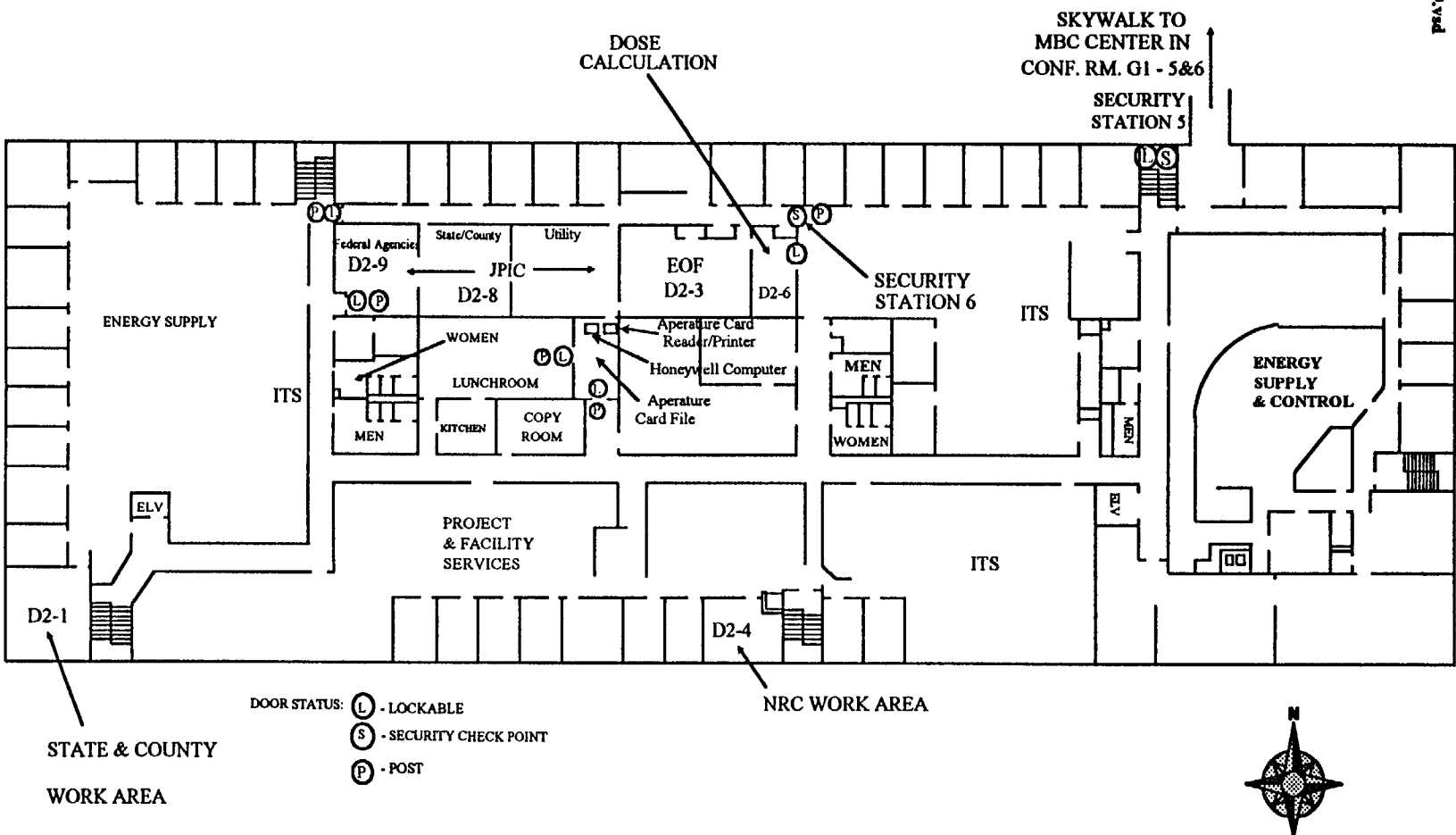
ERM SIGNATURE _____

DATE _____

TIME _____

DIVISION OFFICE BUILDING (2ND FLOOR) FLOOR PLAN

EP-FIC-009.vxd



EOF DEACTIVATION CHECKLIST

ITEM	ACTION	INITIAL WHEN COMPLETED
1	Termination notifications have been completed in accordance with EPIP-EOF-08 as appropriate.	
2	Ensure appropriate* emergency telephones are unplugged and returned to the blue storage containers in the EOF. * Disconnect ONLY the following phones and store them in the EP Storage Closet in the storage box listed. All other phones shall remain permanently installed. Refer to Figure EPIPFG-APPX-A-06-04 for phone locations. • SRCL/EPD Area (Storage Box A) - Phones 15, 16, 17, 18, and 22 • ALD/NRC Area (Storage Box B) - Phones 5 and 6 • ENV Work Area (Storage Box C) - Phones 19, 20, 21, and 23 • NRC Conference Room (Storage Box D) - Phones 26, 27, 28, 29, and 30 • State/County Conference Room (Storage Box E) - Phones 32 and 33	
3	Ensure all work spaces are returned to their original office configuration.	
4	Ensure deactivation of security measures in accordance with EPIP-EOF-12.	
5	Notify Emergency Director that deactivation of the EOF is complete.	(ERM) _____

ERM SIGNATURE _____

DATE _____

TIME _____

I.D. BADGE REGISTRATION FORM

[illegible]

KEWAUNEE NUCLEAR POWER PLANT

October 31, 2000

EMERGENCY PLAN IMPLEMENTING PROCEDURES TRANSMITTAL FORM

RETURN TO DIANE FENCL - KNPP

OUTSIDE AGENCY COPIES (1-20)

T. Webb - NRC Document Control Desk (1)*	Bob Hayden - Wisconsin Electric Power Co. (10)
T. Webb - NRC Region III (2 & 3)*	Craig Weiss - Wisconsin Power & Light (11)
T. Webb - NRC Resident Inspector (4) (receives Appx. A phone numbers)*	
T. Webb - State of Wisconsin (5)*	
T. Webb - KNPP QA Vault w/NRC Letter (15)*	

PERSONAL COPIES (21-40) These copies are for the personal use of the listed individuals for reference or emergency response.

T. Keneklis (30)	D. Masarik (32)	D. Seebart (24)	B. Bartelme (34)
J. Bennett (33)	D. Mielke (35)	J. Mueller (13)	K. Weinbauer (28)

REFERENCE COPIES - CUSTODIAN (41-100) These copies are for general reference by anyone. They are distributed throughout the plant and corporate offices. The named individual is the responsible custodian for the procedures and shall insure they are properly maintained.

STF (86, 87, 88)	LOREB - STF (62, 67, 68, 70, 72, 73, 74)
L. Duggan - Fuel Services (65)	STF Library (43)
QP Library - KNPP (59)	Resource Center (82, 89, 94, 131)
C. Sternitzky - ATF-2 (44)	D. Schrank - Maintenance Off. (41)
D. Braun - Admin. Bldg. Upper (45)	M. Anderson - CR/SS Office (51, 56)
P. Ehlen - I&C Office (42)	L. Renier-Hicks - GB-D2 Nuclear (84)
M. Daron - Security Building (46)	J. Mueller - TSC (50)
L. Renier-Hicks - GB-D2 Nuclear EOF (77)	C. Long - RAF (53)
J. Mueller - OSF (52)	C. Long - SBF/EMT (54)
C. Hutter - ATF-1 (64)	C. Long - RPO (55)
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C. Long - RAF/RPO (106, 107)	M. Anderson - CR/Communicator (116)(Partial Distribution)
C. Long - SBF/ENV (108, 109)	Simulator/Communicator (117)
C. Long - SBF/EM Team (110, 111, 111A)	J. Fletcher - Security (121)
C. Long - Aurora Medical Center (118, 119)	N. Deda - Security Building (120)
W. Flint - Cold Chem/HR Sample Room (113)	K. Evers (125)
N. Deda - SBF/SEC (114)	J. Stoeger (126)

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Please follow the directions when updating your EPIP Manual. **WATCH FOR DELETIONS!!!** These are controlled procedures and random checks may be made to ensure the manuals are kept up-to-date.

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KEWAUNEE NUCLEAR POWER PLANT
REVISION OF EMERGENCY PLAN IMPLEMENTING PROCEDURES
October 31, 2000

Please follow the directions listed below. If you have any questions regarding changes made to the EIPs, please contact Dave Seebart at ext. 8719. If you are a controlled copy holder (see cover page), return this page to Diane Fencl by November 30, 2000, SIGNED AND DATED to serve as a record of revision.

EPIP Index, dated 10-31-2000.

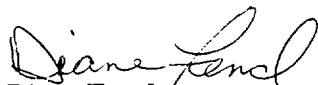
DELETE		INSERT	
PROCEDURE	REV.	PROCEDURE	REV.
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EP-ENV-1	T	EPIP-ENV-01	U
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DATE

Please return this sheet to *DIANE FENCL*.


Diane Fencl

Enclosure

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* EP-TSC-8B was totally deleted; therefore, EP-TSC-8C was changed to EP-TSC-8B			

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* EP-TSC-9A, Rev. D was totally deleted; therefore, EP-TSC-9B became EP-TSC-9A. EP-TSC-9B was previously EP-TSC-9C.			
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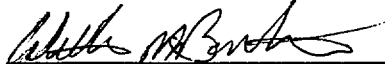
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TSC 8A.4	Steam Release Data/Calculation Sheet (STMRLS Program)	C	04-16-96
TSC 9A.1	Core Damage Based on Reactor Vessel Level & Fuel Rod Temp.	C	02-14-95
TSC 9A.2	Core Damage Based on Radiation Monitors	C	02-14-95
TSC 9A.3	Cs-134 and Cs-137 PCF Determination	D	04-16-96
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		Title	Protective Action Guidelines		
		Date	OCT 31 2000	Page 1 of 6	
Reviewed By 		Approved By 			
Nuclear Safety Related	☐ Yes ☒ No	PORC Review Required	☐ Yes ☒ No	SRO Approval Of Temporary Changes Required	☐ Yes ☒ No

1.0 Purpose

- 1.1 This procedure provides instruction for the Emergency Director (ED) initially responsible for using this procedure, upon declaration of a plant emergency, to provide off-site authorities with Protective Action Recommendations (PARs). When the Emergency Operations Facility (EOF) has been activated, the responsibility will be assumed by the Emergency Response Manager (ERM).

2.0 General Notes

- 2.1 **The Shift Supervisor is the initial ED in all situations.** Any transfer of this responsibility should be documented in the Shift Supervisor's log and communicated to all other directors.
- 2.2 Communication of the initial PARs should be in progress to state and local emergency government authorities within 15 minutes of the emergency level being declared or as soon as possible without further compromise to plant or public safety.
- 2.3 The ED is responsible for PARs to off-site authorities prior to EOF activation. This responsibility is assumed by the Emergency Response Manager following the EOF activation. This responsibility may not be delegated.
- 2.4 As more information becomes available, initial PARs should be adjusted in accordance with plant conditions, dose projections, time available to evacuate, estimated evacuation times, and meteorological conditions.

3.0 Precautions and Limitations

- 3.1 PARs are normally implemented for affected populations within the 10-mile plume exposure pathway EPZ. However, **DO NOT** ignore populations outside the 10-mile plume exposure pathway **IF** projected doses or field readings indicate doses > 1 rem TEDE or > 5 rem thyroid. (See step 5.2.10)

4.0 Initial Conditions

- 4.1 The Emergency Director shall classify the emergency in accordance with EPIP-AD-02 prior to the implementation of this procedure.

WISCONSIN PUBLIC SERVICE CORP. Kewaunee Nuclear Power Plant <i>Emergency Plan Implementing Procedure</i>	No.	EPIP-AD-19	Rev.	P
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5.0 Procedure

Note

Unstable meteorology exists if the 10 and 60 meter wind speed is less than 5 mph and Delta T is less than -1.53 deg. F or Sigma Theta is greater than 17.5 deg.

5.1 Initial PARs for the appropriate emergency class.

5.1.1 General Emergency

- a. IF unstable meteorology exists, THEN recommend to off-site authorities using Form EPIPF-AD-07-01 Section 9 to evacuate:
 - (C) 0-5 mile radius
- b. IF unstable meteorology **DOES NOT** exist, THEN recommend to off-site authorities using Form EPIPF-AD-07-01 Section 9 to evacuate:
 - (B) 0-2 mile radius
 - (D) 2-5 miles for sectors _____, _____, _____
(3 down-wind sectors)
- c. Ensure on-site members of the general public (visitors, fishermen, tourists, farmers, etc.) are directed to leave the site in accordance with EPIP-SEC-02.
- d. Ensure control measures for site access/egress are established in accordance with EPIP-SEC-02.

5.1.2 Site Emergency

- a. Verify on-site members of the general public are directed to leave the site in accordance with EPIP-SEC-02.
- b. Verify control measures for site access/egress are established in accordance with EPIP-SEC-02.
- c. Immediate Planned Protective Action Recommendations from Form EPIPF-AD-07-01 Section 9 for the general public are:
 - (A) None

5.1.3 Alert

- a. Verify on-site members of the general public are directed to leave the site in accordance with EPIP-SEC-02 as a precautionary measure.
- b. Verify control measures for site access/egress are established in accordance with EPIP-SEC-02.

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- c. Immediate Planned Protective Action Recommendations from Form EPIPF-AD-07-01 Section 9 for the general public are:

- (A) None

5.1.4 Unusual Event

- a. Immediate Planned Protective Action Recommendations from Form EPIPF-AD-07-01 Section 9 for the general public are:

- (A) None

5.2 PARs developed from Dose Projections and/or field survey and sample results.

5.2.1 Obtain the most recent RASCAL dose projections for TEDE and thyroid doses.

5.2.2 Obtain field survey and sample results.

5.2.3 Compare the available information obtained from the most recent RASCAL dose projections with Table 1 to determine possible changes to off-site PARs.

5.2.4 Evaluate the impact time, plant conditions (past, present, projected), weather conditions and forecast, and evacuation time estimates using Table 2.

5.2.5 Determine the most effective appropriate protective actions the public can take based on both radiological and plant conditions.

Note

The following step will normally be performed only if the State EOC in Madison has been activated.

5.2.6 If appropriate, discuss potential changes in PARs with the Officer in Charge (OIC) for the State of Wisconsin by calling at (608) 242-3260 or 3261.

5.2.7 IF new PARs are advisable, THEN complete Form EPIPF-AD-07-01.

5.2.8 Forward Form EPIPF-AD-07-01 to the appropriate Communicator for transmission to government officials.

5.2.9 IF projections indicate a potential dose to the thyroid of > 25 Rem for Emergency workers, THEN verify "Potassium Iodide Distribution," EPID-AD-18, is being implemented.

5.2.10 IF projections or field readings indicate doses > 1R TEDE or > 5R thyroid to any population outside of the EPZ, THEN report this immediately to the state and counties and if requested, provide assistance with ad hoc planning.

5.2.11 Repeat step 5.2 until the Final Conditions are met, see Section 6.0.

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6.0 Final Conditions

- 6.1 Additional Protective Action Recommendations are no longer required when the plant emergency has been Terminated or Recovery Actions have begun and the responsible Director has suspended the use of EPIPs.

7.0 References

- 7.1 EPA-400-R-92-001, Manual of Protective Action Guides and Protective Actions for Nuclear Incidents (October 1991)
- 7.2 NUREG/CR-2925, In-Plant Considerations for Optimal Off-site Response to Reactor Accidents (November 1982)
- 7.3 U.S. Food and Drug Administration, 21CFR Part 1090
- 7.4 EPIP-SEC-02, Security Force Response to Emergencies
- 7.5 NUREG-0654, II.J.7 and II.J.8
- 7.6 Kewaunee Nuclear Power Plant Emergency Plan, Appendix A
- 7.7 EPIP-AD-18, Potassium Iodide Distribution
- 7.8 Figure EPIPFG-AD-19-01, Population Distribution by Geographical Sub-Areas (with sectors)

8.0 Records

- 8.1 The following QA records and non-QA records are identified in this directive/procedure and are listed on the KNPP Records Retention Schedule. These records shall be maintained according to the KNPP Records Management Program.

8.1.1 QA Records

- Event Notice, Form EPIP-AD-07-01

8.1.2 Non-QA Records

None

PROJECTED DOSE (REM) TO THE POPULATION	RECOMMENDED ACTIONS ^(a)	COMMENTS
TEDE < 1 Rem Thyroid < 5 Rem	No planned protective actions. ^(b) Monitor environmental radiation levels.	If the conditions of Section 6.0 are satisfied, previously recommended protective actions may be reconsidered.
TEDE > 1 Rem Thyroid > 5 Rem	Recommend evacuation in affected sectors. Monitor environmental radiation levels and adjust sectors recommended for evacuation based on these levels. Control access.	Seeking shelter would be an alternative if evacuation were not immediately possible.

PROJECTED DOSE (REM) TO EMERGENCY TEAM WORKERS	RECOMMENDED ACTIONS ^(c)	COMMENTS
TEDE < 5 Rem All other Organs < 50 Rem TODE	Control exposure of emergency workers to these levels except for those instances listed below. (Appropriate controls for emergency workers include time limitations, respirators, and stable iodine.)	“All other Organs” include: skin extremities and thyroid. Stable iodine may be made available for use where predicted doses exceed 25 Rem to the thyroid. Although respirators and stable iodine should be used where effective to control dose to emergency team workers, thyroid dose may not be a limiting factor for lifesaving missions.
TEDE < 10 Rem All other Organs < 100 Rem TODE	Emergency workers exposure should be controlled below these levels when their mission involves protecting valuable property.	
TEDE < 25 Rem All other Organs < 250 Rem TODE	Emergency workers exposure should be controlled below these levels when their mission involves lifesaving or protection of large populations.	For Environmental/Monitoring Teams, refer to RASCAL “Maximum Doses at Selected Distances” output screen. Check bone, lung, and thyroid doses.

^(a)These actions are recommended for planning purposes. Protective action decisions at the time of the incident must take existing conditions into consideration. These conditions include containment activity, probability of containment failure, plume transport time, release duration, and any other pertinent conditions.

^(b)At the time of the incident, officials may implement low-impact protective actions in keeping with the principle of maintaining radiation exposures as low as reasonably achievable.

^(c)These actions are recommended for planning purposes. Protective action decisions at the time of the incident must take existing conditions into consideration. These conditions include containment activity, probability of containment failure, plume transport time, release duration, and any other pertinent conditions.

EVACUATION TIME ESTIMATES (KNPP/EPZ)

1	2	3	4	5	6	7		8	9
Area (Pop.)	Sectors	Total Vehicles	Route (Miles)	Avg. Speed (mph)	Travel Time (min.)	Notif. Time (min.)	Plan Time (min.)	Total Evac. Time (min.)	Severe Weather (min.)
2 (203)	All	64	Hwy. 42 (4.75)	50	6	15	30	51	72
5N (700)	m,n,p,q, r,a,b	89	Co. Tk. B (3)	50	4	15	30	49	68
"	"	130	Hwy. 42 (7.75)	45	11	15	30	56	82
5S (585)	j,k,l,m	47	Co. Tk. AB (3)	50	4	15	30	49	68
"	"	136	Hwy. 42 (4)	50	5	15	30	50	70
10N (3559)	r,a,b	222	Co. Tk. B (4.5)	45	6	15	30	51	72
"	"	890	Hwy. 42 (7)	50	9	15	30	54	78
10NW (530)	p,q,r	89	Co. Tk. B (4.5)	45	6	15	30	51	72
"	"	77	Co. Tk. AB (2.5)	50	3	15	30	48	66
10W (803)	n,p,q	84	Co. Tk. Q (4)	45	6	15	30	51	72
"	"	167	Co. Tk. AB (8.5)	50	11	15	30	56	82
10SW (1456)	l,m,n	455	Co. Tk. Q (4)	45	6	15	30	51	72
10SSW (2029)	k,l	92	Co. Tk. Q (4)	45	6	15	30	51	72
"	"	542	Co. Tk. AB (5.25)	50	7	15	30	52	74
10S (663)	j,k	207	Hwy. 42 (5.25)	50	7	15	30	52	74

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Reviewed By <i>William M. Banta</i>		Approved By <i>David R. Leebart</i>	
Nuclear Safety Related ☐ Yes ☒ No	PORC Review Required ☐ Yes ☒ No	SRO Approval Of Temporary Changes Required ☐ Yes ☒ No	

1.0 Purpose

- 1.1 This procedure provides instruction for the organization and responsibilities of the Environmental Monitoring Group under the direction of the Environmental Protection Director (EPD).

2.0 General Notes

- 2.1 The objective of the Environmental Monitoring Group is to provide timely Protective Action Recommendations (PARs) to the Emergency Response Manager. These PARs will be made using plant and field data and off-site dose projections. To achieve this objective, data will be collected using the following techniques in the order presented.
- 2.1.1 Total effective dose equivalent will be projected based on information provided by plant sources, if such information is available. This information will include meteorological and radiological release data.
- 2.1.2 The boundaries of a radioactive spill or plume will be identified by the Environmental Monitoring Teams (EMTs) to determine the total area affected.
- 2.1.3 The severity of the radioactive spill or plume in the field will be assessed using portable instrumentation. Specifically, gamma radiation dose rates, particulate, radioiodine, noble gas air activity concentrations, and ground deposition shall be determined.
- 2.1.4 Various sampling techniques will be employed so that the specific radiological constituents of the plume or spill may be determined through laboratory analysis.

3.0 Precautions and Limitations

- 3.1 EMTs should not enter areas where projected or measured external radiation dose rates exceed 1 R/hr without specific direction from the EPD or Radiological Protection Director (RPD).

4.0 Initial Conditions

- 4.1 This procedure shall be implemented upon declaration of an Alert, Site Emergency, General Emergency, or when deemed necessary by the Emergency Director (ED) or the Emergency Response Manager (ERM).

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5.0 Procedure

5.1 The **Environmental Protection Directors (EPD)** responsibilities are described in EPIP-EOF-03 for an Unusual Event and in EPIP-EOF-04 for an Alert, Site Emergency, and General Emergency.

5.2 The **Dose Projection Calculator (DPC)** shall:

5.2.1 Upon arrival at the Emergency Operations Facility (EOF), report to the EPD that you are available to perform the actions required for your Emergency Response Organization (ERO) position.

5.2.2 Assist the EPD in the activation of the Environmental Dispatch area using "Environmental Dispatch Area Activation Checklist," Form EPIPF-ENV-01-01.

Note

The applicable portions of "Radiological Status Report," Form EPIPF-EOF-08-06, should be completed during activation and then updated at least every hour (more frequently if conditions are changing) during the first 4 hours of a declared emergency.

5.2.3 IF data is available, THEN complete the applicable portions of Form EPIPF-EOF-08-06.

- a. Obtain current meteorological data from the Honeywell plant process computer, Green Bay National Weather Service, and/or Point Beach Nuclear Plant.
- b. Obtain current plant status and radiological release information from the Engineering Licensing Coordinator, the EOF status boards, the Radiological Analysis Facility (RAF), and/or the Honeywell plant process computer.

5.2.4 Provide the information recorded on Form EPIPF-EOF-08-06 to the EPD, State Radiological Coordinator Liaison (SRCL), and Environmental Monitoring Team Coordinator (EMTCd).

5.2.5 As directed by the EPD, perform off-site radiological dose projections using "Dose Projection Using RASCAL Version 2.2 Software," EPIP-ENV-03C.

5.2.6 Provide the results of the off-site radiological dose projections to the EPD and SRCL.

5.2.7 Compare the off-site radiological dose projection results calculated in step 5.2.5 with the off-site radiological dose projection results obtained by the RAF.

5.2.8 Compare the results of the off-site radiological dose projections using EPIP-ENV-03C with the EMT field data.

5.2.9 Report the results of steps 5.2.7 and 5.2.8 to the EPD and SRCL.

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5.2.10 Assist the EPD and EMTCd as necessary.

5.2.11 IF Final Conditions (Section 6.0) have not been met, THEN go to step 5.2.3 of this procedure.

5.3 The **Environmental Monitoring Team Coordinator (EMTCd)** shall:

5.3.1 Upon arrival at the Emergency Operations Facility (EOF), report to the EPD that you are available to perform the actions required for your ERO position.

5.3.2 Assist EPD in the activation of the Environmental Dispatch area using "Environmental Dispatch Area Activation Checklist," Form EPIPF-ENV-01-01.

5.3.3 Ensure communications with each activated EMT are established.

5.3.4 Obtain and record the following information from the EMTs on "EMT Status," Form EPIPF-ENV-01-02:

- Team Designation and Membership (names)
- Current Annual Dose (TEDE)
- Date and Time Activated
- Team Status (EMT activities in progress, location, etc.)

5.3.5 Obtain and record meteorological and plant status information from the DPC using "Meteorological and Plant Status Data," Form EPIPF-ENV-01-03.

5.3.6 Direct the Environmental Monitoring Team Communicator (EMTCm) to provide meteorological and plant status information from Form EPIPF-ENV-01-03 to the EMTs.

5.3.7 Coordinate EMT assignments for plume tracking and sample collection and analysis activities with the EPD.

5.3.8 Develop orders for plume tracking and sample collection and analysis using "EMT Orders/Field Data," Form EPIPF-ENV-01-04, and the EPIP-ENV-04 series of procedures.

- EPIP-ENV-04A, Portable Survey Instrument Use
- EPIP-ENV-04B, Air Sampling and Analysis
- EPIP-ENV-04C, Ground Deposition Sampling and Analysis
- EPIP-ENV-04D, Plume Tracking for Environmental Monitoring Teams

5.3.9 Direct the EMTCm to transmit and receive orders and other information to/from the EMTs.

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5.3.10 Track radiation dose for each EMT member.

- a. Obtain deep dose equivalent (DDE) from EMTs every hour (add to current annual TEDE).
- b. Control EMT member dose in accordance with HP-01.003, HP-03.005, and EPIP-AD-11.
- c. Direct the EMTCm to periodically report the sum of the current annual TEDE and cumulative DDE to the EMT members.

5.3.11 Ensure that all data received from the EMTs is provided to the EPD and DPC in a timely manner.

5.3.12 Plot EMT field data on the Emergency Planning Zone (EPZ) grid map in the Environmental Dispatch Area.

5.3.13 IF Final Conditions (Section 6.0) have not been met, THEN go to step 5.3.5 of this procedure.

5.4 **Environmental Monitoring Team Communicator (EMTCm) shall:**

5.4.1 Upon arrival at the Emergency Operations Facility (EOF), report to the EMTCd that you are available to perform the actions required for your ERO position.

5.4.2 Assist EPD in the activation of the Environmental Dispatch area using "Environmental Dispatch Area Activation Checklist," Form EPIPF-ENV-01-01.

5.4.3 Transmit orders and other information from the EMTCd to the EMTs via fax, cellular phone, or radio.

5.4.4 Receive and record information from the EMTs and provide that information to the EMTCd in a timely manner. Use "Meteorological and Plant Status Data," Form EPIPF-ENV-01-03, and "EMT Orders/Field Data," Form EPIPF-ENV-01-04, as appropriate.

5.4.5 IF Final Conditions (Section 6.0) have not been met, THEN go to steps 5.4.3 and 5.4.4 of this procedure.

5.5 **The Environmental Monitoring Team (EMT) members shall:**

5.5.1 Activate EMTs in accordance with "Environmental Monitoring Team Activation," EPIP-ENV-02.

5.5.2 Obtain current meteorological data, plant status information, and current annual dose (TEDE) from the Radiological Analysis Facility (RAF) or Emergency Operations Facility (EOF).

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- 5.5.3 Implement the orders for plume tracking and sample collection and analysis in accordance with EPIP-ENV-04D standing orders, or as directed by the EMTCd, using the EPIP-ENV-04 series of procedures.
- 5.5.4 Report Xetex 415A digital dosimeter or self reading dosimeter readings (DDE) every hour or every 100 mrem of cumulative DDE (whichever comes first) to the EMTCd.
- 5.5.5 IF any conflicts occur with the performance of orders assigned, THEN immediately contact the EMTCd for resolution.
- 5.5.6 Report changes in or discrepancies in meteorological or plant conditions to the EMTCd.
- 5.5.7 Replenish supplies as needed.
- 5.5.8 IF Final Conditions (Section 6.0) have not been met, THEN go to step 5.5.3 of this procedure.

6.0 Final Conditions

- 6.1 Plant Emergency has been Terminated or Recovery actions have begun and the Emergency Response Manager has suspended the use of EPIPs.

7.0 References

- 7.1 KNPP Emergency Plan (Appendix D: Letters of Agreement)
- 7.2 EPIP-AD-03, KNPP Response to an Unusual Event
- 7.3 EPIP-AD-04, KNPP Response to Alert or Higher
- 7.4 EPIP-AD-11, Emergency Radiation Controls
- 7.5 EPIP-ENV-02, Environmental Monitoring Team Activation
- 7.6 EPIP-ENV-03C, Dose Projection Using RASCAL Version 2.2 Software
- 7.7 EPIP-ENV-04A, Portable Survey Instrument Use
- 7.8 EPIP-ENV-04B, Air Sampling and Analysis
- 7.9 EPIP-ENV-04C, Ground Deposition Sampling and Analysis
- 7.10 EPIP-ENV-04D, Plume Tracking for Environmental Monitoring Teams
- 7.11 EPIP-EOF-03, Corporate Action for Unusual Event
- 7.12 EPIP-EOF-04, Corporate Action for Alert or Higher

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7.13 EPIP Appendix A, Communications

7.14 HP-01.003, Administrative Exposure Control and Records

7.15 HP-03.005, Dose Recording, Tracking, and Reporting

8.0 Records

8.1 The following QA records and non-QA records are identified in this directive/procedure and are listed on the KNPP Records Retention Schedule. These records shall be maintained according to the KNPP Records Management Program.

8.1.1 QA Records

- Environmental Dispatch Area Activation Checklist, Form EPIPF-ENV-01-01
- EMT Status, Form EPIPF-ENV-01-02
- Meteorological and Plant Status Data, Form EPIPF-ENV-01-03
- EMT Orders/Field Data, Form EPIPF-ENV-01-04
- Plant Emergency Status Report, Form EPIPF-EOF-08-05
- Radiological Status Report, Form EPIPF-EOF-08-06

8.1.2 Non-QA Records

None

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Reviewed By <i>[Signature]</i>		Approved By <i>[Signature]</i>			
Nuclear Safety Related	☐ Yes ☒ No	PORC Review Required	☐ Yes ☒ No	SRO Approval Of Temporary Changes Required	☐ Yes ☒ No

1.0 Purpose

- 1.1 This procedure provides instruction for Security Force actions in the event of a declared emergency at the Kewaunee Nuclear Power Plant (KNPP).

2.0 General Notes

- 2.1 Attachments A through I for Security Force Members (SFM) will be placed in packets at key locations – CAS, SAS, Captains office, IPO, and Squad Room.

3.0 Precautions and Limitations

- 3.1 IF the plant emergency is caused by a security event, or should a security event occur during a plant emergency, THEN the Contingency Plan and Security Implementing Procedures have priority over the actions in this procedure.
- 3.2 After declaration of a plant emergency, all Security Force Members shall wear dosimetry as directed by EPIP-SEC-04.
- 3.3 IF the Security Building is declared uninhabitable, THEN ensure an adequate level of security effectiveness is maintained.
- 3.4 Ensure all vehicles designated for off-site use have their gas tanks topped off.

4.0 Initial Conditions

- 4.1 The Security Force shall implement this procedure upon declaration of a plant emergency.

5.0 Procedure

- 5.1 **Site Protection Director (SPD)** shall:

- 5.1.1 **When a siren is sounded**, immediately implement EPIP-SEC-03, "Personnel Assembly and Accountability."
- 5.1.2 For any announced Unusual Event, Alert, Site Emergency, or General Emergency, ensure that the Security Shift Captain has immediately dispatched a Security Force Supervisor to the Control Room to act as a notifier.
- 5.1.3 Contact the Radiation Protection Director (RPD) to obtain information on any controlled or potentially hazardous areas.

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5.1.4 Notify the Support Activities Director (SAD) of the need for any search and rescue operations as determined by personnel accountability.

5.2 IF the event is an Alert or higher, THEN the **Security Shift Captain** shall:

5.2.1 Set up the TLD and dosimeter issue station per EPIP-SEC-04.

- a. Issue dosimetry to all Security Force Members.
- b. Ensure dosimetry is issued to all incoming personnel.

5.2.2 Designate a SFM for response to the public fishing area and any other areas within the site boundary as determined to be necessary. The **designated Officer** shall:

- a. Obtain a TLD or dosimeter.
- b. Obtain the portable bullhorn.
- c. Obtain a vehicle.
- d. Inform the people at the public fishing area and other members of the general public found on-site that they must leave the area by using the following statement:

NO OTHER INFORMATION SHOULD BE GIVEN BEYOND THE SCOPE OF THIS STATEMENT.

"The plant site has been temporarily closed and you are requested to leave. Please do so at this time."

e. Inform KNPP contracted workers on-site and outside of the protected area of the emergency level declared and to report to the Security Building or the Simulator Training Building for assembly.

f. Make a tour of the following areas as necessary to ensure all personnel are responding to the emergency siren:

- Met Towers
- Sewage Treatment Plant
- Warehouse 1
- Substation (external)

5.2.3 Call in additional Security Force Members as necessary to augment the normal shift complement.

5.2.4 IF plant personnel are to be evacuated per EPIP-SEC-05, THEN assist in the evacuation.

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5.2.5 Divide ingress into the plant according to the following:

5.2.5.1 Until radiological conditions prohibit, the following personnel (Priority 1) shall proceed directly to the Security Building and will be expedited into the plant ahead of other Emergency Response Organization (ERO) personnel using appropriate latitude allowed by the Security Manual (i.e., 10 CFR 50.54 x and y).

- a. Fire Team Members listed in EPIP-APPX-A-02
- b. All directors and alternates listed in EPIP-APPX-A-02
- c. Notifiers and communicators as listed in EPIP-APPX-A-02
- d. NRC Resident Inspector

5.2.5.2 Until radiological conditions prohibit, all ERO personnel arriving from off-site shall proceed directly to the Security Building. Entry into the plant shall follow normal entry procedures, except all Priority 1 personnel shall be expedited past other personnel.

Note

IF off-site non-WPSC emergency assistance (i.e., ambulance driver) arrives on-site, THEN they should be expedited into the plant.

5.2.5.3 IF any personnel who are not emergency responders are found or arrive on-site, THEN inform them to leave the site per Step 5.2.2.d or report to an assembly area per Step 5.2.2.e. Members of the media should be directed to Green Bay and given (920) 433-1400 or (800) 838-6192 to call for information.

5.2.6 IF the SPD requests site boundary control to be established further out than the Protected Area (PA) boundary, THEN proceed as follows:

5.2.6.1 Establish new boundaries.

5.2.6.2 IF any public roads are within the boundaries, THEN contact the appropriate County Sheriffs' Department for assistance.

5.2.6.3 Establish where dosimetry should be issued and turned in.

5.2.6.4 Establish recommended traffic flow into and out of the new controlled area.

5.2.6.5 Special consideration is appropriate for Priority 1 personnel responding to a pager activation.

5.2.6.6 Establish roadblocks with appropriate traffic flow directions USING DESIGNATED SFMs AS APPROPRIATE.

5.2.6.7 Move dosimetry issue in a coordinated effort with the roadblocks.

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5.2.6.8 Personnel identification at roadblocks shall be accomplished by using Plant Access lists, personal recognition, plant key card, or other picture I.D., as appropriate.

5.2.7 IF the Security Building is declared uninhabitable, THEN proceed as follows:

5.2.7.1 Security Operational and Administrative functions shall be moved to and directed from another location chosen in conjunction with the SPD, Emergency Director (ED), and RPD.

5.2.7.2 The Security Shift Captain shall designate a SFM to obtain the following items for transport to the location chosen in Step 5.2.7.1:

- a. Emergency key cards
- b. Keys for the SAS and Armory
- c. All additional security portable radios, spare batteries, and chargers
- d. Necessary Contingency Equipment

5.2.7.3 Direct Central Alarm Station (CAS) to take over all security functions normally considered primary Secondary Alarm Station (SAS) functions and CAS shall disable SAS.

6.0 Final Conditions

6.1 None

7.0 References

- 7.1 EPIP-AD-07, Initial Emergency Notifications
- 7.2 EPIP-SEC-03, Personnel Assembly and Accountability
- 7.3 EPIP-SEC-04, Security Force Actions for Dosimetry Issue
- 7.4 EPIP-SEC-05, Personnel Evacuation
- 7.5 NAD-02.10, Responsibilities Under a Fire Emergency

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8.0 Records

- 8.1 The following QA records and non-QA records are identified in this directive/procedure and are listed on the KNPP Records Retention Schedule. These records shall be maintained according to the KNPP Records Management Program.

8.1.1 QA Records

None

8.1.2 Non-QA Records

None

SHIFT CAPTAIN

**** On the Emergency/Drill Siren, evaluate the situation to ensure we are NOT in a Contingency Event.**

1. Obtain an EPIPs, binder the FFD clipboard, ensure you take the portable phone, obtain fit for duty keys from SAS and turn on intoxilizer, then go to the Visitor/Vehicle desk.

Note

*Have the first Non-Emergency Response Person (**badged person only**) take over dosimetry issue at the entrance turnstile area.*

- When the event requires Fire Brigade, you should assume the Lane Search Duties (see Attachment H) and send that Officer to clear the site as stated in EPIP-SEC-02-5.2.2.
2. Ensure accountability is being performed (SMS Emergency Program started), document start and completion of initial accountability.
 3. Ensure no tours are being suspended via R-1 Officer.
 4. Ensure TLD Station is set up at entrance turnstile area.
 5. Ensure the site is clear of the Public (Fishermen, etc.) and gas tanks are filled on three (3) WPS Vans used. The extra keys are in SAS. Notify the Kewaunee Sheriff when OCA clearing problems exist.
 6. Conduct accountability on any Visitors on-site. (EPIP-SEC-03-5.2.3)
 7. Give safe route (with SPD/RPD guidance) map to all persons exiting the site.
 8. Collect TLD SRD as Personnel exit the turnstile (when leaving site).

(Use Laminated Map Located in the Binder.)

“Update Security Force Members as to the current/changing conditions as often as possible.”

CAS OPERATOR

**** On the Emergency/Drill Siren, evaluate all of your SMS and CCTV equipment to ensure we are NOT in a Contingency Event.**

***Note**

All Security tours and alarm response will be conducted by R-1 until additional support arrives.

1. Start the Emergency Accountability Program on the SMS (begin emergency) no earlier than two minutes after the siren has sounded.
2. WHEN the program is started, print an Emergency Report to ensure program is operational.
3. WHEN the program operation is confirmed, make the following announcement over the Gai-tronics:

“Attention all personnel. Emergency accountability has been initiated. All badged personnel who are assembled shall swipe their key card in the SMS Accountability Card Reader NOW. Any personnel **NOT** in an assembly area should ensure their Supervisor or Director is informed of their status.”

4. Conduct a radio check with all Security Personnel to ensure accountability of Security Force.
5. Notify the Shift Captain of your results.
6. Document all Gai-tronics announcements on a paper other than the CAS Activity Log (CAL).

SAS OPERATOR

**** On the Emergency/Drill Siren, evaluate all of your SMS and CCTV equipment to ensure we are NOT in a Security Event.**

***Note**

All Security tours and alarm response will be conducted by R-1 until additional support arrives.

1. Obtain a list of Accountability Area Coordinators. (See Attachment)
2. Call in one (1) person for each area and circle the name of the person contacted.

Note

During normal business hours, call them on the Gai-tronics to ensure they assume their duties.

3. Help the Accountability Coordinator when a person is unaccounted for (i.e., Run report on the person who is unaccounted for).
4. Continue to monitor all SMS And CCTV equipment to ensure Security is maintained.
5. Ten minutes after the Emergency Accountability Program has been started, print Emergency Report and forward the report to the MAC.
6. Support additional report requests from the MAC.

FIELD SUPERVISOR

**** On the Emergency/Drill Siren, evaluate the situation to ensure we are NOT in a Contingency Event.**

1. Respond to the Control Room.
2. Start Notifier Duties.
3. When relieved, report to the Shift Captain.

RESPONSE OFFICER R-1

**** On the Emergency/Drill Siren, evaluate the situation to ensure we are NOT in a Contingency Event.**

1. Remain in the Plant as the Response Officer.
2. Pick up dosimetry for self, CAS, and Notifier (Field Supervisor).
3. Evaluate per schedule what tours need to be completed.
4. Notify Captain (Ext. 8292) when the potential exists that a tour cannot be completed.
5. Conduct all scheduled tours, P.O. - F.C. - R.O., until relief arrives.
6. Respond to all pids and door alarms.
7. Listen to Gai-tronics announcements indicating hazardous areas. Avoid those areas and report to the Captain.
8. When relief arrives, give turn over as to hazardous areas and status of tours.

COMPENSATORY - OFFICER R-2

- ** On the Emergency/Drill Siren, evaluate the situation to ensure we are NOT in a Security Event.**
 - ** When posted for compensatory reasons, remain posted unless health conditions arise, then leave the area and report your situation to the Shift Captain.**
 - ** When the event requires Fire Brigade Members, you will respond as a Fire Brigade Member.**
1. Call CAS for tour/other assignments.

PROTECTED AREA - OFFICER R-3

- ** On the Emergency/Drill Siren, evaluate the situation to ensure we are NOT in a Contingency Event.**
- ** When the event requires Fire Brigade Members, you will respond as a Fire Brigade Member.**
- 1. Stop at HP, pickup **All Security Personnel** TLDs (Security Personnel have "RED" dynotape), give R-1 the TLDs for Security Personnel stationed in the Power Block.
- 2. Take remaining TLDs to the Security Building.
- 3. Obtain the bull horn from the Captain's Office.
- 4. Obtain keys for a vehicle.
- 5. Ensure gas tanks are full – the three (3) WPS Vans used for Emergency (the extra keys are in SAS).
- 6. Notify the Captain you are about to implement EPIP-SEC-02-5.2.2, Clear the OCA.
 - * When clearing the OCA, this includes All Non-Emergency Personnel (Fishermen, Media, Sight-seers).**

"The plant site has been temporarily closed and you are requested to leave. Please do so at this time."

- * Anyone requesting additional information can be given to the public information Hotline #1-800-838-6192.**
- 7. Advise the Captain when complete and when you encounter non-compliance problems.
- 8. Report back to IPO and resume tour duties. Notify SAS and Captain that you are resuming your P.O. Duties.

LANE SEARCH - OFFICER R-4

- ** On the Emergency/Drill Siren, evaluate the situation to ensure we are NOT in a Security Event.**
 - ** During events that require Fire Brigade Response, you will be relieved by the Shift Captain and you should assume the duties of R-3 (see Attachment G). When complete, return to Lane Search.**
1. Control access through search equipment. ensure only Emergency Response Personnel are allowed on-site. All others shall be told to report to Classroom "C" upstairs. (Ask All Personnel if they are an ERO Member)
 2. Set up ribbon to route Personnel to table in front turnstile for dosimetry issue. (ribbon found under x-ray podium)
 3. Set up dosimetry table and equipment stored under x-ray podium for incoming Personnel to use.

VISITOR REGISTRATION - OFFICER R-5

- ** On the Emergency/Drill Siren, evaluate the situation to ensure we are NOT in a Security Event.**
- ** When the event requires Fire Brigade Members or when R-2 is posted, you will also assume the duties of R-2 (see Attachment F).**
- 1. Report to the Security Building.
- 2. Support the MAC (see Emergency Plan SEC 3 5.2)

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Reviewed By <i>[Signature]</i>		Approved By <i>[Signature]</i>			
Nuclear Safety Related	☐ Yes ☒ No	PORC Review Required	☐ Yes ☒ No	SRO Approval Of Temporary Changes Required	☐ Yes ☒ No

1.0 Purpose

- 1.1 This procedure provides instruction for detailed listings of telephone numbers by facility(s) and facility work group(s). The floor plans of these facilities, which indicates the location of each telephone station, are attached to this procedure.

2.0 General Notes

- 2.1 This Appendix may be used as a reference document for any declared emergency, as defined in EPIP-AD-02, "Emergency Classification."

3.0 Precautions and Limitations

- 3.1 None

4.0 Initial Conditions

- 4.1 None

5.0 Procedure

- 5.1 Changes in data which have occurred in the current quarter will not be reflected in this Appendix.

6.0 Final Conditions

- 6.1 Plant Emergency has been Terminated or Recovery actions have begun and the Emergency Response Manager has suspended the use of EPIPs.

7.0 References

- 7.1 EPMP-05.03, Telephone Number Quarterly Review
- 7.2 Figure EPIPFG-APPX-A-06-01, Radiological Analysis Facility - KNP Floor Plan
- 7.3 Figure EPIPFG-APPX-A-06-02, Site Boundary Facility - KNP Floor Plan
- 7.4 Figure EPIPFG-APPX-A-06-03, Technical Support Center - KNP Floor Plan
- 7.5 Figure EPIPFG-APPX-A-06-04, EOF - WPSC D2-3 Floor Plan

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- 7.6 Figure EPIPFG-APPX-A-06-05, JPIC Utility Work Area - WPSC D2-7
- 7.7 Figure EPIPFG-APPX-A-06-06, General Office Building - WPSC (1st Floor) Floor Plan
- 7.8 Figure EPIPFG-APPX-A-06-07, JPIC State and County Work Area - WPSC D2-8
- 7.9 Figure EPIPFG-APPX-A-06-08, State/County Work Area - WPSC D2-1 Floor Plan
- 7.10 Figure EPIPFG-APPX-A-06-09, NRC Work Area - WPSC D2-4 Floor Plan
- 7.11 Figure EPIPFG-APPX-A-06-10, JPIC Federal Work Area - WPSC D2-9
- 7.12 64.1, "Schneider Fax Broadcasting" (WPS Public Affairs Department Procedure)

8.0 Records

- 8.1 The following QA records and non-QA records are identified in this directive/procedure and are listed on the KNPP Records Retention Schedule. These records shall be maintained according to the KNPP Records Management Program.

8.1.1 QA Records

None

8.1.2 Non-QA Records

None

EMERGENCY RESPONSE TELEPHONE NUMBERS

EPIP-APPX-A-06

The data contained on these pages has been intentionally omitted from external copies of this document.

This data is withheld to ensure the privacy of the employees of Wisconsin Public Service Corporation and off-site support groups which have supplied personal information for internal use by Wisconsin Public Service Corporation. It has also been done to ensure the security of the Kewaunee Nuclear Power Plant Emergency Communications Systems.

All company-held copies of this appendix do contain the telephone numbers and other communications data needed to ensure a prompt response of on-site and off-site support groups over the established communications systems.

ENVIRONMENTAL DISPATCH AREA ACTIVATION CHECKLIST

DATE/TIME STARTED _____/_____/_____

<u>ITEM</u>	<u>ACTION</u>	<u>INITIALS</u>
1.	Arrange tables in Environmental Dispatch Area according to Figure EPIPFG-APPX-A-06-04.	_____
2.	Obtain communications equipment from the storage closet (Box "C") in the EOF Coordination Center (D2-3) and install according to Figure EPIPFG-APPX-A-06-04.	_____
3.	Obtain ENV forms and figures folder from cabinet in EOF.	_____
4.	Synchronize the clock in the Environmental Dispatch Area with the time from the Honeywell plant process computer.	_____
5.	Verify ability to perform a dose projection according to EPIP-ENV-03C.	_____
6.	Establish communication with at least one EMT using radio or telephone.	_____
7.	Verify that an EMT is activated according to EPIP-ENV-02.	_____
8.	Notify ERM that the Environmental Monitoring Group is activated.	_____

DATE/TIME COMPLETED _____/_____/_____ EPD _____

EMT STATUS

TEAM: A B C (Circle One)

TEAM MEMBERS

CURRENT TEDE

DATE/TIME ACTIVATED _____ / _____

TEAM STATUS (Activities in progress, location, etc.)

METEOROLOGICAL AND PLANT STATUS DATA

DATE/TIME: _____/_____/_____

METEOROLOGICAL STATUS:

Wind Direction (10m) (from) _____ Degrees

Wind Speed (10m) _____ MPH

Stability Class _____

Projected Plume Boundaries _____ Degrees to _____ Degrees

Forecast _____

PLANT STATUS:

Description of Event _____

Emergency Classification: UE ALERT SE GE (Circle One)

PARs _____

Reactor Status: Operating / Shutdown (Circle One)

Radiological Release: None / In Progress / Terminated (Circle One)

Release Point _____

Time Started _____

Time Stopped _____

EMT ORDERS/FIELD DATA

DATE/TIME _____ / _____

TEAM: A B C (Circle One)

ORDER ID _____

INSTRUCTIONS:

EMT FIELD DATA

SAMPLE DATE/TIME	GRID COORDINATES	SAMPLE TYPE (Circle One)	READING (Including Units)
		I / P / NG / DR / DP	
		I / P / NG / DR / DP	
		I / P / NG / DR / DP	
		I / P / NG / DR / DP	
		I / P / NG / DR / DP	
		I / P / NG / DR / DP	
		I / P / NG / DR / DP	
		I / P / NG / DR / DP	
		I / P / NG / DR / DP	
		I / P / NG / DR / DP	

EMT ORDERS/FIELD DATA

INSTRUCTIONS FOR REPORTING FIELD DATA:

1. **SAMPLE/DATE/TIME** - Enter date/time air sample collection was completed, date/time dose rate reading was taken, or date/time deposition sample was collected.
2. **GRID COORDINATES** - Specify location to the nearest one-half of a grid point.
3. **SAMPLE TYPE** - Enter appropriate description.

Iodine (I)
Particulate (P)
Noble Gas (NG)
Dose Rate (DR)
Deposition (DP)

4. **READING** - Enter reading using correct units.

Air Sample (iodine, particulate, or noble gas) - $\mu\text{Ci/cc}$
Dose Rate - mrem/hour
Deposition - DPM/100 cm^2 or DPM/smear, if $< 100 \text{ cm}^2$ was surveyed

HEAD VENTING CALCULATION

DATE _____ TIME _____

A = RCS Pressure _____ psig

B = Containment Pressure _____ psig

Dome Fans in Service A B

C = Containment Hydrogen Concentration _____ % = _____ (.xx)

Cont Hydrogen Monitor Used A B

D = Containment Temperature _____ °F

E = Containment Volume at STP

$1.32E + 06 \text{ cf} \times (B + 14.7) \text{ psia} / 14.7 \text{ psia} \times 492^\circ\text{R} / (D + 460)^\circ\text{R}$ = _____ scf

F = Maximum Hydrogen Volume that can be vented $(.03 - C) \times E$ = _____ scf

G = Hydrogen Flow Rate as a Function of RCS Pressure using Figure 1 of EPIP-TSC-07 _____ scfm

V = Maximum Venting Time F/G = _____ min

PERFORMED BY _____