

Georgia Power Company
40 Inverness Center Parkway
Post Office Box 1295
Birmingham, Alabama 35201
Telephone 205 877-7122

C. K. McCoy
Vice President, Nuclear
Vogtle Project



March 6, 1991

ELV-02597
0868

Docket Nos. 50-424
50-425

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

Gentlemen:

VOGTLE ELECTRIC GENERATING PLANT
REVISED THERMAL DESIGN PROCEDURE INSTRUMENT
UNCERTAINTY METHODOLOGY

The analyses that support the Technical Specifications changes proposed by Georgia Power Company (GPC) in letter ELV-02166 dated November 29, 1990, utilized the Westinghouse Revised Thermal Design Procedure (RTDP). At a meeting with the NRC staff on February 13, 1991, GPC was requested to provide additional information concerning the application of the RTDP to the Vogtle Electric Generating Plant (VEGP) analyses.

The requested information is contained in the following documents which are enclosed with this letter:

1. 10 copies of WCAP-12460, "WESTINGHOUSE REVISED THERMAL DESIGN PROCEDURE INSTRUMENT UNCERTAINTY METHODOLOGY FOR GEORGIA POWER VOGTLE 1 AND 2 NUCLEAR POWER STATION (FOR RTD BYPASS LOOPS)" (Proprietary).
2. 10 copies of WCAP-12461, "WESTINGHOUSE REVISED THERMAL DESIGN PROCEDURE INSTRUMENT UNCERTAINTY METHODOLOGY FOR GEORGIA POWER VOGTLE 1 AND 2 NUCLEAR POWER STATION (FOR RTD BYPASS LOOPS)" (Non-Proprietary).
3. 10 copies of WCAP-12462, "WESTINGHOUSE REVISED THERMAL DESIGN PROCEDURE INSTRUMENT UNCERTAINTY METHODOLOGY FOR GEORGIA POWER VOGTLE 1 AND 2 NUCLEAR POWER STATION (FOR RTD BYPASS LOOP ELIMINATION)" (Proprietary)
4. 10 copies of WCAP-12463, "WESTINGHOUSE REVISED THERMAL DESIGN PROCEDURE INSTRUMENT UNCERTAINTY METHODOLOGY FOR GEORGIA POWER VOGTLE 1 AND 2 NUCLEAR POWER STATION (FOR RTD BYPASS LOOP ELIMINATION)" (Non-Proprietary)

Also enclosed are Westinghouse authorization letters CAW-91-128 and CAW-91-129, accompanying affidavits, Proprietary Information Notices, and Copyright Notices.

9103140016 910306
PDR ADOCK 05000424
P PDR

WRS / Encl
1 / 10 Prep
10 NP

APD

U. S. Nuclear Regulatory Commission

ELV-02597

Page 2

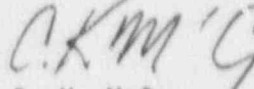
Since Items 1 and 3 contain information proprietary to Westinghouse Electric Corporation, they are supported by affidavits signed by Westinghouse, the owner of the information. The affidavits set forth the basis on which the information may be withheld from public disclosure by the Commission and address with specificity the considerations listed in paragraph (b)(4) of Section 2.790 of the Commission's regulations.

Accordingly, it is respectfully requested that the information which is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR Section 2.790 of the Commission's regulations.

Correspondence with respect to the copyright or proprietary aspects of the items listed above or the supporting Westinghouse affidavits should reference CAW-91-128 or CAW-91-129 and should be addressed to R. P. DiPiazza, Manager of Operating Plant Licensing Support, Westinghouse Electric Corporation, P. O. Box 355, Pittsburgh, Pennsylvania 15230-0355.

The RTDP application to VEGP's VANTAGE-5 safety analyses bounds instrumentation uncertainties associated with or without the use of resistance temperature detector bypass manifolds; therefore, GPC is transmitting the information for both cases. Please note that these analyses were completed without an uncertainty allowance for Venturi fouling on flow measurements. This additional uncertainty allowance will be addressed in a separate letter.

Sincerely,



C. K. McCoy

CKM/HWM/gmb

Enclosures

xc: Georgia Power Company

Mr. W. B. Shipman

Mr. P. D. Rushton

Mr. R. M. Odom

NORMS

U. S. Nuclear Regulatory Commission

Mr. S. D. Ebnetter, Regional Administrator

Mr. D. S. Hood, Licensing Project Manager, NRR

Mr. B. R. Bonser, Senior Resident Inspector, Vogtle