



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

December 5, 2011

Mr. Robert J. Duncan II, Vice President  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant  
Unit No. 2  
3581 West Entrance Road  
Hartsville, South Carolina 29550

SUBJECT: H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT 2 – REQUEST FOR  
ADDITIONAL INFORMATION REGARDING 60-DAY RESPONSE TO BULLETIN  
2011-01, “MITIGATING STRATEGIES” (TAC NO. ME6476)

Dear Mr. Duncan:

On May 11, 2011, the U.S. Nuclear Regulatory Commission (NRC) issued Bulletin 2011-01, “Mitigating Strategies” (Agencywide Documents Access and Management System (ADAMS) Accession No. ML111250360), to all holders of operating licenses for nuclear power reactors, except those that have permanently ceased operation and have certified that fuel has been removed from the reactor vessel. The purpose of the bulletin was to obtain a comprehensive verification that licensees’ mitigating strategies to maintain or restore core cooling, spent fuel cooling, and containment following a large explosion or fire were compliant with Title 10 of the *Code of Federal Regulations* (10 CFR) 50.54(hh)(2). The bulletin requested information on licensee 10 CFR 50.54(hh)(2) mitigating strategies in light of the recent events at Japan’s Fukushima Dai-ichi facility to determine if: (1) additional assessment of program implementation is needed, (2) the current inspection program should be enhanced, or (3) further regulatory action is warranted.

The bulletin required two sets of responses pursuant to the provisions of 10 CFR 50.54(f). The first responses were due 30 days after issuance of the bulletin (June 10, 2011). By letter dated June 10, 2011 (ADAMS Accession No. ML11165A094), Progress Energy provided a response to the first set of questions for H. B. Robinson Steam Electric Plant. The second responses were due 60 days after issuance of the bulletin (July 11, 2011). By letter dated July 11, 2011 (ADAMS Accession No. ML11195A210), Progress Energy responded to this second set of questions.

The NRC staff has reviewed the submitted information and determined that additional information is needed regarding the 60-day response to the bulletin. As discussed with Mr. Richard Rogalski on November 29, 2011, it was agreed that a response would be provided within 45 days of the issuance of this letter.

R. Duncan

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Should you have any questions regarding this letter, please feel free to contact me at (301) 415-2020.

Sincerely,

***/RA by EBrown for/***

Brenda Mozafari, Senior Project Manager  
Plant Licensing Branch II-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-261

cc: Distribution via Listserv

Enclosure: Request for Additional Information

REQUEST FOR ADDITIONAL INFORMATION

NRC BULLETIN 2011-01, "MITIGATING STRATEGIES"

H.B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

PROGRESS ENERGY

DOCKET NO. 50-261

1. The bulletin requested that each licensee describe in detail the controls for ensuring equipment needed to execute the mitigating strategies will be available when needed. A vehicle is typically needed to implement the strategies since the portable pump and other equipment is stored away from target areas. Describe in detail how H.B. Robinson Steam Electric Plant (Robinson) ensures that a vehicle is available to move the B.5.b portable pump and other B.5.b equipment to the appropriate place when needed.
2. The bulletin requested that each licensee describe in detail the controls for ensuring equipment supporting the mitigating strategies will be available when needed. The NRC safety evaluation documenting the review of your response to Section B.5.b of the Interim Compensatory Measures Order (EA-02-026) states that portable nitrogen gas bottles and regulators are used to manually depressurize the steam generators. Describe how Robinson ensures the availability of portable nitrogen gas bottles and regulators used to manually depressurize the steam generators.

Enclosure

R. Duncan

- 2 -

Should you have any questions regarding this letter, please feel free to contact me at (301) 415-2020.

Sincerely,

***/RA by EBrown for/***

Brenda Mozafari, Senior Project Manager  
Plant Licensing Branch II-2  
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NRR-106

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