



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION IV  
1600 E. LAMAR BLVD  
ARLINGTON, TX 76011-4511

April 29, 2015

Mr. Jeremy Browning, Site Vice President  
Arkansas Nuclear One  
Entergy Operations, Inc.  
1448 SR 333  
Russellville, AR 72802-0967

**SUBJECT: RESPONSE TO NOTIFICATION OF READINESS FOR SUPPLEMENTAL  
INSPECTION**

Dear Mr. Browning:

The purpose of this letter is to inform you of the Nuclear Regulatory Commission's (NRC) current plans for conducting the applicable supplemental inspections required by the NRC's Reactor Oversight Process (ROP) and to respond to your previous inspection readiness letter.

By letter dated July 29, 2014 (ADAMS ML14211A053), the NRC notified Entergy Operations, Inc., that Arkansas Nuclear One, Units 1 and 2, had been placed in the Degraded Cornerstone Column of the ROP Action Matrix due to a Yellow finding in the Initiating Events Cornerstone associated with control of heavy loads. In that letter, the NRC notified you of our intent to conduct a supplemental inspection in accordance with Inspection Procedure (IP) 95002, "Supplemental Inspection for One Degraded Cornerstone or Any Three White Inputs in a Strategic Performance Area," after you provide written notification of your readiness for the inspection. By letter dated October 30, 2014 (ADAMS ML14303A114), you informed the NRC of Entergy's intent to be ready for the performance of the supplemental inspection in December 2014.

On January 22, 2015 (ADAMS ML15023A076), the NRC notified Entergy Operations, Inc., that an additional Yellow finding in the Mitigating Systems Cornerstone associated with degraded flood protection was finalized for Arkansas Nuclear One, Units 1 and 2. This issue will also be inspected using IP 95002.

By letter dated March 4, 2015 (ADAMS ML15063A499), the NRC notified you that Units 1 and 2 at Arkansas Nuclear One had been placed in the Multiple/Repetitive Degraded Cornerstone (Column 4) of the NRC Action Matrix. In that letter, the NRC notified you of our intent to conduct a supplemental inspection in accordance with IP 95003, "Supplemental Inspection for Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple Yellow Inputs or One Red Input," once we receive written notification of your readiness for the inspection.

The NRC has determined that there are sufficient commonalities between the two Yellow findings to warrant conducting a review your actions to address them at the same time. As a result, the NRC intends to inspect your actions to address these issues in conjunction with our review of your performance evaluation and improvement efforts associated with entering Column 4 of the NRC Action Matrix using IP 95003. We will be in contact with you and your staff regarding your readiness for these inspections as we develop our supplemental inspection plans.

We understand that you will be revising your performance indicator data for unplanned scrams for Unit 2, based on the results of the Frequently Asked Questions review, to indicate one additional scram that will cause the performance indicator to be White for the second and third quarters of 2014. The NRC will plan an inspection in accordance with IP 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area," when you notify us of your readiness.

This letter is also to inform you that we intend to reschedule the upcoming component design basis inspection until 2016 to avoid impacting the upcoming supplemental inspections. As a result, NRC Inspection Report 05000313/2015007 has been cancelled. No inspection report will be issued under this number.

Please contact me at 817-200-1574 with any questions concerning the details of these inspections.

Sincerely,

***/RA by N. Taylor Acting For/***

Neil F. O'Keefe, Chief  
Project Branch E  
Division of Reactor Projects

Docket Nos: 50-313, 50-368  
License Nos: DRP-51, NPF-6

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Distribution:  
See next page

ADAMS ACCESSION NUMBER: **ML15103A680**

<input checked="" type="checkbox"/> SUNSI Review By: <b>CHY</b>		ADAMS <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		Keyword:	
OFFICE	SPE:DRP/E	C:DRP/E							
NAME	CHYoung	CFO'Keefe							
SIGNATURE	<b>/RA/</b>	<b>/RA/</b>							
DATE	04/22/15	04/24/15							

**OFFICIAL RECORD COPY**

Letter to Jeremy Browning from Neil O'Keefe, dated April 29, 2015

SUBJECT: RESPONSE TO NOTIFICATION OF READINESS FOR NRC INSPECTION  
PROCEDURE 95002

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