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AEP-NRC-2015-47
10 CFR 50.73

Docket No.: 50-315

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Donald C. Cook Nuclear Plant Unit 1
NOTICE OF CANCELLATION - LICENSEE EVENT REPORT 315/2014-001-00

References:

1. Letter from Q. Shane Lies, Indiana Michigan Power Company (I&M), to U. S. Nuclear Regulatory Commission (NRC), "Licensee Event Report 315/2014-001-00 Non-Compliance with LCO 3.4.3 During Reactor Coolant System Vacuum Fill," dated April 11, 2014, AEP-NRC-2014-29.
2. Letter from Ken Schrader, Pressurized Water Reactor Owners Group (PWROG), to PWROG Committee Members, "Non-Compliance with the Pressure-Temperature Limits Technical Specification During Vacuum Refill of the RCS in Mode 5," dated February 19, 2014, OG-14-66.
3. Letter from Anne Boland, NRC, to Ernest Harkness, First Energy Nuclear Operating Company, "Perry Nuclear Power Plant – Revised Non-Cited Violation 05000440/2013007-01 in NRC Problem Identification and Resolution Inspection Report 05000440/2013007," dated September 3, 2014, EA-14-143.
4. Letter from Mahesh Chawla, NRC, to Larry Weber, I&M, "Donald C Cook Nuclear Plant, Unit 1 and 2 – Issuance of Amendments to Change the Reactor Coolant System Pressure and Temperature Limits Re: (TAC Nos. MF4280 and MF4281)," dated October 1, 2014.

In accordance with the criteria established by NUREG-1022, Revision 3, Section 5, Licensee Event Reports, the following Licensee Event Report (LER) is being canceled:

LER 315/2014-001-00: "Non-Compliance with LCO 3.4.3 During Reactor Coolant System Vacuum Fill."

By Reference 1, Indiana Michigan Power Company (I&M), the licensee for Donald C. Cook Nuclear Plant (CNP) submitted to the U. S. Nuclear Regulatory Commission (NRC) LER 315/2014-001-00. This LER resulted from a review of a Pressurized Water Reactor Owners Group notification of an identified Non-Cited Violation at another nuclear power plant for failure to comply with reactor pressure vessel pressure and temperature limits during operation of the Reactor Coolant System (RCS) at a vacuum (Reference 2). Reference 2 recommended the Pressure and Temperature

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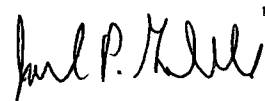
(P/T) operational limit figures in Technical Specifications (TS) be revised to reflect a pressure less than 0 pounds per square inch gauge (psig). CNP operates the RCS at a vacuum in order to refill the RCS following refueling during an outage. The RCS P/T Limits Limiting Condition for Operation (LCO), LCO 3.4.3, references two associated P/T operational limit figures, both of which terminate at a lowest pressure of 0 psig.

Subsequent to I&M submitting Reference 1 to the NRC, by Reference 3, the NRC concluded that the operation of the RCS at a vacuum is not a violation of TS. The intent of the P/T figures is to show the minimum temperatures which must be maintained at the pressures shown on the figures. Since pressures less than 0 psig are not shown, operation of the reactor at a vacuum did not represent a violation of TS. As a result, I&M is cancelling LER 315/2014-001-00.

Additionally, prior to the NRC's determination, documented in Reference 3, I&M had applied for a license amendment to revise TS 3.4.3, P/T figures to reflect operation of RCS at a vacuum. By Reference 4, the NRC approved CNP's application to revise TS. The change clarifies that P/T limits are considered to be met for pressures that are below 0 psig. The revised NRC determination documented in Reference 3 supports this TS revision.

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

Sincerely,



Joel P. Gebbie
Site Vice President

KMH/amp

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