ADAMS Accession No.: ML092780346

From:	Beltz, Terry
Sent:	Monday, October 05, 2009 12:55 PM
To:	'mkscarpello@aep.com'
Cc:	'jmpetro@aep.com'; 'pgschoepf@aep.com'; 'jrwaters@aep.com'; Lyon, Warren; Cunanan, Davida
Subject:	Donald C. Cook Nuclear Plant, Units 1 and 2 - Draft RAIs Associated with Responses to GL 2008-01 (TAC Nos. MD7817 and MD7818)

Dear Mr. Scarpello:

By letters dated October 14, 2008 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML082950467) and July 24, 2009 (ADAMS Accession No. ML092170084), Indiana Michigan Power Company (the licensee) provided responses to NRC Generic Letter (GL)
2008-01 for the Donald C. Cook Nuclear Plant, Units 1 and 2.

On the basis of the provided information, the Reactor Systems Branch (SRXB) staff has concluded that additional information is required for the staff to determine that the licensee has acceptably demonstrated "that the subject systems are in compliance with the current licensing and design bases and applicable regulatory requirements, and that suitable design, operational, and testing control measures are in place for maintaining this compliance" as stated in GL 2008-01.

The draft RAIs are listed below. The NRC staff would like to discuss the draft RAIs with you in a conference call.

The sole purpose of this e-mail and its attachment is to prepare you and others for the proposed conference call or meeting. This e-mail and its attachment do not convey a formal NRC staff position, and do not formally request additional information.

Please don't hesitate to contact me if you have any questions or concerns.

Sincerely,
Terry A. Beltz, Senior Project Manager
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
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DRAFT REQUESTS FOR ADDITIONAL INFORMATION

Guidance on Nuclear Regulatory Commission (NRC) staff expectations is provided by Reference 1 which is generally consistent with Nuclear Energy Institute (NEI) guidance provided to industry in Reference 2 as clarified in later NEI communications. The NRC staff recommends that the licensee consult Reference 1 when responding to the following RAIs:
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1. In Reference 4 the licensee states that “CNP (Donald C. Cook Nuclear Plant) procedures and operating practices provide reasonable assurance that the volume of gas in the pump suction piping for the various systems is limited such that pump gas ingestion is within the above PWROG (Pressurized Water Reactor Owners Group) program established interim criteria.”

Clarify the procedures and design features, and discuss how they are used to determine gas volume. Compare the PWROG interim criteria to Reference 6 and justify the differences.

2. In Reference 4 the licensee stated that “to ensure continued operability, piping segments connected to the safety injection (SI) and coolant charging pump (CCP) suction headers most susceptible to gas accumulation are examined via ultrasonic testing (UT) at six month intervals to identify any voids.”

Clarify the criteria used to locate the piping that is “most susceptible” to gas accumulation. Also, justify the use of a six month time interval to perform UT.

REFERENCES

1. Ruland, William H., “Preliminary Assessment of Responses to Generic Letter 2008-01, "Managing Gas Accumulation in emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems," and Future NRC Staff Review Plans,” NRC letter to James H. Riley, Nuclear Energy Institute, dated May 28, 2009 (ADAMS Accession No. ML091390637).

2. Riley, James H., “Generic Letter (GL) 2008-01, ‘Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems" Evaluation and 3 Month Response Template,” Letter to Administrative Points of Contact from Director, Engineering, Nuclear Generation Division, Nuclear Energy Institute, Enclosure 2, “Generic Letter 2008-01 Response Guidance,” dated March 20, 2008.

3. Case, Michael J., “NRC Generic Letter 2008-01: Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems,” Letter from Director, Division of Policy and Rulemaking, Office of Nuclear Regulation, NRC, dated January 11, 2008 (ADAMS Accession No. ML072910759).

4. Weber, Lawrence J., “Donald C. Cook Nuclear Plant, Units 1 and 2, Docket No. 50-315, 50-316, Nine-Month Response to NRC Generic Letter 2008-01,” Letter to Document Control Desk, NRC, from Site Vice President, Donald C. Cook Nuclear Plant, dated October 14, 2008 (ADAMS Accession No. ML082950467).

5. Hruby, Raymond A., “Donald C. Cook Nuclear Plant, Units 1 and 2, Docket No. 50-315, 50-316, Nine-Month Supplemental (Unit 2 Post Outage) Response to Generic Letter 2008-01,” Letter to Document Control Desk, NRC, from Vice President, Site Support Services, dated July 24, 2009 (ADAMS Accession No. ML092170084).

6. “Revision 2 to NRC Staff Criteria for Gas Movement in Suction Lines and Pump Response to Gas,” dated March 26, 2009 (ADAMS Accession No. ML090900136).

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Subject: Donald C. Cook Nuclear Plant, Units 1 and 2 - Draft RAIs Associated with Responses to GL 2008-01 (TAC Nos. MD7817 and MD7818)
Sent Date: 10/5/2009 11:00:22 AM
Received Date: 10/5/2009 12:55:00 PM
From: Beltz, Terry

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