



444 South 16th Street Mall
Omaha NE 68102-2247

May 3, 2001
LIC-01-0045

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station P1-137
Washington, DC 20555

Reference: Docket No. 50-285

SUBJECT: Transmittal of Changes to Emergency Plan Implementing Procedures (EPIP) Manual and Radiological Emergency Response Plan (RERP)

In accordance with 10 CFR 50.54(q), 10 CFR 50, Appendix E, Section V, and 10 CFR 50.4(b)(5), please find EPIP and RERP change packages enclosed for the Document Control Desk (holder of Copy 165) and NRC Emergency Response Coordinator (holder of Copies 154 and 155).

The document update instructions and summary of changes are included on the Confirmation of Transmittal form (Form EP-1) attached to each controlled copy change package. Please return the Confirmation of Transmittal forms by June 17, 2001.

The revised documents included in the enclosed package are:

Remove Section

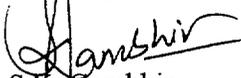
RERP Index page 1 of 2 dated 12/05/00
RERP-Appendix C R12A issued 09/02/99
EPIP Index pages 1 & 2 dated 03/13/01
EPIP-RR-29 R19 issued 03/13/01

Insert Section

RERP index page 1 of 2 dated 04/17/01
RERP-Appendix C R12b issued 09/02/99
EPIP Index pages 1 & 2 dated 04/17/01
EPIP-RR-29 R19a issued 03/13/01

If you have any questions regarding the enclosed changes, please contact Carl Simmons at (402) 533-6430.

Sincerely,


S.K. Gambhir
Division Manager
Nuclear Operations

SKG/dli

Enclosures

- c: T. H. Andrews, Emergency Response Coordinator (2 sets)
- L. R. Wharton, NRC Project Manager (w/o enclosures)
- W. C. Walker, NRC Senior Resident Inspector (w/o enclosures)
- Winston & Strawn (w/o enclosures)

A045

OMAHA PUBLIC POWER DISTRICT

Confirmation of Transmittal for
Emergency Planning Documents/Information

- Radiological Emergency Response Plan (RERP) Emergency Plan Implementing Procedures (EPIP) Emergency Planning Forms (EPF)
- Emergency Planning Department Manual (EPDM) Other Emergency Planning Document(s)/ Information

Transmitted to:

Name: Document Control Desk Copy No: 165
Tom Andrews Copy No: 154
Tom Andrews Copy No: 155

Date: _____

The following document(s) / information is forwarded for your manual:

REMOVE SECTION

RERP Index page 1 of 2 dated 12/05/00
RERP-Appendix C R12A issued 09/02/99
EPIP Index pages 1 & 2 dated 03/13/01
EPIP-RR-29 R19 issued 03/13/01

INSERT SECTION

RERP Index page 1 of 2 dated 04/17/01
RERP-Appendix C R12b issued 09/02/99
EPIP Index pages 1 & 2 dated 04/17/01
EPIP-RR-29 R19a issued 03/13/01

Summary of Changes:

RERP-Appendix C pages 4 and 26 were revised to update the RERP and implementing procedures cross reference list.
EPIP-RR-29 Attachment 6.2 number 7 was revised to change reference from "CE Response" to "Westinghouse Electric Response".



Supervisor - Emergency Planning

I hereby acknowledge receipt of the above documents/information and have included them in my assigned manuals.

Signature: _____

Date: _____

Please sign above and return by 06/17/01 to:

Karma Boone
Fort Calhoun Station, FC-2-1
Omaha Public Power District
444 South 16th Street Mall
Omaha, NE 68102-2247

NOTE: If the document(s)/information contained in this transmittal is no longer requested or needed by the recipient, or has been transferred to another individuals, please fill out the information below.

- Document(s)/Information No Longer Requested/Needed
 Document(s)/Information Transferred to:

Name: _____

Mailing Address: _____

**RADIOLOGICAL EMERGENCY RESPONSE PLAN INDEX
RERP**

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RERP-SECTION C	Emergency Response Support and Resources	R9 09-30-98
RERP-SECTION D	Emergency Classification System	R9 04-29-97a
RERP-SECTION E	Notification Methods and Procedures	R23 08-24-00
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RERP-APPENDIX A	Letters of Agreement	R16 03-07-00b
RERP-APPENDIX B	Supporting Emergency Plans	R4 10-27-98
RERP-APPENDIX C	NUREG/RERP/Implementing Procedure Cross Reference List	R12 09-02-99b

WP8

Fort Calhoun Station
Unit No. 1

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RERP-APPENDIX C

RADIOLOGICAL EMERGENCY RESPONSE PLAN

Title: NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

FC-68 Number: 50572

Reason for Change: Update in conjunction with Department Review of the RERP.

Contact Person: M. Reller

Documentable Error (a): Pages 2 and 21 (issue all pages) (11-07-00)
Correction (b): Pages 4 and 26 (04-17-01)

ISSUED: 09-02-99 3:00 pm

R12

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
A. Assignment of Responsibility			
A.1.a	Identify the State, Local, Federal and private sector organizations (including utilities) intended to be a part of the ERO.	A 1.1-1.8	N/A
A.1.b	Each organization shall specify its concept of operations and its relationship to the total effort.	A 2.0, C 1.0, 2.0, 3.0 Appendix A	EOF-1, OSC-2/21, TSC-1
A.1.c	Block diagram of organizational interrelationships.	FIG. A-1	N/A
A.1.d	Identify a specific individual (by title) who shall be in charge of the emergency response.	A 2.0	OSC-2
A.1.e	Provide for 24-hr per day response, including communications links.	A 1.0	OSC-2/15/RR-11/13/ 17/17A/19A/21/21A/22/22 A/23/25/28/29/63/66/72/87
A.2.a	State/Local applicability	N/A	N/A
A.2.b	State/Local applicability	N/A	N/A
A.3	Letters of Agreement	Appen. A	EPT-22
A.4	Capability of continuous 24-hour operations. Identify, by title, the individual in the principal organization responsible for continuity of resources.	A 1.0, 2.0	OSC-2/15/RR-11/13/ 17/17A/19A/21/21A/22/22 A/23/25/28/29/63/66/72/87

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
B. Onsite Emergency Organization			
B.1	Specify the onsite emergency organization of plant staff personnel for all shifts and its relation to the responsibilities and duties of the normal staff complement.	B 2.1	OSC-2
B.2	Designate an individual as emergency coordinator who is on shift at all times.	B 7.1, 7.2	OSC-2
B.3	Identify a line of succession for the emergency coordinator position and identify the specific conditions for higher level utility officials assuming this function.	B 7.0	EOF-1/7 OSC-1/2 TSC-1
B.4	Specification of responsibilities, and designation of which may not be delegated.	B 6.2	EOF-7/11/19/21 OSC-1/2
B.5	Positions or titles and major tasks to be performed by the persons assigned to the functional areas of emergency activity.	B 8/9/10/ 11/12	EOF-1/3/6/7/11/19 OSC-1/2/9/15/21 RR-11/13/17/17A/19A/21/ 21A/22/22A/23/25/29/87 TSC-1/8
B.6	Interfaces between and among the onsite, offsite, corporate, state and local government response organizations.	B-13	N/A
B.7	Each licensee shall specify the corporate, management, admin., and technical personnel who will augment plant staff in Table B-1 and in the following areas:	Table B-1 B 4.0	OSC-2
B.7.a	Logistics support, e.g., trans, comm, quarters, food, water, special equipment and supplies purchase;	B 9.0, 11.0	RR-17A/29
B.7.b	Technical support for planning reentry and recovery operations;	B 6.0 M 6.0	EOF-19

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
B.7.c	Management level interface with government authorities; and	B 1.3	OSC-2
B.7.d	Release of information to news media during an emergency (coordinated with governmental authorities).	B 12,13	OSC-2
B.8	Specification of contractor and private organizations to provide assistance.	A 1.0, B-13, B-15, Fig. B-3, Appen A	RR-17A, RR-29 EPT-22
B.9	Expected services from local agencies e.g., police, fire, ambulance, medical, hospital.	A 1.0 Appen A B 15, Fig B-3 RERP Sec L	EPT-22

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
C. Emergency Response Support and Resources			
C.1	Incorporation of Federal response into the operational plan:	C1	
C.1.a	Specific persons to request Federal assistance (See A.1.d and A.2.a)	C1.1, B 6.3.1	OSC-2, Att 6.7E
C.1.b	Specific Federal resources expected and expected times of arrival, and	C 1.2-1.3	N/A
C.1.c	Specific licensee, state, local resources to support Federal response, air fields, command posts, tel lines, radio frequencies, and telecommunications centers.	C 2.0	N/A
C.2.a	State/Local Applicability	N/A	N/A
C.2.b	Licensee representative to offsite EOC's	C 3.0	RR-22 Att 6.2
C.3	Radiological laboratories, general capabilities and expected availability to provide radiological monitoring and analyses services which can be used in an emergency.	C 2.2 4.0	N/A
C.4	Identify Nuclear and other facilities, organizations or individuals which can be relied upon in an emergency to provide assistance. Such assistance shall be identified and supported by appropriate letters of agreement.	C 4.0, Appen A	RR-29 Att 6.1, EPT-22

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
D. Emergency Classification System			
D.1	Establish an Emergency Action Level Scheme and Emergency Classification scheme.	D 2.0	OSC-1
D.2	Initiating conditions shall include NUREG-0654, Appendix 1 conditions and all FSAR postulated accidents.	D 1.0	OSC-1
D.3	State/Local applicability	N/A	N/A
D.4	State/Local applicability	N/A	N/A

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
E. Notification Methods and Procedures			
E.1	Notification procedures consistent with EALs including a means for verification of messages.	E 2.0	OSC-1/2
E.2	Procedures for alerting, notifying and mobilizing emergency response personnel.	E 2.0	OSC-2
E.3	Licensee and state/local establish content of the initial messages, and shall contain: class, release, potentially affected population, and if PARs are needed.	E 3.1	OSC-2
E.4	Provisions for follow-up messages, and shall contain the following:	E 3.2	OSC-2/15, EOF-6
E.4.a	Location of incident, and name and telephone number (or communications channel identification) of caller;	E 3.2	OSC-2/15, EOF-6
E.4.b	Date/time of incident;	E 3.2	OSC-2/15, EOF-6
E.4.c	Class of emergency;	E 3.2	OSC-2/15, EOF-6
E.4.d	Type of actual/projected release, and estimated duration/impact times;	E 3.2	OSC-2/15, EOF-6
E.4.e	Estimate of radioactive material released or being released and the points and height of releases.	E 3.0	OSC-2/15, EOF-6
E.4.f	Chemical and physical form of material, estimates of quantities/concentration of noble gases, iodines, and particulates;	E 3.0	OSC-2/15, EOF-6
E.4.g	Met conditions at appropriate levels: wind speed, direction (to and from) stability, precip, if any;	E 3.0	OSC-2/15, EOF-6

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
E.4.h	Type of actual projected does rates at site boundary, projected integrated dose at site boundary:	E 3.0	OSC-2/15, EOF-6
E.4.i	Projected dose rates and integrated dose at 2, 5, and 10 miles, include the sector(s) affected;	E 3.0	OSC-2/15, EOF-6
E.4.j	Estimate of any surface contamination inplant, onsite, offsite;	E 3.0	OSC-2/15, EOF-6
E.4.k	Licensee emergency response actions underway;	E 3.0	OSC-2/15, EOF-6
E.4.l	Recommended emergency actions, including protective measures;	E 3.2	OSC-2/15, EOF-6, EOF-7
E.4.m	Request for any needed onsite support by offsite organizations, and;	E 3.0	OSC-2/15, EOF-6, EOF-7
E.4.n	Prognosis for worsening/termination based on plant information.	E 3.2	OSC-2/15, EOF-6, EOF-7
E.5	State/Local applicability	N/A	N/A
E.6	Notification/prompt instructions to the public. (ANS)	E 4.0	EOF-24, RR-29, EPT-1/2/3
E.7	Written messages for the public, consistent with the EALs, to include ad hoc PARs.	E 5.0	OSC-2 EOF-7

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
F. Emergency Communications			
F.1.a	Provision for 24 hour notification to and activation of the State/local ER network, with telephone link and backup, and 24-hour manning of communication links that initiate emergency response actions;	E 2.0 F 2.0 F 10	OSC-2/15
F.1.b	Communications with contiguous states/locals;	F 2.0, 2.4, Fig F-1, F-2	OSC-2/15
F.1.c	Communications with Federal EROs;	F 2.10-2.11	OSC-2, OSC-15, RR-24, TSC-1
F.1.d	Communication between the plant, EOF, state and local EOCs, and rad monitor teams;	F 2.4, 2.5, 2.9	OSC-15, EOF-23, RR-72/95
F.1.e	Provision for alerting or activating emergency personnel in each response organization, and	E 2.0	OSC-2/15, RR-17A/29
F.1.f	Communication (by licensee) with NRC HQ and Regional Office EOC and the EOF and Rad Mon Team Assembly area.	F	OSC-15
F.2	Each organization shall ensure that a coordinated comm link for fixed and mobile medical support facilities exists.	F 3.0	FCSG-15
F.3	Each organization shall conduct periodic testing of the entire emergency communications system. (See also H.10, N.2.a and Appendix 3).	N 2.1	EPT-5/6/7/8/9

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
G. Public Education and Information			
G.1	Each organization shall provide a coordinated periodic (at least annually) dissemination of information to the public re: how they will be notified, and what their actions should be.	G 1.0	Corporate Crisis Communication Plan EPT-23
G.2	The public information program shall provide permanent and transient adult population within the EPZ an adequate opportunity to become aware of the information annually. This section also makes reference to: Signs, decals, posted notices, for hotel, motels, gas stations, and phone booths).	G 1.0	Corporate Crisis Communication Plan EPT-23
G.3.a	Media contact point during an emergency (i.e., MRC, etc).	G 2.0	Corporate Crisis Communication Plan
G.3.b	Space for limited number of news media at the EOF.	G 2.0	Corporate Crisis Communication Plan
G.4.a	Each organization shall have a spokesperson.	G 3.0	Corporate Crisis Communication Plan
G.4.b	Each organization shall establish arrangements for timely exchange of information among designated spokes persons.	G 3.0	Corporate Crisis Communication Plan
G.4.c	Each organization shall establish coordinated arrangements for dealing with rumors.	G 2.1	Corporate Crisis Communication Plan
G.5	Each organization shall conduct coordinated programs at least annually to acquaint news media with the emergency plans, information concerning radiation, and points of contact for release of public information in an emergency.	G 4.0	EPT-29

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
H. Emergency Facilities and Equipment			
H.1	Each licensee shall establish a TSC and an OSC.	H 1.0, 3.0	OSC-21, TSC-1
H.2	Establish an EOF.	H 2.0	EOF-1
H.3	State/Local applicability	N/A	N/A
H.4	Timely activation of the facilities and centers described in the Plan.	H 1.3, 2.3, 3.3, 4.3	EOF-1, OSC-21, TSC-1
H.5	Each licensee shall identify and establish onsite monitoring systems that are to be used to initiate emergency measures, in accordance with Appendix 1, as well as those used to conduct assessment. The equipment shall include:		
H.5.a	Geophysical phenomena monitors, (e.g., met, hydrological, seismic);	I 2.0, I 2.1.2, I 2.1.3, I 2.2.3, I 2.3.2(c)	OSC-1
H.5.b	Rad monitors, (e.g., process, area, emergency, effluent, wound and portable monitors and sampling equipment);	H.1.2 (f) I 2.2.1 I 2.2.2	EOF-3, 6, 11 RR-22/72, TSC-1
H.5.c	Process monitors (e.g., reactor coolant system pressure and temp, containment pressure and temp, liquid levels, flow rates, status or lineup of equipment components); and	I 2.2	OSC-1, TSC-8
H.5.d	Fire and combustion products detectors.	I 2.1.1	OSC-1, SO-G-28

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
H.6	Each licensee shall make provision to acquire data from or for emergency access to offsite monitoring and analysis equipment, including:		
H.6.a	Geophysical phenomena monitors (e.g., met, hydrologic, seismic):	I 2.1.2 2.1.3 2.2.3	OSC-1
H.6.b	Radiological monitors including ratemeters and sampling devices. Dosimetry shall be provided and shall meet, as a minimum, the NRC Rad Assessment Branch Tech Position for the Environmental Rad Monitoring program; and	H 2.2 5.2 5.3 5.6	EOF-3, 11 RR-28
H.6.c	Laboratory facilities, fixed or mobile.	C 4.0	RR-22A/87
H.7	Each organization, where appropriate, shall provide for offsite rad monitoring equipment in the vicinity of the plant.	I 2.3.3 J 2.5	EOF-3
H.8	Each licensee shall provide met instrumentation and procedures which satisfy the criteria in Appendix 2, and provisions to obtain representative current met data from other sources.	I 2.2.3	EOF-6, RR-25
H.9	Each licensee shall provide for an onsite OSC which shall have adequate capacity and supplies, including, for example, respiratory protection, protective clothing, portable lighting, portable radiation monitoring equipment, cameras and communications equipment for personnel present in the OSC.	H 3.0	EOF-11 RR-21/87 OSC-21

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
H.10	Inspect/inventory/operationally check equipment at least quarterly and after each use. There shall be sufficient reserves of instruments/equipment to replace those which are removed from emergency kits for calibration or repair.	H 5.0	EPT-24, 25, 26 RP Surv. Tests
H.11	Identify emergency kits, by general category (i.e., protective equipment, comm equipment, rad monitoring equipment).	H 5.0	N/A
H.12	Each organization will establish a central point for receipt and analysis of all field monitoring data and coordination of sample media.	H 2.1	EOF-3

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
I. Accident Assessment			
I.1	Identify plant system and effluent parameter values characteristic of a spectrum of off-normal conditions and accidents, and shall identify the plant parameter values or other information which correspond to the example initiating conditions of Appendix 1.	Sec D I 1.0 2.0	OSC-1
I.2	Onsite capability and resources to provide initial values and continuing assessment throughout the course of an accident shall include post accident sampling capability, radiation and effluent monitors, in-plant iodine instrumentation and containment radiation monitoring.	I 1.0 2.0	EOF-6 OSC-1
I.3	Each licensee shall establish methods and techniques to be used for determining:		
I.3.a	The source term of releases of radioactive material within plant systems.	D 1.0 Table D-1	EOF-6 OSC-2
I.3.b	The magnitude of the release of radioactive materials based on plant system parameters and effluent monitors.	D 2.0	OSC-1 EOF-6
I.4	Each licensee shall establish the relationship between effluent monitor readings and onsite and offsite exposures and contamination for various met conditions.	D 2.0	OSC-1 EOF-6
I.5	Each licensee shall have the capability of acquiring and evaluating met information sufficient to meet the criteria of Appendix 2.	I 2.2.3	EOF-6

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
I.6	Each licensee shall establish the methodology for determining the release rate/projected doses of the instrumentation used are offscale or inoperable.	I 3.1	EOF-6
I.7	Field monitoring plans.	I 2.3	EOF-3, RR-22, 72, 87
I.8	Provide methods, equipment and expertise to make rapid assessment of the actual or potential magnitude of any rad hazard through liquid or gaseous release pathways.	I 3.0	EOF-6
I.9	Each organization shall have a capability to detect and measure radioiodine concentrations in air in the plume exposure EPZ as low as 10^{-7} μ Ci/cc under field conditions.	I 3.0	EOF-3
I.10	Each organization shall establish means for relating the various measured parameters (e.g. contamination levels, water and air activity levels) to dose rates for key isotopes and gross radioactivity measurements.	I 3.0	EOF-6
I.11	Arrangements to locate and track the plume.	I 2.3	EOF-3 RR-22/72/87

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
J. Protective Response			
J.1	Each licensee shall establish the means and time required to warn or advise individuals within the owner-controlled area, including:	J 1.3.2 J 1.1	
J.1.a	Employees not having emergency assignments;	J 1.1 J 1.3.2	OSC-2
J.1.b	Visitors;	J 1.1 J 1.3.2	OSC-2 Security Procedures RR-17
J 1.c	Contractor and construction personnel, and	J 1.1 J 1.3.2	OSC-2 RR-17
J 1.d	Other persons who may be in the public access areas or passing through the site or within the owner-controlled area.	J 1.1 J 1.3.2	OSC-2 Security Procedures RR-17
J.2	Make provisions for evacuation routes and transportation for onsite individuals to some suitable offsite location, including alternatives for inclement weather, high traffic density and specific rad conditions.	J 1.2 Table J-9	OSC-2
J.3	Each licensee shall provide for radiological monitoring of people evacuated from the site.	J 1.2	RR-87
J.4	Each licensee shall provide for the evacuation of onsite non-essential personnel in the event of a Site Area or General Emergency and shall provide a decon capability at or near the monitoring point specified in J.3, above.	J 1.2	EOF-10, OSC-2 RR-87

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
J.5	Each licensee shall provide for a capability to account for all individuals onsite at the time of the emergency and ascertain the names or missing individuals within 30 minutes of the start of the emergency and account for all onsite individuals continuously thereafter.	J 1.3.2	OSC-2, RR-17 Security Procedures
J.6	Each licensee shall, for people remaining onsite, make provisions for:		
J.6.a	Individual respiratory protection;	J 1.4.4	EOF-11 RP Manual
J.6.b	Use of protective clothing;	J 1.4.3	EOF-11 RP Manual
J.6.c	Use of KI.	J 1.4.5	EOF-21, RR-87
J.7	Each licensee shall establish a mechanism for recommending PAs to State and locals.	J 2.1.1	EOF-7
J.8	Each licensee's plan shall contain an ETE. These shall be in accordance with Appendix 4.	J 2.3	N/A
J.9	State/local applicability	N/A Table J-9 J-10	N/A
J.10	The organization's plans to implement protective measures for the EPZ shall include:		
J.10.a	Maps showing evacuation routes, evacuation areas, preselected radiological sampling and monitoring points, relocation centers in host areas, and shelter areas;	J 2.3.2 Fig J-1 J-2	OSC-2 ANS Map 10-Mile EPZ Map

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
J.10.b	Maps showing pop distribution around the Nuclear facility. This shall also be by evacuation areas;	J 2.3.3 Fig J-4 J-7 J-8	N/A
J.10.c	Means for notifying all segments of the transient and resident population;	J 2.2	EOF-24
J.10.d	State/local applicability	N/A	N/A
J.10.e	State/local applicability	N/A	N/A
J.10.f	State/local applicability	N/A	N/A
J.10.g	State/local applicability	N/A	N/A
J.10.h	State/local applicability	N/A	N/A
J.10.i	State/local applicability	N/A	N/A
J.10.j	State/local applicability	N/A	N/A
J.10.k	State/local applicability	N/A	N/A
J.10.l	State/local applicability	N/A	N/A
J.10.m	The basis for the choice of recommended protective actions from the EPZ during emergency conditions.	J 2.1 Table J-2 J-3 J-4	EOF-7
J.11	State applicability	N/A	N/A
J.12	State/local applicability	N/A	N/A

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
K. Radiological Exposure Control			
K.1	Each licensee shall establish onsite exposure guidelines consistent with EPA Emergency Worker and Lifesaving Activity PAGs for:		
K.1.a	Removal of injured persons;	K 1.1	RP Manual
K.1.b	Undertaking corrective actions;	K 1.1	RP Manual
K.1.c	Performing assessment actions;	K 1.1	RP Manual
K.1.d	Providing first aid;	K 1.1	FCSG-15 RP Manual
K.1.e	Performing personnel decon;	K 1.1	RP Manual
K.1.f	Providing ambulance service; and	K 1.1	FCSG-15 RP Manual
K 1.g	Providing medical treatment services.	K 1.1	FCSG-15 RP Manual
K.2	Each licensee shall provide an onsite rad protection program to be implemented during emergencies, including methods to implement exposure guidelines.	K 1.1	EOF-11 RP Manual
K.3.a	24 hour capability to determine the doses received by emergency personnel involved in any nuclear accident, including volunteers.	K 1.2	RP Manual RR-28
K.3.b	Each organization shall ensure that dosimeters are read at appropriate frequencies.	J 1.4.2 K 1.2	RP Manual
K.4	State/local applicability	N/A	N/A
K.5.a	Action levels for determining the need for decon.	K 2.1	RP Manual
K.5.b	Decon of personnel wounds, supplies, instruments and equipment and for waste disposal.	K 2.0, 3.0	RP Manual

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
K.6	Each licensee shall provide onsite contamination control measure including:		
K.6.a	Area access control;	K 2.0	RP Manual
K.6.b	Drinking water and food supplies;	K 2.2	Chemistry Manual
K.6.c	Criteria for permitting return of areas and items to normal use (see ANSI 12.13).	K 2.4	RP Manual
K.7	Each licensee shall provide the capability for decon of relocated onsite personnel, including provisions for extra clothing and decontaminants suitable for the type of contamination given to radioiodine contamination of the skin.	K 2.1 L 3.2	EOF-10

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
L. Medical and Public Health Support			
L.1	Each organization shall arrange for local and backup hospital and medical services having the capability for evaluation of radiation exposure and uptake, including assurances that persons providing these services are adequately prepared to handle contaminated persons.	L 3.0	FCSG-15
L.2	Each licensee shall provide for onsite first aid capability.	L 1.0	FCSG-15
L.3	State applicability	N/A	N/A
L.4	Each organization shall arrange for transportation of rad victims to medical support facilities.	L 2.0	FCSG-15

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
M. Recovery and Reentry Planning and post Accident Operations			
M.1	Each organization shall develop plans and procedures for reentry and recovery and describe the means by which decisions to relax protective measures are reached.	M 1.3 2.0	EPIP-EOF-19 EPIP-OSC-2
M.2	Each licensee plan shall contain the position/title, authority and responsibilities of individuals who will fill key positions in the recovery organization.	M 1.2	EPIP-EOF-19
M.3	Each licensee and state plan shall specify the means for informing members of the response organizations that a recovery operation is to be initiated, and of any changes in the organizational structure that may occur.	M 1.2	EPIP-EOF-19 EPIP-OSC-2
M.4	Each plan shall establish a method for periodically estimating total population exposure.	I 3.0	EPIP-EOF-6 EPF-6

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
N. Exercises and Drills			
N.1.a	Exercises shall be conducted as set forth in NRC and FEMA rules.	N	EPT-20
N.1.b	An exercise shall include mobilization of State and local personnel and resources...shall provide for a critique by federal and state observers/evaluators...scenario varied from year to year...6:00 PM and Midnite/Midnite and 6:00 AM exercises....under various weather conditions....some unannounced.	N 1.0	EPT-20
N.2.a	Communications drills:		
	Comm with State and Locals (monthly)	N 2.1.a	EPT-5/6
	Comm with Federal EROs and states within the IPZ (quarterly)	N 2.1.c	EPT-7
	Comm between the plant, state and local EOCs, and field assessment teams (annually)	N 2.1.d	EPT - 8
N.2.b	Fire Drills	N 2.2	EPT-35, FCSG-10
N.2.c	Medical Emergency Drills	N 2.3	EPT-35, FCSG-15
N.2.d	Rad Monitoring Drills	N 2.4	EPT-12/13
N.2.e	HP Drills		
	Shall be conducted semi-annually which involve response to and analysis of simulated elevated airborne and liquid samples and direct rad measurements. The state drills need not be at each site.	N 2.4	EPT-12
	Analysis of inplant liquid samples with actual elevated rad levels including use of the PASS shall be included in HP drills by licensees annually.	N 2.4	EPT-13

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
N.3	Each organization shall describe how exercises and drills are to be carried out to allow free play for decision making and to meet the following objectives.The scenarios shall include, but not be limited to, the following:		
N.3.a	Basic objectives and appropriate evaluation criteria;	N 1.0, 3.0	EPT-20
N.3.b	Dates, time periods, places, and participating organizations;	N 1.0, 3.0	EPT-20
N.3.c	The simulated events;	N 1.0, 3.0	EPT-20
N.3.d	Time schedule of real and simulated initiating events;	N 1.0, 3.0	EPT-20
N.3.e	A narrative summary;	N 1.0, 3.0	EPT-20
N.3.f	A description of arrangements and advance materials for official observers.	N 1.0, 4.0	EPT-20
N.4	An exercise critique.	N 4.0	EPT-20
N.5	Evaluating the comments from observers and participants.	N 4.0	EPT-20

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
O. Radiological Emergency Response Training			
O.1	Each organization shall assure training of appropriate individuals.	O 4.0 5.0	EPDM-10
O.1.a	Each facility shall train members of the ERO.	O 5.0	EPDM-10
O.1.b	State/local applicability	O 6.0	N/A
O.2	Training shall include drills.	N 2.0	EPT-35
O.3	Licensee training for First Aid teams to include ARC Multi-Media or equivalent.	O 1.0	EPDM-10
O.4	Each organization shall establish a training program for ERO. Training shall be in the following categories:		
O.4.a	Directors or coordinators of EROs;	O 5.0	EPDM-10
O.4.b	Accident assessment personnel;	O 5.0	EPDM-10
O.4.c	Rad Mon Teams and rad analysis personnel;	O 5.0	EPDM-10
O.4.d	Police, security and fire fighting personnel;	O 6.0	Security Manual
O.4.e	Repair and damage control/correctional action teams (onsite);	O 5.0	EPDM-10
O.4.f	First aid and rescue personnel;	O 1.0 6.0	EPDM-10 EPT-18
O.4.g	Local support services personnel, including CD/Emergency Services personnel;	O 6.0	EPDM-10 EPT-18
O.4.h	Medical Support Personnel;	L 3.2 O 6.0	EPDM-10 EPT-18
O.4.i	Licensee Headquarters support personnel;	O 4.0	EPDM-10 Crisis Communication Plan

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
O.4.j	Personnel responsible for transmission of emergency information and instructions.	O 4.0	EPDM-10 OSC-15
O.5	Initial and annual retraining.	O 5.0	EPDM-10

NUREG/RERP/IMPLEMENTING PROCEDURE CROSS REFERENCE LIST

NUREG Section	NUREG Criteria	RERP Section	Implementing Procedure(s)
P. Responsibility for the Planning Effort; Development, Periodic Review and Distribution of Emergency Plans			
P.1	Each organization shall provide for the training of individuals responsible for the planning effort.	P 1.0	Nuclear Policy Manual 1.07
P.2	Each organization shall identify by title the individual with overall planning authority;	P 1.0	Nuclear Policy Manual 1.07
P.3	Each organization will designate an Emergency Planning Coordinator.	P 1.0	Nuclear Policy Manual 1.07
P.4	Each organization shall update its plan and agreements as needed, review and certify it to be current on an annual basis. Changes will take into consideration items from drills and exercises.	P 2.0	EPT-16/22
P.5	Plans and plan changes shall be forwarded to all organizations and appropriate persons with EP responsibility. Revised pages dated and marked to show changes.	P 2.0	SO-G-7 EPDM-05
P.6	List supporting plans and source.	APPEN B	N/A
P.7	Each plan shall contain an appendix listing procedures required to implement the plan. The listing shall include the sections of the plan to be implemented by each procedure.	APPEN C	N/A
P.8	Each plan shall contain a table of contents. Plans submitted for review should be cross-referenced to these criteria.	APPEN C	N/A
P.9	Independent review of the plans.	P 3.0	N/A
P.10	Quarterly update of plan telephone numbers.	P 4.0	EPT-10

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EPIP-RR-21A	Maintenance Coordinator Actions	R4 11-30-99
EPIP-RR-22	Protective Measures Coordinator/Manager Actions	R20 08-24-00
EPIP-RR-22A	Chemistry Coordinator Actions	R5 02-29-00
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EPIP-RR-72	Field Team Specialist Actions	R12 02-29-00a
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EPIP-RR-90	EOF/TSC CHIP Communication Actions	R0 10-24-00

WP8

Fort Calhoun Station
Unit No. 1

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EPIP-RR-29

EMERGENCY PLAN IMPLEMENTING PROCEDURE

Title: EOF ADMINISTRATIVE LOGISTICS MANAGER ACTIONS

FC-68 Number: EC 26603

Reason for Change: Change ABB-CE to Westinghouse Electric. Administrative and editorial changes.

Requestor: Rhonda Hankins

Preparer: Rhonda Hankins

Correction (a): Page 6 (04-17-01)

ISSUED: 03-13-01 3:00 pm

R19

EOF ADMINISTRATIVE LOGISTICS MANAGER ACTIONS

NON-SAFETY RELATED

1. PURPOSE

- 1.1 The purpose of this procedure is to provide guidance to the EOF Administrative Logistics Manager in performing actions outlined in the Emergency Plan Implementing Procedures (EIPs).

2. REFERENCES/COMMITMENT DOCUMENTS

- 2.1 EPIP-EOF-1, Activation of the Emergency Operations Facility
- 2.2 EPIP-EOF-21, Potassium Iodide Issuance
- 2.3 EPIP-EOF-24, EOF Backup Alert Notification System Activation
- 2.4 ANI Underwriter's Manual
- 2.5 Emergency Telephone Book

3. DEFINITIONS

NONE

4. PREREQUISITES

NONE

5. PROCEDURE

- 5.1 Use the EOF Administrative Logistics Manager Checklist, Attachment 6.1, as an aid to completing required actions.

NOTE: The attached checklist is designed as a reminder of actions which are required to be performed during an emergency condition.

- 5.2 Review the procedure and checklist, and accomplish the applicable steps both upon initial activation and periodically, as required, thereafter.
- 5.3 At the completion of the shift or at event termination, initial the steps which are completed.

- 5.4 Retain all documentation (logs, calculation sheets, notes, etc.) generated or used during the emergency. At the termination, every position in the EOF will deliver documentation to you. Assemble all documentation for legal records and event analysis. Request the Emergency Planning Department to place in safe storage.

6. ATTACHMENTS

- 6.1 EOF Administrative Logistics Manager Checklist
- 6.2 Westinghouse Electric Emergency Information Sheet
- 6.3 INPO Event Notification

(✓) INIT/TIME

- | | | | |
|--------|--|-----|-------|
| 10.2 | If requested by the states or counties, activate the sirens per EPIP-EOF-24. | — | — |
| 10.3 | Notify the Emergency Director, EOF Information Specialist, Iowa Emergency Management EOF Liaison and Nebraska Assistant to Governor Authorize Representative (GAR) of any siren activations or malfunctions. | — | — / — |
| 11. | Determine 24-hour staffing for all EOF positions (use EPF-11, as necessary). | — | — / — |
| 12. | When all shift rotation schedules have been submitted, direct the preparation of an EOF shift schedule and roster for posting and distribution. (Use EPF-11, as necessary). | — | — / — |
| 13. | Contact scheduled personnel to inform them of the shift schedules, using other personnel to assist, as necessary. | — | — / — |
| 14. | At Site Area Emergency and General Emergency, make notifications to the following support groups: | SAE | GE |
| 14.1 | American Nuclear Insurers (see Emergency Phonebook) | — | — |
| 14.2 | Fill out Attachment 6.2, Westinghouse Electric Emergency Information Sheet; | | |
| 14.2.1 | Have Emergency Director determine the level of Westinghouse Electric response desired; | — | — |
| 14.2.2 | Relay the information on Attachment 6.2 by calling the Westinghouse Electric Emergency Response Center. | — | — |
| 14.3 | Nuclear Regulatory Commission Region IV | — | — |
| 14.4 | Federal Emergency Management Agency | — | — |
| 14.5 | Institute of Nuclear Power Operations (using Attachment 6.3, INPO Event Notification) | — | — |
| 14.6 | Metropolitan Utilities District | — | — |

(✓) INIT/TIME

SAE GE

- | | | | | |
|------|--|-------|-------|---------------|
| 14.7 | Notify Union Pacific that a radiological emergency has occurred at the Fort Calhoun Station which may require stopping all railway traffic through the 10-mile EPZ (see the Emergency Telephone Book). | _____ | _____ | _____ / _____ |
| 15. | Provide a detailed briefing to your shift relief of any actions taken and the current emergency status. | | | _____ / _____ |
| 16. | Assist in development and arranging Emergency Director staff briefings. Briefings should be held at maximum of 4 hour intervals. Attendees should include state and federal officials along with appropriate OPPD Emergency Response Organization members. | | | _____ / _____ |
| 17. | As needed, contact OPPD support groups/individuals for assistance (see Emergency Phone Book). | | | _____ / _____ |
| 18. | Notify the Radiation Health Center at University Hospital NHS (see Emergency Phone Book) of any OPPD employees that were administered potassium iodide (KI) per EPIP-EOF-21. Inform them that the individual(s) will be asked to report to the Radiation Health Center for follow-up examinations. | | | _____ / _____ |

Attachment 6.2 - Westinghouse Electric Emergency Information Sheet

1. Date: _____ Time: _____
2. Name and title: _____
3. Omaha Public Power District, Fort Calhoun Nuclear Station, Fort Calhoun, Nebraska
4. Call Back Numbers (2): _____ or _____
5. This call is for a: (circle one)

REAL EMERGENCY or DRILL

6. What is the EMERGENCY CLASSIFICATION? (circle one)

Alert Site Area Emergency General Emergency

7. What is the desired Westinghouse Electric Response, as specified by the Emergency Director (circle one):

- 7.1 **STANDBY** - No Westinghouse Electric action authorized other than to standby for further information as it becomes available.
- 7.2 **ALERT** - Westinghouse Electric is to inform its Emergency Response Organization (ERO), but no further action beyond the notification is authorized.
- 7.3 **CENTER ACTIVATION** - Westinghouse Electric is to inform its ERO and assemble their Emergency Response Team at the Westinghouse Electric Emergency Response Center (ERC). Further action would be specified by OPPD.
- 7.4 **FULL RESPONSE** - Westinghouse Electric to activate its ERC and bring other available system resources up to full alert. Further action would normally be specified by the utility, **but Westinghouse Electric would be authorized to take prudent, independent action where timely utility approval could not be obtained.**

8. Describe event briefly, with dates and times:

Attachment 6.3 - INPO Event Notification

1. Notification status (check one):

- a. Actual Event
- b. Drill or Exercise

2. Omaha Public Power District, Fort Calhoun Station, Unit 1, Fort Calhoun, Nebraska

3. Caller's Name: _____ Phone No.: _____
 Calling From: Control Room (Simulator) TSC EOF _____ Other

4. Utility's Sr Mgr in Charge of Emergency: _____ Phone No.: _____
 Located in: Control Room (Simulator) TSC EOF _____ Other Fax No.: _____

5. Event Classification (check one):

		Date Declared	Time Declared	Plant Time Zone
a. Unusual Event	<input type="checkbox"/>			
b. Alert	<input type="checkbox"/>			
c. Site Area Emergency	<input type="checkbox"/>			
d. General Emergency	<input type="checkbox"/>			
e. Terminated	<input type="checkbox"/>			

6. Reason for Event Declaration: _____

7. INPO Assistance Requested? _____ (yes/no)

- Type Facilitating technical information flow to the nuclear industry by maintaining NUCLEAR NETWORK®
- Locating **replacement equipment** and industry personnel with special **technical expertise**
- Providing **technical information and industry experience** with similar plant systems and components
- Dispatching an **INPO Liaison** to the affected plant/utility to facilitate utility interface with INPO and its industry resources
- Other: _____

When Needed: _____ Where Needed: _____

Utility Contact Requesting Assistance: _____

Utility Contact Phone Number: _____