



July 13, 2006

WCAP-16406-P, Rev. 1
Project Number 694

OG-06-184

Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001

Subject: PWR Owners Group
Submittal of Westinghouse Proprietary References Supporting
WCAP-16406-P Revision 1, "Evaluation of Downstream Sump
Debris Effects in Support of GSI-191" (PA-SEE-0195)

Reference: (1) Response to Westinghouse Owners Group Letter No. WOG-05-287,
Regarding WCAP-16406-P, "Evaluation of Downstream Sump Debris
Effects in Support of GSI-191", Herbert N. Berkow (NRC) to Gordon
Bischoff (WOG), October 27, 2005.

This letter transmits four copies of the Westinghouse Proprietary reference documents
requested in reference (1) above in support of WCAP-16406-P, Revision 1.

References provided include:

1. CN-SEE-05-13, Revision 0, "Low Head Pump Flow Delivery Through a locked Rotor High Head Pump in Support of GSI-191", Proprietary Class 2
2. Westinghouse PWR Materials Evaluation Test. R.E. Joines, Revised December 1, 1977, P.O. 546-CAV-236991-BPE. SHOP ORDER V49-918, Proprietary Class 2.
3. ME-AE-9160, L.I. Walker (Trip Report) "Witness Thermal Transient Test on the SFP 8X20 SPF RHR Pump," January 31, 1978, Proprietary Class 2.

References identified as 1 through 3 above contain information proprietary to Westinghouse Electric Company LLC, and are supported by an affidavit signed by Westinghouse, the owner of the information. The affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission and addresses with specificity the considerations listed in paragraph (b) (4) of Section 2.390 of the Commission's regulations.

Accordingly, it is respectfully requested that this information which is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR Section 2.390 of the Commission's regulations.

D048

Domestic Members

- AmerenUE
 - Callaway
- American Electric Power Co.
 - D.C. Cook 1 & 2
- Arizona Public Service Co.
 - Palo Verde 1, 2 & 3
- Constellation Energy Group
 - Calvert Cliffs 1 & 2
 - R. E. Ginna
- Dominion Kewaunee
- Dominion Nuclear Connecticut
 - Millstone 2 & 3
- Dominion Virginia Power
 - North Anna 1 & 2
 - Surry 1 & 2
- Duke Energy
 - Catawba 1 & 2
 - McGuire 1 & 2
 - Oconee 1, 2, 3
- Energy Nuclear Northeast
 - Indian Point 2 & 3
- Energy Nuclear South
 - ANO 1
 - ANO 2
 - Waterford 3
- Exelon Generation Company LLC
 - Braidwood 1 & 2
 - Byron 1 & 2
 - Three Mile Island 1
- FirstEnergy Nuclear Operating Co.
 - Beaver Valley 1 & 2
 - Davis Besse
- FPL Group
 - St. Lucie 1 & 2
 - Seabrook
 - Turkey Point 3 & 4
- Nuclear Management Co.
 - Palisades
 - Point Beach 1 & 2
 - Prairie Island 1 & 2
- Omaha Public Power District
 - Fort Calhoun
- Pacific Gas & Electric Co.
 - Diablo Canyon 1 & 2
- Progress Energy
 - Crystal River 3
 - H. B. Robinson 2
 - Shearon Harris
- PSEG - Nuclear
 - Salem 1 & 2
- South Carolina Electric & Gas Co.
 - V. C. Summer
- Southern California Edison
 - SONGS 2 & 3
- STP Nuclear Operating Co.
 - South Texas Project 1 & 2
- Southern Nuclear Operating Co.
 - J. M. Farley 1 & 2
 - A. W. Vogtle 1 & 2
- Tennessee Valley Authority
 - Sequoyah 1 & 2
 - Watts Bar 1
- TXU Power
 - Comanche Peak 1 & 2
- Wolf Creek Nuclear Operating Corp.
 - Wolf Creek

International Members

- British Energy plc
 - Sizewell B
- Electrabel
 - Doel 1, 2, 4
 - Tihange 1 & 3
- Electricité de France
- Kansai Electric Power Co.
 - Mihama 1
 - Takahama 1
 - Ohi 1 & 2
- Korea Hydro & Nuclear Power Co.
 - Kori 1 - 4
 - Ulchin 3 - 6
 - Yonggwang 1 - 6
- NEK
 - Krško
- NOK
 - Kemkraftwerk Beznau
- Ringhals AB
 - Ringhals 2 - 4
- Spanish Utilities
 - Asco 1 & 2
 - Vandellós 2
 - Almaraz 1 & 2
- Taiwan Power Co.
 - Maanshan 1 & 2

Also enclosed are Westinghouse authorization letters AW-06-2164, 2165, and 2166, accompanying Proprietary Information Notices, and Copyright Notices.

Correspondence with respect to the copyright or proprietary aspects of the information listed above or the supporting Westinghouse affidavits should reference AW-06-2164, 2165, and 2166 and should be addressed to Mr. J. A. Gresham, Manager, Regulatory Compliance and Plant Licensing, Westinghouse Electric Company LLC, P.O. Box 355, Pittsburgh, Pennsylvania 15230-0355

Correspondence related to this transmittal and invoices associated with the review of WCAP-16406-P Revision 1 should be addressed to:

Mr. Gordon Bischoff
Manager, Owners Group Program Management Office
Westinghouse Electric Company
Mail Stop ECW 311
P. O. Box 355
Pittsburgh, Pennsylvania 15230-0355

If you have any questions, please do not hesitate to contact me at 630-657-3897 or Mr. Gordon Bischoff of the Owners Group Program Management Office at 860-731-6200.
If you require further information, please contact Mr. Reginald R. Dulaney in the Owners Group Program Management Office at 412-374-6549.

Regards,



for
Frederick P. "Ted" Schiffley, II, Chairman
PWR Owners Group

FPS:RRD:mjl

Enclosures

cc: PWROG Steering Committee
PWROG Management Committee
PWROG Licensing Subcommittee
PWROG Systems & Equipment Engineering Subcommittee
PWROG Project Management Office
G. Shukla, USNRC
T. S. Andreychek, Westinghouse
P. V. Pyle, Westinghouse
W. J. Rinkacs, Westinghouse
K. J. Vavrek, Westinghouse
L. I. Ezekoye, Westinghouse
R. Hundal, Westinghouse
C. Brinkman, Westinghouse ,