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SUBJECT: Requests review & approval by 870526 of BAW-1915P re bounding analytical assessment of NUREG-0630 models on LOCA kW/ft limits w/use of FLECSSET for utilization in design of Unit 1 Cycle 11 core.

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HAL B. TUCKER  
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NUCLEAR PRODUCTION

January 20, 1987

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

Subject: Oconee Nuclear Station  
Docket Nos. 50-269, -270, -287  
BAW-1915P

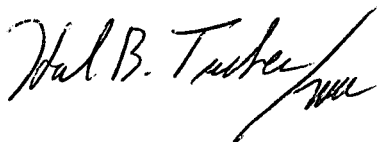
Gentlemen:

By letter dated December 12, 1986, Duke Power Company (Duke) provided a proposed change to Oconee Nuclear Station Technical Specification Figure 3.5.2-10, Unit 1 Operational Power Imbalance Envelope. This change will allow a 50.59 review of the Oconee Unit 1, Cycle 11 reload as no Technical Specification changes will be required.

In addition, design of the Unit 1, Cycle 11 Core will utilize B&W Owners Group Topical Report BAW-1915P, Bounding Analytical Assessment of NUREG-0630 Models on LOCA kW/ft Limits with use of FLECSET which was originally submitted for NRC approval in September 1983, and resubmitted in May 1986. BAW-1915P provides a generic bounding assessment of the impact of NUREG-0630 models on LOCA linear heat rate limits at all core elevations using the approved ECCS Evaluation Model. The predicted reduction in LOCA linear heat rate limits are partially compensated for by use of a FLECHT-SEASET heat transfer data correlation during reflooding.

Please review and approve BAW-1915P by May 26, 1987 such that FLECSET may be utilized in the design of the Oconee 1, Cycle 11 core.

Very truly yours,



Hal B. Tucker

PJN/110/jgm

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*1/0* Add: Rich Emek

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January 20, 1987  
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