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Vogtle Project

July 25, 1985

Director of Nuclear Reactor Regulation
Attention: Ms. Elinor G. Adensam, Chief
Licensing Branch #4
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

File: X7BC35
Log: GN-666

REF.: ADENSAM TO FOSTER, DATED 5/30/85

NRC DOCKET NUMBERS 50-424 AND 50-425
CONSTRUCTION PERMIT NUMBERS CPPR-108 AND CPPR-1209
VOGTLE ELECTRIC GENERATING PLANT - UNITS 1 AND 2
SER CONFIRMATORY ITEM 41: NUREG-0737, II.K.3.31

Dear Mr. Denton:

In the referenced letter confirmation was requested that GPC was 1) a member of the Westinghouse Owners' Group (WOG) and that NOTRUMP was to be used in the small break LOCA analysis for Vogtle Units 1 and 2, thus completing TMI Action Item II.K.3.30, and 2) a plant-specific analysis would be provided within one year upon receipt of the referenced letter to satisfy the requirements of TMI Action Item II.K.3.31. Both of the above are correct. As stated in the NRC safety evaluation of II.K.3.30 for Westinghouse plants and the Plant Vogtle SER, compliance with Action Item II.K.3.31 may be submitted on a generic basis. A status of the generic WOG efforts is discussed below.

The WOG, as part of its II.K.3.30/31 programs, has established the following schedule, based on the recently issued SER for NOTRUMP:

Receipt of NOTRUMP SER (II.K.3.30, Phase I Complete) - May 21, 1985
Commencement of Generic Studies Program (II.K.3.31) - June 3, 1985
Submittal of WOG Generic Studies WCAP Report - May 21, 1986

Objectives of the Generic Studies portion (or phase III) of the program are to:

1. Satisfy NUREG-0737 II.K.3.31 requirements by demonstrating previous evaluation model results are conservative when compared to NOTRUMP small break evaluation model results.
2. Demonstrate conservatism on a generic basis, as allowed by NRC Generic Letter No. 83-35.

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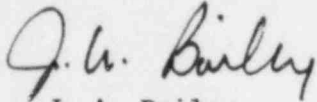
3. Benchmark NOTRUMP small break evaluation model peak clad temperatures are bounded by WFLASH peak clad temperatures.
4. Demonstrate that NOTRUMP small break evaluation model peak clad temperatures are bounded by WFLASH peak clad temperatures.

The Generic Studies will include a review of 2-loop, 3-loop, and 4-loop plant characteristics and bounding plant characteristics determined. The NOTRUMP/LOCA analyses will be performed and will consist of a full break spectrum on one plant type; and reduced cold leg break spectrum for other plant types. Finally, a comparison of NOTRUMP and WFLASH results will be documented. The results will be submitted to the NRC in May 1986 by the WOG.

It is the intention of GPC to reference this submittal to close TMI Action Item II.K.3.31 and SER Confirmatory Item 41 for Plant Vogtle.

If your staff requires any additional information, please do not hesitate to contact me.

Sincerely,



J. A. Bailey
Project Licensing Manager

JAB/caa

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