



Westinghouse Electric Company  
Nuclear Power Plants  
1000 Westinghouse Drive  
Cranberry Township, Pennsylvania 16066  
USA

Document Control Desk  
U S Nuclear Regulatory Commission  
Two White Flint North  
11555 Rockville Pike  
Rockville, MD 20852-2738

Direct tel: 412-374-2035  
Direct fax: 724-940-8505  
e-mail: ziesinrf@westinghouse.com

Your ref: Docket Number 52-006  
Our ref: DCP\_NRC\_003157

April 4, 2011

**Subject: Westinghouse Response to NRC Comments on Proprietary Review of WESTEMS Audit Report**

Westinghouse previously completed the proprietary review of the WESTEMS Computer Code Review Summary Report that was drafted by the NRC and transmitted this to the NRC in Reference 1. In recent communications, the staff took exception to five (5) sentences that were classified as being proprietary in the original transmittal and requested further review of the proprietary determination in the Reference 1 letter. Westinghouse has reviewed the identified sentences and has concluded that they are non-proprietary.

Enclosure 1 to this transmittal includes the five sentences that have been identified to be non-proprietary. All other information marked as being proprietary in the original transmittal (Reference 1) remains Westinghouse proprietary information. In general, Westinghouse company procedures and content therein, which is referenced in the audit report, are considered proprietary.

Questions or requests for additional information related to the content in this letter should be directed to Westinghouse. Please send copies of such questions or requests to the prospective applicants for combined licenses referencing the AP1000 Design Certification.

Very truly yours,

A handwritten signature in black ink, appearing to read 'R. F. Ziesing'.

R. F. Ziesing  
Director, U.S. Licensing

References:

1. Westinghouse Letter No. DCP\_NRC\_003062, Proprietary Review of NRC WESTEMS Computer Code Review Summary, December 10, 2010.

DO63  
MRO

/Enclosure

1. Review of WESTEMS Computer Code Review Summary Report – Non-Proprietary Determinations

cc: P. Buckberg - U.S. NRC  
E. McKenna - U.S. NRC  
P. Clark - U.S. NRC  
E. Schmiech - Westinghouse  
M. Melton - Westinghouse

Enclosure 1

Review of WESTEMS Computer Code Review Summary Report – Non-Proprietary Determinations

The five (5) statements below were classified as proprietary information in the December 10, 2010 transmittal of Westinghouse letter no. DCP\_NRC\_003062 (Reference 1). At the request of the NRC, these statements have been further reviewed and Westinghouse has determined that they are non-proprietary. All other information marked as proprietary in Reference 1 remains proprietary.

Statement 1 – Page 14 (under heading OI-SRP3.9.1-EMB1-05) of Reference 1

...to use resultant moments from different load sets in calculating the moment range  $M_i$ ,...

Statement 2 – Page 14 (under heading OI-SRP3.9.1-EMB1-05) of Reference 1

The WESTEMS procedure still allows the use of algebraic summation in that it is controlled through a user option and is the methodology used if no action is taken by the user.

Statement 3 – Page 14 (under heading OI-SRP3.9.1-EMB1-07) of Reference 1

...the output contains false peaks which must be identified and removed by an analyst before the data is input into WESTEMS again to continue the analysis.

Statement 4 – Page 15 (under heading OI-SRP3.9.1-EMB1-07) of Reference 1

WESTEMS Code methodology has demonstrated that false/fake/redundant stress peaks are created when the program is run.

Statement 5 – Page 15 (under heading OI-SRP3.9.1-EMB1-07) of Reference 1

The procedure for WESTEMS allow the user to modify its output to eliminate unwanted results such as false/fake/redundant peaks.