



Indiana Michigan
Power Company
Nuclear Generation Group
One Cook Place
Bridgman, MI 49106
aep.com

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AEP:NRC:5054-15
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Docket Nos.: 50-315
50-316

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop O-P1-17
Washington, DC 20555-0001

Donald C. Cook Nuclear Plant Units 1 and 2
NUCLEAR REGULATORY COMMISSION GENERIC LETTER 2003-01:
EXTENSION OF COMMITMENT DUE DATE

- References:
1. Nuclear Regulatory Commission (NRC) Generic Letter (GL) 2003-01, "Control Room Habitability," dated June 12, 2003 (ML031620248).
 2. Letter from J. A. Zwolinski, Indiana Michigan Power Company (I&M), to U. S. NRC Document Control Desk, "Donald C. Cook Nuclear Plant Units 1 and 2, Response to Nuclear Regulatory Commission Generic Letter 2003-01: Control Room Habitability," AEP:NRC:3054-15, dated December 4, 2003 (ML033460373).
 3. Letter from J. N. Jensen, I&M, to U. S. NRC Document Control Desk, "Notification of Extension of a Commitment Due Date," AEP:NRC:4001, dated December 20, 2004 (ML043630275).
 4. NRC Regulatory Guide 1.78, "Evaluating the Habitability of a Nuclear Power Plant Control Room During a Postulated Hazardous Chemical Release," Revision 1, dated December 2001 (ML013100014).

This letter extends the due date for a commitment to update the evaluation of offsite sources of toxic gas.

By Generic Letter (GL) 2003-01 (Reference 1), the Nuclear Regulatory Commission (NRC) requested that nuclear power plant licensees submit information demonstrating that the control rooms at their facilities comply with their current licensing and design bases and applicable

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regulatory requirements, and that suitable design, maintenance, and testing control measures are in place for maintaining this compliance. Requested Information Item 1(b) of the GL requested that licensees confirm that the most limiting unfiltered inleakage into the control room envelope was incorporated into the hazardous chemical assessments.

Indiana Michigan Power Company's (I&M's) response to GL 2003-01 for Donald C. Cook Nuclear Plant (CNP) was transmitted by Reference 2. In that response, I&M stated that in 1999-2000, it had performed an evaluation of offsite sources of toxic gas for potential hazards to control room habitability. I&M stated that the evaluation determined that 1) there were no chemicals stored in fixed locations near the site that, due to their quantity, properties, and location, would pose a threat to control room operators; 2) the risk from chemicals on the nearby interstate highway and railroads was sufficiently low to preclude further evaluation; and 3) that a barge accident involving hazardous material was not credible due to the absence of major shipping lanes or significant ports near the plant. Based on these determinations, it was not necessary to quantify potential chemical concentrations in the control room and, therefore, not necessary to assume a value for inleakage or normal makeup. I&M committed to update the evaluation of offsite sources of toxic gas prior to the end of 2004. This commitment was pursuant to the intent of Regulatory Guide 1.78 (Reference 4), which states: "Licensees are encouraged to conduct periodic surveys of stationary and mobile sources of hazardous chemicals in the vicinity of their plant sites to keep the site-specific inventories up to date." The commitment was not made in response to a known increase in sources of hazardous chemicals in the vicinity of the plant.

By Reference 3, I&M extended the due date for the commitment to December 31, 2005, and informed the NRC that there had been no new roads or rail lines established in the vicinity of the plant, and no new industries were known to have been established in the surrounding area.

I&M has contracted an independent engineering company to update the evaluation of offsite sources of toxic gas for CNP. However, this company has experienced difficulty obtaining information from nearby facilities and state and local governments regarding hazardous or toxic material. The additional administrative effort necessary to overcome these difficulties has resulted in delays in obtaining this information. Discussions with other licensees and Nuclear Heating, Ventilation, and Air Conditioning Utility Group personnel indicate that other nuclear power plants have experienced similar difficulties. As a result of the increased difficulty and level of administrative effort, it is necessary for I&M to extend the due date for the above identified commitment to March 31, 2006. The statements in Reference 3 that there have been no new roads or rail lines established in the vicinity of the plant and no new industries are known to have been established in the surrounding area remain valid.

The attachment to this letter provides the revised commitment in tabular form. Should you have any questions, please contact Mr. Michael K. Scarpello, Regulatory Affairs Supervisor, at (269) 466-2649.

Sincerely,



Joseph N. Jensen
Site Vice President

Attachment

JW/jen

- c: J. L. Caldwell, NRC Region III
K. D. Curry, AEP Ft. Wayne, w/o attachment
J. T. King, MPSC
MDEQ - WHMD/RPMWS
NRC Resident Inspector
P. S. Tam, NRC Washington, DC

ATTACHMENT TO AEP:NRC:5054-15

REGULATORY COMMITMENTS

The following table identifies those actions committed to by Indiana Michigan Power Company (I&M) in this document. Any other actions discussed in this submittal represent intended or planned actions by I&M. They are described to the Nuclear Regulatory Commission (NRC) for the NRC's information and are not regulatory commitments.

Commitment	Date
I&M will update the evaluation of offsite sources of toxic gas. If it is necessary to quantify the potential chemical concentrations in the control room, the update will include the assumption that the toxic gases enter the control room via the normal makeup flow.	March 31, 2006