



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.

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- AmerenUE
  - Callaway
- American Electric Power Co.
  - D.C. Cook 1 & 2
- Arizona Public Service Co.
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- Dominion Kewaunee
- Dominion Nuclear Connecticut
  - Millstone 2 & 3
- Dominion Virginia Power
  - North Anna 1 & 2
  - Surry 1 & 2
- Duke Energy
  - Catawba 1 & 2
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- Energy Nuclear Northeast
  - Indian Point 2 & 3
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- Pacific Gas & Electric Co.
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  - Salem 1 & 2
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- 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
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- TXU Power
  - Comanche Peak 1 & 2
- Wolf Creek Nuclear Operating Corp.
  - Wolf Creek

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- Electricité de France
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  - Takahama 1
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- Korea Hydro & Nuclear Power Co.
  - Kori 1 - 4
  - Ulchin 3 - 6
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- NEK
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- 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 ,