Entergy

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**Pete Dietrich**
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JAFP-10-0008
January 18, 2010

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Subject: Response to Request For Additional Information Regarding Generic Letter 2008-01 for the James A. FitzPatrick Nuclear Power Plant
Entergy Nuclear Operations, Inc.
James A. FitzPatrick Nuclear Power Plant
Docket No. 50-333
License No. DPR-59

References:
1. Generic Letter 2008-01, "Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems", dated January 11, 2008.
2. Supplemental Response to NRC Generic Letter 2008-01, "Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems" (JAFP-09-0037), dated March 31, 2009.
3. NRC Request for Additional Information, dated November 9, 2009.

Dear Sir or Madam:

On March 31, 2009, James A. FitzPatrick Nuclear Power Plant (JAF) submitted a Supplemental Response to NRC Generic Letter 2008-01 (Reference 2). On November 09, 2009, JAF received two Request for Additional Information (RAI) questions (Reference 3). On December 03, 2009, JAF and the NRC Staff participated in a conference call to clarify these questions. JAF's response to these questions is contained in enclosure 1 to this letter.

There are no commitments made in this letter.

Should you have any questions, please contact Mr. Joseph Pechacek at (315) 349-6766.

I declare under penalty of perjury that the enclosed information is true and correct.

Executed on this 18 day of January, 2010.

Pete Dietrich
Site Vice President

PD:JP:mh

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Enclosure 1: RAI Questions and Responses

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# JAFP-10-0008

# Enclosure 1

# RAI QUESTIONS and RESPONSES

# (2 Pages)

# RAI Questions and Responses

**RAI QUESTION 1:**

In the enclosure to letter dated March 31, 2009 you refer to "LO-LAR-2008-00020, CA-15 & CA-20" multiple times throughout the document relative to potential corrective actions. Specifically, you state that, "procedural enhancements were identified and will be made." You also make statements such as, "Consideration of venting at installed system vent locations could be an enhancement to the surveillance test," and "Procedural guidance should be considered to be developed for filling/venting systems following maintenance activities."

What specific improvement actions were ultimately implemented or are planned to be implemented per "LO-LAR-2008-00020, CA-15 & CA-20?" Please provide a general summary addressing this question for the staff to understand what was completed and/or what will be completed.

**RESPONSE:**

The following changes have been made following evaluation performed under LO-LAR-2008-00020, corrective actions 15 and 20.

Operating procedures for the Residual Heat Removal (RHR) and the Core Spray (CS) systems (OP-13 and OP-14 respectively) were revised to include additional guidance for filling and venting following maintenance.

Surveillance tests for the RHR Loop A and B Monthly Operability Tests (ST-2AN and ST-2AO) and the Core Spray Loop A and B Monthly Operability Tests (ST-3AA and ST-3AB) were revised to require a condition report be written in the event that air is observed while venting. Venting is only performed in the event that the keep-full level switches are inoperable.

Surveillance tests for the RHR Loop A and B Quarterly Operability Tests (ST-2AL and ST-2AM) and the Core Spray Loop A and B Quarterly Operability Tests (ST-2PA and ST-2PB) were revised to require the venting of the keep-full level switches and to require a condition report be written in the event that air is observed while venting.

## RAI Questions and Responses

**RAI QUESTION 2:**

Discuss the surveillance intervals for the monitored locations, including justifications for surveillance intervals greater than a month.

**RESPONSE:**

On a monthly basis, the "A" and "B" Residual Heat Removal (RHR) loops are surveilled to assess whether the pipes are adequately full. (ST-2AN and ST-2AO, RHR Loop A and B Monthly Operability Tests).

On a monthly basis, the "A" and "B" Core Spray (CS) loops are surveilled to assess whether the pipes are adequately full. (ST-3AA and ST-3AB, Core Spray Loop A and B Monthly Operability Tests).

On a monthly basis, the High Pressure Coolant Injection (HPCI) is surveilled to assess whether the pipes are adequately full. (ST-4B, HPCI Monthly Operability Test).