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Kewaunee / Point Beach Nuclear
Operated by Nuclear Management Company, LLC

December 4, 2001

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, attached is 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,

A handwritten signature in black ink, appearing to read "T. Webb", is written over a white background.

Thomas J. Webb
Site Licensing Director

SLC

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

December 04, 2001

EMERGENCY PLAN IMPLEMENTING PROCEDURES TRANSMITTAL FORM

RETURN TO DIANE FENCL - KNPP

OUTSIDE AGENCY COPIES (1-20)

T. Webb - NRC Document Control Desk (1)*
T. Webb - NRC Region III (2 & 3)*
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)*
Krista Kappelman - PBNP - EP (10)*
Craig Weiss - Wisconsin Power & Light (11)*
Jim Holthaus - Nuclear Management Company (12)*

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

J. Bennett (33) D. Mielke (35) H. Kocourek (13) K. Hoops (28)
D. Masarik (32) D. Seebart (24) B. Bartelme (34)

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)
L. Welch - Fuel Services (65)
NO Library - KNPP (59)
C. Sternitzky - ATF-2 (44)
D. Braun - ATF-3 (45)
P. Ehlen - I&C Office (42)
M. Daron - Security Building (46)
P&FS Adm - GB D2-3 (EOF) (81)
H. Kocourek - OSF (52)
C. Hutter - ATF-1 (64)
LOREB - STF (62, 66, 67, 68, 70, 72, 73, 74)
STF Library (43)
Resource Center (82, 89, 94, 131)
D. Schrank - Maintenance Off. (41)
D. Krall - CR/SS Office (51, 56)
P&FS Adm - GB-D2 (Nuclear Library) (84)
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W. Galarneau - RAF (53)
W. Galarneau - SBF/EMT (54)
W. Galarneau - RPO (55)

WORKING COPIES (101-199) These copies of procedures are kept in the areas designated for use in response to an emergency. These are not complete sets, but contain only those procedures that are used to implement activities in the location where they are kept. Please dispose of any sections distributed that are not tabbed in the indicated copy.

W. Galarneau - RAF/RPO (106, 107)
W. Galarneau - SBF/ENV (108, 109)
W. Galarneau - SBF/EM Team (110, 111, 111A)
W. Galarneau - Aurora Medical Center (118, 119)
W. Flint - Cold Chem/HR Sample Room (113)
N. Deda - SBF/SEC (114)
D. Krall - CR/Communicator (116)(Partial Distribution)
Simulator/Communicator (117)
M. Fencl - Security (121)
N. Deda - Security Building (120)
S. VanderBloomen (125)
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
 December 04, 2001**

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 January 04, 2002, SIGNED AND DATED to serve as a record of revision.

EPIP Index, dated 12-04-2001.

REMOVE		INSERT	
PROCEDURE	REV.	PROCEDURE	REV.
EPIP-APPX-A-02	BL	EPIP-APPX-A-02	BM
EPIP-APPX-A-03	BN	EPIP-APPX-A-03	BO
Figure EPIPFG-APPX-A-02-01 (filed after EPIP-APPX-A-02)	B	DELETED	---
Form EPIPF-OSF-03-01	B	Form EPIPF-OSF-03-01	C

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

 SIGNATURE

 DATE

Please return this sheet to *DIANE FENCL*.

Diane Fencl
 Diane Fencl

Enclosure

EMERGENCY PLAN IMPLEMENTING PROCEDURES

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EPIP-AD-02	Emergency Class Determination	AC	11-15-2001
EPIP-AD-03	KNPP Response to an Unusual Event	AC	11-15-2001
EPIP-AD-04	KNPP Response to Alert or Higher	AE	11-15-2001
EP-AD-5	Site Emergency	Deleted	04-27-87
EPIP-AD-05	Emergency Response Organization Shift Relief Guideline	C	06-05-2001
EP-AD-6	General Emergency	Deleted	04-24-87
EPIP-AD-07	Initial Emergency Notifications	AN	11-15-2001
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
EPIP-AD-11	Emergency Radiation Controls	Q	09-27-2001
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	O	10-30-2001
EP-AD-16	Occupational Injuries or Vehicle Accidents During Emergencies	Deleted	03-14-97
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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	V	10-09-2001
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EP-ENV-3E	Manual Determination of X/Q	Deleted	04-24-87
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EP-ENV-3G	Manual Dose Projection Calculation	Deleted	06-02-89
EP-ENV-3H	Protective Action Recommendations	Deleted	04-13-90
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EP-ENV-4C	Environmental Monitoring Teams	Deleted	04-13-90
EPIP-ENV-04C	Ground Deposition Sampling and Analysis	W	10-09-2001
EPIP-ENV-04D	Plume Tracking for Environmental Monitoring Teams	N	10-02-2001
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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
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EP-ENV-8	Total Population Dose Estimate Calculations	Deleted	04-14-86
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EPIP-EOF-02	Emergency Operations Facility (EOF) Activation	Z	11-29-2001
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EP-EOF-9	Notification of Site Emergency	Deleted	04-24-87
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EPIP-EOF-11	Internal Communication and Documentation Flow	U	11-15-2001
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EP-OP-2	Emergency Control Room Activation for Emergency Response	Deleted	04-24-87
EP-OP-3	Control Room Communications	Deleted	04-24-87
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EP-OSF-4	Operational Support Facility Communications	Deleted	04-24-87
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EP-SEC-2A	Manual Activation of Emergency Sirens	Deleted	04-16-82
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* EP-TSC-8B was totally deleted; therefore, EP-TSC-8C was changed to EP-TSC-8B			
EP-TSC-9	Core Damage Assessment Using Released Radionuclides	Deleted	09-30-86
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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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EPIP-APPX-A-03	Off-Site Telephone Numbers	BO	12-04-2001
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AD 11.1	Emergency Radiation Work Permit	F	04-16-96
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RET 2B.2	Auxiliary Building Stack (Grab Sample)	C	04-16-96
RET 2B.3	Auxiliary Building Stack (Sping Reading)	C	04-16-96
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-04-01	SAM-2 Counting Equipment Worksheet	E	06-12-2001
RET 8.3	Hospital Survey 1	Deleted	06-05-2001
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
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TSC-03-02	Plant Equipment Status	L	06-12-2001
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TSC-03-04	Radiation Monitors	H	06-12-2001
TSC-04-01	Emergency Physical Change Request	F	08-29-2000
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TSC-07-01	Head Venting Calculation	F	10-31-2000
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-APPX-A-02		Rev. BM		
	Title Response Personnel Call List				
	Date DEC 04 2001		Page 1 of 4		
Reviewed By <i>Jeanne M. Ferris</i>		Approved By <i>David R. Leebart</i>			
Nuclear Safety Related	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	PORC Review Required	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	SRO Approval Of Temporary Changes Required	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

1.0 Purpose

- 1.1 This appendix provides a consolidated list of all Emergency Response Organization (ERO) members sorted three ways:
- By facility, then ERO position
 - Accountability Coordinators by Facility
 - All members alphabetically by last name

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 Class Determination."

3.0 Precautions and Limitations

- 3.1 Changes made to the ERO between quarterly updates are managed in the WPSR Corporate Database "PeopleSoft."
- 3.2 The appendices to this procedure are reviewed and updated quarterly. This review and update is required to fulfill the requirements of the Emergency Plan Section 8.3.1.

4.0 Initial Conditions

- 4.1 This appendix is used for reference during an emergency at the Kewaunee Nuclear Power Plant (KNPP).

5.0 Procedure

- 5.1 This appendix will be updated quarterly.

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.

WISCONSIN PUBLIC SERVICE CORP. Kewaunee Nuclear Power Plant <i>Emergency Plan Implementing Procedure</i>	No.	EPIP-APPX-A-02	Rev.	BM
	Title	Response Personnel Call List		
	Date	DEC 04 2001	Page 2 of 4	

7.0 References

7.1 Attachments

- EPIP Table Appx-A-2.1, Appx-A-2 - Response Personnel Call List (Facility)
- EPIP Table Appx-A-2.2, Appx-A-2 - Response Personnel Call List (Accountability Coordinators)
- EPIP Table Appx-A-2.3, Appx-A-2 - ERO Qualified Personnel Assignments (Response Personnel Sorted By Name)

7.2 EPMP-05.03, Telephone Number Quarterly Review

7.3 EPIP-AD-02, Emergency Class Determination

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

ERO CALL TREE

Note

IF the call tree is being implemented in response to a security threat (EPIP-AD-20), THEN only contact the underlined positions and instruct them to report to the EOF, EXCEPT the Emergency Director (ED) who should report to the Control Room.

Note

When each individual is called, the following questions will be asked:

1. Are you fit for duty? (IF the answer is NO, THEN that individual will not be counted as a responder.)
2. What is your response time? (The answer will determine their ability to fill the time requirements in the table below.)

Telephone numbers for individual ERO members are listed by position in EPIP-APPX-A-02.

Call individuals in each ERO position until the requirement for the Table B-1 function is filled, then go on to the next function.

Table B-1 Function	ERO Position	< 31	< 61	Total
ERO CALL TREE PART "A"				
A-1. <u>Core Assessment</u>	- <u>SRCL</u> - SAMCH	1		1
A-2. Instrument and Control	- I&C	1		1
A-3. <u>Dose Calculator</u>	- DPC - <u>EPD</u>	1		1
A-4. Chemistry	- CET	1		1
A-5. Electrician	- ELECT	1	1	2
A-7. <u>Communicators</u>	- CRCm - EOFcm - <u>OFFcm</u> - NRCCm	1	2	3
A-8. <u>Emergency Response Manager</u>	- <u>ERM</u>		1	1
A-9. <u>Emergency Director</u>	- <u>ED</u>		1	1
A-10. Mechanic	- MECH		1	1
ERO CALL TREE PART "B"				
B-1. Off-Site and On-Site Surveys	- EMT	3	3	6
B-2. Radiation Protection and In-Plant Surveys	- IRET - RPD	3	3	6
B-3. Rad Waste Operator	- NAO		1	1
B-4. <u>Engineering</u>	- ENGCD - <u>ENGLI</u> - <u>TB</u> - TSCD		2	2
B-5. <u>Public Information (not Table B-1)</u>	- <u>NPID</u>		1	1

**Appx-A-2 - Response Personnel Call List
(Facility)
EPIP Table Appx-A-2.1**

Name	Primary Job	Secondary Job	Work Location	Work Phone	Home Phone	Pager Ext
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**Appx-A-2 - Response Personnel Call List
(Accountability Coordinators)
EPIP Table Appx-A-2.2**

Work Location	Name	Primary Job	Time Contacted	Work Phone	Home Phone	Pager Ext
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**Appx-A-2 - ERO Qualified Personnel Assignments
(Response Personnel Sorted By Name)
EPIP Table Appx-A-2.3**

Employee	Primary Job	Secondary Job	Work Location	Work Phone	Home Phone
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The data contained on the attached tables have been intentionally omitted from external copies of this document.

This data is withheld to ensure the privacy of the employees of Nuclear Management Company, LLC, Wisconsin Public Service Corporation, and off-site support groups which have supplied personal information for internal use by Nuclear Management Company. 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 communication data needed to ensure a prompt response of on-site and off-site support groups over the established communication systems.

WISCONSIN PUBLIC SERVICE CORP. Kewaunee Nuclear Power Plant <i>Emergency Plan Implementing Procedure</i>		No. EPIP-APPX-A-03	Rev. BO
		Title Off-Site Telephone Numbers	
		Date DEC 04 2001	Page 1 of 8
Reviewed By <i>Jeanne M. Ferris</i>		Approved By <i>David R. Seibert</i>	
Nuclear Safety Related	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	PORC Review Required	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		SRO Approval Of Temporary Changes Required	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

1.0 Purpose

- 1.1 This appendix provides lists of telephone numbers for contacting:
- Off-site agencies or organizations that may be called to respond or assist during a declared emergency at the Kewaunee Nuclear Power Plant (KNPP).

2.0 General Notes

- 2.1 This appendix may be used as a reference document for any declared emergency. If a listing of KNPP Emergency Response Facility phone numbers is needed, see "KNPP Emergency Response Facility Telephone Numbers," EPIP-APPX-A-06.

3.0 Precautions and Limitations

- 3.1 This appendix is updated quarterly. Between these updates, changes may take place that are not recorded in this appendix.

4.0 Initial Conditions

- 4.1 This appendix is implemented during an emergency at the Kewaunee Nuclear Power Plant.

5.0 Procedure

- 5.1 Changes in telephone numbers which have occurred after the revision date (in header) will not be reflected in this appendix.
- 5.2 Changes to fax numbers preceded by an "*" should be updated in the Prairie Systems Fax Broadcast List "008." For further information, reference "WPS Public Affairs Department," Procedure 64.1, "Prairie Systems Fax Broadcasting."

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.

WISCONSIN PUBLIC SERVICE CORP. Kewaunee Nuclear Power Plant <i>Emergency Plan Implementing Procedure</i>	No. EPIP-APPX-A-03	Rev. BO
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7.0 References

- 7.1 EPMP-05.03, Telephone Number Quarterly Review
- 7.2 EPIP-APPX-A-06, KNPP Emergency Response Facility Telephone Numbers
- 7.3 64.1, Prairie Systems 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

OFF-SITE SUPPORT AGENCY TELEPHONE NUMBERS EPIP-APPX-A-03

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

This data is withheld to ensure the privacy of the employees of Nuclear Management Company, LLC, Wisconsin Public Service Corporation, and off-site support groups which have supplied personal information for internal use by Nuclear Management Company. 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 communication data needed to ensure a prompt response of on-site and off-site support groups over the established communication systems.

OPERATIONAL SUPPORT FACILITY TEAM BRIEFING

OSF Briefing

Team Members: _____ Team Coordinator/Lead Person: _____
_____ Estimated/Required Completion: _____ / _____
Date Time

Purpose of this Team:

Prioritization (from Status Board)

_____ Urgency of Task	_____ Work Order Reviewed	_____ Procedures Required
_____ First Aid Equipment	_____ Tools Required	_____ Parts/Equipment Required
_____ Communications	_____ Expected Conditions	_____ Abort Instructions
_____ Safety Concerns		
_____ How to Account if the Emergency Alarm Sounds		

Briefed by: _____ Time: _____

Radiological Briefing

_____ Dosimetry	_____ Protective Clothing	_____ Survey Instruments
_____ Respiratory Protection Equipment	_____ Dose Limit Extensions	_____ Radiation Dose Rates
_____ Estimated Stay Time	_____ Planned Route	_____ Abort Instructions

Briefed by: _____ Time: _____

Debriefing (Use additional sheets of paper if necessary.)

Work Performed:

Problems Encountered, Observations:

Radiological Conditions:

Briefed by: _____ Time: _____ Date: _____

Upon completion of this form, file with OSF Coordinator.