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**Lawrence M. Coyle**  
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JAFP-13-0113  
August 28, 2013

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

**Subject:** First Six-Month Status Report in Response to March 12, 2012 Commission Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation (Order Number EA-12-051)  
  
James A. FitzPatrick Nuclear Power Plant  
Docket No. 50-333  
License No. DPR-059

**Reference:**

1. NRC Order Number, EA-12-051, Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation, dated March, 12, 2012
2. NRC Interim Staff Guidance, JLD-ISG-2012-03, Compliance with Order EA-12-051, Reliable Spent Fuel Pool Instrumentation, date August 29, 2012
3. NEI 12-02, Industry Guidance for Compliance with NRC Order EA-12-051, To Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation, dated August 24, 2012
4. Entergy to NRC, JAFP-12-0125, Initial Status Report in Response to March 12, 2012 Commission Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation (Order Number EA-12-051), dated October 29, 2012
5. Entergy to NRC, JAFP-13-0023, James A. FitzPatrick Overall Integrated Plan in Response to March 12, 2012 Commission Order Modifying License with Regard to Reliable Spent Fuel Pool Instrumentation (Order Number EA-12-051), dated February 28, 2013

Dear Sir or Madam:

On March 12, 2012, the Nuclear Regulatory Commission (“NRC” or “Commission”) issued an order [Reference 1] to Entergy. Reference 1 was immediately effective and directs Entergy to install reliable spent fuel pool level instrumentation. Specific requirements are outlined in Attachment 2 of Reference 1.

Reference 1 required submission of an initial status report 60 days following issuance of the final interim staff guidance (Reference 2) and an overall integrated plan pursuant to Section IV, Condition C.2. Reference 2 endorses industry guidance document NEI 12-02, Revision 1

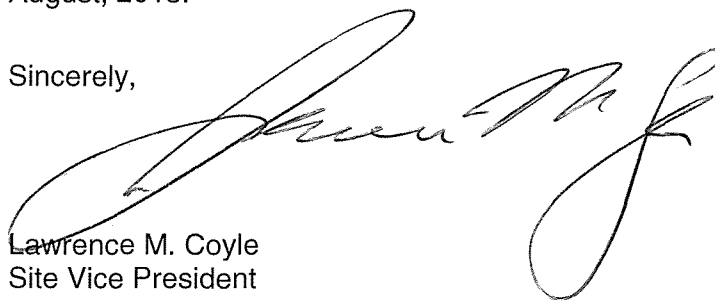
[Reference 3] with clarifications and exceptions identified in Reference 2. Reference 4 provided the Entergy initial status report regarding spent fuel pool instrumentation. Reference 5 provided the Entergy overall integrated plan.

Reference 1 requires submission of a status report at six-month intervals following submittal of the overall integrated plan. Reference 3 provides direction regarding the content of the status reports. The purpose of this letter is to provide the first six-month status report pursuant to Section IV, Condition C.2, of Reference 1, that delineates progress made in implementing the requirements of Reference 1. The attached report provides an update of milestone accomplishments since the last status report, including any changes to the compliance method, schedule, or need for relief and the basis, if any.

This letter contains no new regulatory commitments. If you have any questions regarding this report, please contact Chris M. Adner, Licensing Manager, at 315-349-6766.

I declare under penalty of perjury that the foregoing is true and correct. Executed on 28<sup>th</sup> day of August, 2013.

Sincerely,



Lawrence M. Coyle  
Site Vice President

LMC/CMA/mh

Attachment: James A. FitzPatrick Nuclear Power Plant's (JAF's) First Six Month Status Report for the Implementation of Order EA-12-051, Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation

cc: Director, Office of Nuclear Reactor Regulation  
NRC Regional Administrator  
NRC Resident Inspector  
Ms. Jessica A. Kratchman, NRR/JLD/PMB, NRC  
Mr. Mohan Thadani, Senior Project Manager  
Ms. Bridget Frymire, NYSPSC  
Mr. Francis J. Murray Jr., President NYSERDA

**JAFP-13-0113**

**Attachment**

**James A. FitzPatrick Nuclear Power Plant's (JAF's) First Six Month Status Report for the Implementation of Order EA-12-051, Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation**

**(2 Pages)**

**James A. FitzPatrick Nuclear Power Plant's (JAF's) First Six Month Status Report for the Implementation of Order EA-12-051, Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation**

**1. Introduction**

James A. FitzPatrick Nuclear Power Plant (JAF) developed an Overall Integrated Plan (Reference 1 in Section 8), documenting the requirements to install reliable spent fuel pool level instrumentation (SFPI), in response to Reference 2. This attachment provides an update of milestone accomplishments since submittal of the Overall Integrated Plan, including any changes to the compliance method, schedule, or need for relief/relaxation and the basis, if any.

**2. Milestone Accomplishments**

None.

**3. Milestone Schedule Status**

The following provides an update to milestone schedule to support the Overall Integrated Plan. This section provides the activity status of each item, and the expected completion date noting any change. The dates are planning dates subject to change as design and implementation details are developed.

<b>Milestone</b>	<b>Target Completion Date</b>	<b>Activity Status</b>	<b>Revised Target Completion Date</b>
Submit 60 Day Status Report	October 2012	Complete	
Submit Overall Integrated Plan	February 2013	Complete	
<b>Submit 6 Month Updates:</b>			
Update 1	August 2013	Complete	
Update 2	February 2014	Not Started	
Update 3	August 2014	Not Started	
Update 4	February 2015	Not Started	
Update 5	August 2015	Not Started	
Update 6	February 2016	Not Started	
Update 7	August 2016	Not Started	
<b>Modifications:</b>			
Modifications Evaluation	2015	Not Started	
Design Engineering	2015	Not Started	
Implementation Outage	2016	Not Started	

**James A. FitzPatrick Nuclear Power Plant's (JAF's) First Six Month Status Report for the Implementation of Order EA-12-051, Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation**

<b>Milestone</b>	<b>Target Completion Date</b>	<b>Activity Status</b>	<b>Revised Target Completion Date</b>
<b>Procedures:</b>			
Create Procedures	2016	Not Started	
<b>Training:</b>			
Develop Training Plan	2016	Not Started	
Training Complete	2016	Not Started	
SFP LI Implementation	2016	Not Started	
Full Site SFPI Implementation	Fall of 2016	Not Started	
Submit Completion Report	2016	Not Started	

**4. Changes to Compliance Method**

There are no changes to the compliance method as documented in the Overall Integrated Plan [Reference 1].

**5. Need for Relief/Relaxation and Basis for the Relief/Relaxation**

JAF expects to comply with the order implementation date and no relief/relaxation is required at this time.

**6. Open Items from Overall Integrated Plan and Draft Safety Evaluation**

None.

**7. Potential Draft Safety Evaluation Impacts**

The NRC has not yet issued a draft safety evaluation for JAF; therefore, there are no potential impacts to the draft safety evaluation at this time.

**8. References**

The following references support the updates to the Overall Integrated Plan described in this attachment.

1. James A. FitzPatrick Overall Integrated Plan in Response to March 12, 2012 Commission Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation (Order Number EA-12-051), JAFP-13-0023, dated February 28, 2013.
2. NRC Order Number EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation," dated March 12, 2012.