



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

November 17, 2011

Mr. Michael J. Annacone, Vice President
Brunswick Steam Electric Plant
Carolina Power & Light Company
Post Office Box 10429
Southport, North Carolina 28461

SUBJECT: BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2 – REQUEST FOR
ADDITIONAL INFORMATION REGARDING 60-DAY RESPONSE TO BULLETIN
2011-01, “MITIGATING STRATEGIES” (TAC NOS. ME6407 AND ME6408)

Dear Mr. Annacone:

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), Section 50.54(hh)(2). The bulletin requested information on licensees’ 10 CFR 50.54(hh)(2) mitigating strategies in light of the recent events at Japan’s Fukushima Daiichi 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 8, 2011 (ADAMS Accession No. ML11166A069), you provided a response to the first set of questions for Brunswick Steam Electric Plant, Units 1 and 2. The second responses were due 60 days after issuance of the bulletin (July 11, 2011). By letter dated July 7, 2011 (ADAMS Accession No. ML11200A121), you responded to this second set of questions.

BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2
REQUEST FOR ADDITIONAL INFORMATION REGARDING
NRC BULLETIN 2011-01, "MITIGATING STRATEGIES"
TAC NOS. ME6407 AND ME6408

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The NRC staff has reviewed the submitted information and determined that it needs additional information regarding your 60-day response to the bulletin.

1. Describe in detail how you ensure there is sufficient fuel for the pumping source when needed.

The bulletin requested that each licensee describe in detail the maintenance of equipment supporting the mitigating strategies to ensure that it will be functional when needed. The NRC staff could not determine if you performed activities to ensure that sufficient fuel would be available for the pumping source so that it will be functional when needed.

2. Clarify what you mean by bimonthly.

Your response states that you perform functional testing of the B.5.b emergency diesel make-up pump, engine, and trailer on a bimonthly basis. It is not clear if this means that testing is performed twice a month or every 2 months.

Enclosure

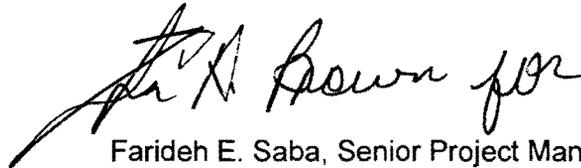
M. Annacone

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The NRC staff has reviewed the submitted information and determined that it needs additional information regarding your 60-day response to the bulletin. Please respond to the enclosed request for additional information within 30 days of the date of this letter.

If you have any questions regarding this letter, please feel free to contact me at (301) 415-1447.

Sincerely,

A handwritten signature in black ink, appearing to read "Farideh E. Saba for". The signature is fluid and cursive, with a long horizontal stroke extending to the left.

Farideh E. Saba, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-325 and 50-324

Enclosure:
Request for Additional Information

cc w/encl: Distribution via ListServ

M. Annacone

- 2 -

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If you have any questions regarding this letter, please feel free to contact me at (301) 415-1447.

Sincerely,

/RA by EBrown for/

Farideh E. Saba, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-325 and 50-324

Enclosure:
Request for Additional Information

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