



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

September 4, 2012

Mr. William R. Gideon
Vice President
Progress Energy
H. B. Robinson Steam Electric Plant, Unit 2
3581 West Entrance Rd
Hartsville, SC 29550

**SUBJECT: MID CYCLE ASSESSMENT LETTER FOR H. B. ROBINSON STEAM
ELECTRIC PLANT, UNIT 2 (NRC INSPECTION REPORT 05000261/2012006)**

Dear Mr. Gideon:

On August 15, 2012, the NRC staff completed its mid-cycle performance review of the H. B. Robinson Steam Electric Plant, Unit 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2011, through June 30, 2012. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined the performance at Robinson Unit 2 during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

In its assessment letter dated March 4, 2011, (ML110630055), the NRC opened a Substantive Cross-Cutting Issue (SCCI) with the aspect of complete, accurate and up-to-date design documentation, procedures, and work packages, and correct labeling of components, H.2(c). To address the SCCI, your staff performed a root cause evaluation and prepared a comprehensive procedure upgrade project. We have completed an evaluation of your root cause and planned corrective actions and determined them to be adequate. In our 2011 end of cycle assessment letter (ML 120650415) the NRC determined that the SCCI would remain open because the implementation of the two-column format emergency operating procedures was not scheduled until May 2012. Also, it stated an inspection of the content and quality of those procedures must be performed prior to closure of the SCCI. The quality of these procedure changes would establish the foundation for our confidence that the planned corrective actions will be sufficient to warrant closing the SCCI. Our inspection of the content and quality of the emergency operating procedures has been completed and we have determined them to be adequate. Based on our inspection results, this SCCI is closed.

ML12248A164

The enclosed inspection plan lists the inspections scheduled through December 31, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to the baseline inspections, consistent with the Agency's actions related to Fukushima, the NRC will perform TI-187, "Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns" and TI-188 "Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns." The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end of cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

We also plan on conducting several infrequently performed inspections which include: initial operator licensing examinations, TI 2515/177, "Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray System," and licensed operator initial examination. In addition, the sample numbers of the baseline IP 71111.11 quarterly simulator observations will be increased for the next three quarters. This action is being taken using the guidance in IMC 2515 appendix A as a risk informed sample selection deviation in response to a recent problem identification and resolution sample observation of operator and instructor performance in the simulator. The purpose of the sample selection increase is to ensure an adequate number of observations across operating crews are available to evaluate the operator and evaluator performance in the simulator.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 404-997-4603 with any questions you may have regarding this letter.

Sincerely,

/RA/

Randall A. Musser, Chief
Division of Reactor Projects

Docket No.: 50-261, Docket No. 72-3
License No.: DPR-23, License No. SNM-2502

Enclosure: Robinson Inspection/Activity Plan (09/01/2012 – 12/31/2013)

cc w/Encl: (See page 3)

R. Gideon

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cc w/encl:

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(cc w/Encl continued next page)

R. Gideon

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(cc w/Encl continued)

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Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
2	09/11/2012 09/13/2012	ROB TFPI - TRIENNIAL FIRE PROTECTION INSPECTION		5
		IP 7111105T	Fire Protection [Triennial]	
2	10/01/2012 10/05/2012	IP 7111105T	Fire Protection [Triennial]	
2	10/15/2012 10/19/2012	IP 7111105T	Fire Protection [Triennial]	
2	10/15/2012 10/19/2012	BASELINE - SIMULATOR OBSERVATION		2
		IP 7111111B	Licensed Operator Qualification Program	
		TI-177 - TI-177		3
2	11/26/2012 11/30/2012	IP 2515/177	Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System	2
2	02/11/2013 02/15/2013	OL RQ - REQUAL INSPECTION		2
		IP 7111111B	Licensed Operator Qualification Program	
2	03/18/2013 03/22/2013	CDBI - COMPONENT DESIGN BASES INSPECTION		8
		IP 7111121	Component Design Bases Inspection	
2	04/08/2013 04/12/2013	IP 7111121	Component Design Bases Inspection	
2	04/22/2013 04/26/2013	IP 7111121	Component Design Bases Inspection	
2	05/06/2013 05/10/2013	IP 7111121	Component Design Bases Inspection	
2	04/29/2013 05/03/2013	PSB1-RP - RP PUBLIC RAD SAFETY BASELINE		2
		IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
2	04/29/2013 05/03/2013	IP 71124.07	Radiological Environmental Monitoring Program	
2	04/29/2013 05/03/2013	IP 71151	Performance Indicator Verification	
2	05/20/2013 05/24/2013	EP - EMERGENCY PREPAREDNESS EXERCISE		1
		IP 7111401	Exercise Evaluation	
2	05/20/2013 05/24/2013	IP 71151	Performance Indicator Verification	
2	07/08/2013 07/12/2013	OL EXAM - INITIAL EXAM PREP		3
		V23392	ROBINSON/FEBRUARY 2013 INITIAL EXAM AT POWER FACILITIES	
2	07/29/2013 08/02/2013	OL EXAM - INITIAL EXAM WEEK		3
		V23392	ROBINSON/FEBRUARY 2013 INITIAL EXAM AT POWER FACILITIES	
2	09/23/2013 09/27/2013	ISI - UNIT 2 INSERVICE INSPECTION		1
		IP 7111108P	Inservice Inspection Activities - PWR	
2	09/30/2013 10/04/2013	SGISI - UNIT 2 SG INSERVICE INSPECTION		1
		IP 7111108P	Inservice Inspection Activities - PWR	
2	10/07/2013 10/11/2013	PSB1-RP - RAD HAZARDS AND TRANSPORTATION		2
		IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	10/07/2013 10/11/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
2	10/07/2013 10/11/2013	PSB1-RP - RAD HAZARDS AND TRANSPORTATION IP 71151	Performance Indicator Verification	2

Comments: