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SUBJECT: Documents B&W Owners Group 890224 ltr to CE Rossi re response to portion of Item 1.b of NRC Bulletin 88-011.

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DUKE POWER

March 9, 1989

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Subject: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287
Pressurizer Surge Line Thermal Stratification
NRC Bulletin 88-11, Dated December 20, 1988

Reference: Letter from D. F. Spond (B&WOG) to Charles E. Rossi,
NRC Bulletin 88-11, "Pressurizer Surge Line Thermal
Stratification", Dated February 24, 1989

Gentlemen:

My letter of February 6, 1989 transmitted to the NRC the results of our visual inspection of the Oconee Unit 1 surge line as requested by Item 1.a of the NRC Bulletin 88-11. The inspection did not identify any gross discernible distress or structural damage in the entire pressurizer surge line. A similar inspection of the Units 2 and 3 surge lines will be performed during their upcoming refueling outages currently scheduled in May 1989 and December 1989, respectively. As required by the bulletin, any discernible stress or damage observed along with corrective actions taken will be reported to the NRC prior to the restart of the respective unit.

Action Item 1.b of NRC Bulletin 88-11 required that plants in operation over 10 years demonstrate that the pressurizer surge line meets the applicable design codes and other FSAR and regulatory commitments for the licensed life of the plant, considering the phenomenon of thermal stratification and thermal striping in the fatigue and stress evaluations. The bulletin requested that actions to address Item 1.b be completed within four months of receipt of the bulletin with written confirmation of these actions within the next 30 days. The bulletin requested those licensees whose investigations and analyses would take more than four months to advise the Staff of their alternate schedule with a justification for the extension. The purpose of this letter is to document by reference (Reference 1) a Babcock & Wilcox (B&W) Owners Group letter submitted on behalf of its members on February 24, 1989 advising the Staff of an alternate schedule along with justification for a delayed response to a portion of Item 1.b of the bulletin concerning the effects of thermal striping.

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PDR ADDCK 05000269
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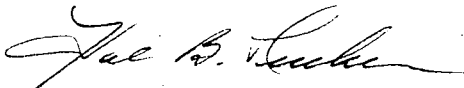
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Document Control Desk
March 9, 1989
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As a member utility, we participate in the B&W Owners Group program as described in the referenced letter to collectively and in a concerted effort address the requirements of Bulletin 88-11. As such, our plant specific schedules to address the requirements of Item 1.b are driven by the B&W Owners Group activities. Based on the B&W Owners Group activities and schedules, I intend to submit by May 31, 1989, as required by the bulletin, the results of a bounding fatigue analysis for Oconee Nuclear Station which will include the effects of thermal stratification phenomenon and, if needed, a justification for continued operation. However, as explained in Reference 1, the investigation of potential impact of thermal striping upon surge line integrity will extend beyond the requested bulletin response date for Item 1.b. The results of the bounding fatigue analysis considering the impact of thermal striping are expected to become available by October 31, 1989 at which time I will submit thermal striping evaluation for Oconee Nuclear Station.

I declare under penalty of perjury that the statements set forth herein are true and correct to the best of my knowledge.

Very truly yours,



Hal B. Tucker

MAH/39/td

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