



A unit of American Electric Power

Indiana Michigan Power  
Cook Nuclear Plant  
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February 10, 2015

AEP-NRC-2015-17  
10 CFR 50.4

Docket Nos.: 50-315  
50-316

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555-0001

Donald C. Cook Nuclear Plant Units 1 and 2  
Response to Regulatory Issue Summary 2014-13,  
"Planned Licensing Action Submittals For All Power Reactor Licensees"

Reference 1: Regulatory Issue Summary 2014-13, "Planned Licensing Action Submittals For All Power Reactor Licensees"

This letter provides Indiana Michigan Power Company's (I&M), the licensee for Donald C. Cook Nuclear Plant Units 1 and 2, response to Regulatory Issue Summary (RIS) 2014-13 "Planned Licensing Action Submittals For All Power Reactor Licensees" by the U. S. Nuclear Regulatory Commission (NRC).

By Reference 1, the NRC transmitted RIS 2014-13, "Planned Licensing Action Submittals For All Power Reactor Licensees." The enclosure to this letter provides I&M's voluntary response to the NRC's RIS 2014-13 request contained in Reference 1. I&M currently has no plans to apply for power uprates. All information included in this letter may be made available to the public.

There are no new or revised commitments made in this letter. Should you have any questions, please contact Mr. Michael K. Scarpello, Regulatory Affairs Manager, at (269) 466-2649.

Sincerely,

A handwritten signature in black ink that reads 'M.K. Scarpello'.

Michael K. Scarpello  
Regulatory Affairs Manager

JMT/amp

A001  
NRR

Enclosure: Response to Regulatory Information Summary 2014-13, "Planned Licensing Action Submittals For All Power Reactor Licensees."

c: M. L. Chawla, NRC Washington, D.C.  
J. T. King, MPSC  
MDEQ – RMD/RPS  
NRC Resident Inspector  
C. D. Pederson, NRC Region III  
A. J. Williamson, AEP Ft. Wayne, w/o enclosures

**Enclosure to AEP-NRC-2015-17**

**Response to Regulatory Information Summary 2014-13,  
“Planned Licensing Action Submittals For All Power Reactor Licensees.”**

TABLE OF ESTIMATED LICENSING ACTIONS  
COOK NUCLEAR PLANT  
UNITS 1 AND 2  
DOCKETS 50-315 AND 50-316

LICENSING ACTION	LICENSING ACTION DESCRIPTION	PROJECTED SUBMITTAL DATE	OUTAGE RELATED? IF SO, DATE NEEDED?	COMMENTS (AS NEEDED)
Supplement to License Amendment Request (LAR)	Supplement to LAR Requesting to adopt Technical Specification Task Force (TSTF)-490, “Deletion of E Bar Definition and Revision to RCS Specific Activity Tech Spec,” and implement Alternative Source Term	2/13/15	N/A	Supplement needed for U. S. Nuclear Regulatory Commission (NRC) Acceptance Review
Flood Hazard Reevaluation Report	NRC review and approval.	3/12/15	N/A	Required by “Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident,” dated March 12, 2012.
LAR	Revise Emergency Plan Emergency Action Levels	3/31/15	N/A	

LICENSING ACTION	LICENSING ACTION DESCRIPTION	PROJECTED SUBMITTAL DATE	OUTAGE RELATED? IF SO, DATE NEEDED?	COMMENTS (AS NEEDED)
LAR	Adopt TSTF-425A, "Establishing a licensee surveillance frequency control program."	5/20/15	N/A	
LAR	Adopt TSTF-371, "Nuclear Instrumentation System power range calibration at reduced power."	7/31/15	N/A	
LAR	NRC review and approval of exemption to National Fire Protection Association-805 requirements.	7/31/15	N/A	Revise accepted areas for cables in plenums above suspended ceilings.
Analysis of Reactor Vessel Ferritic Materials	NRC review and approval	10/1/15	N/A	Required by License Condition C(19) (Unit 1) and C(3)(gg) (Unit 2)
Fifth 10-Year Inservice Testing Program and Relief Requests	NRC review and approval	10/1/15	N/A	Relief requests previously approved for Fourth 10-Year interval.
LAR	Adopt TSTF-523 "Generic Letter 2008-01, Managing Gas Accumulation"	10/30/15	N/A	Revises or adds SRs to verify that the system locations susceptible to gas accumulation are sufficiently filled with water and to provide allowances which permit performance of the verification.

LICENSING ACTION	LICENSING ACTION DESCRIPTION	PROJECTED SUBMITTAL DATE	OUTAGE RELATED? IF SO, DATE NEEDED?	COMMENTS (AS NEEDED)
LAR	Amendment to the Emergency Plan, Section H.1.b. Technical Support Center (TSC) location	12/18/15	N/A	Relocation of TSC
LAR	Adopt TSTF-545 "TS Inservice Testing (IST) Program Removal"	1/31/16	N/A	Eliminates application of TS SR 3.0.2 and 3.0.3 to TS 5.5 "Program and Manuals" activities
LAR	Amendment to modify Technical Specification (TS) Surveillance Requirement (SR) 3.6.12.5 and delete TS SR 3.6.12.6 for TS 3.6.12, Ice Condenser	6/30/16	N/A	Surveillance for ice condenser lower inlet doors.
LAR	Adopt TSTF-504-T "Revised the MSIV and MFIV Specification to Provide Actions for Actuator Trains."	6/30/16	N/A	Revises TS 3.7.3 based on license amendments granted for Wolf Creek, Callaway, and Palo Verde regarding dual actuator trains for isolation valves.
Containment Sump Report on In-Vessel Debris Effects	NRC review and approval	12/15/16	N/A	This is a response for final closure of Generic Letter 2004-02