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Subject: OSU QA Inspection Comments
Creation Date: 12/17/2003 5:19PM
From: Joelle Starefos

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OSU-AP1000IR.pdf	222001	12/17/03 05:15PM
Comments OI 17.3.2-1.wpd	3963	12/17/03 05:13PM
MESSAGE	1036	12/17/03 05:19PM

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From: Joelle Starefos
To: Vijukrp@westinghouse.com
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Ron,
Please see attached comments on open item 17.3.2-1. Also, please find attached, the OSU inspection report with the specific findings discussed in detail.
Joelle

Joelle L. Starefos
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CC: Colaccino, Joseph; Segala, John

OSU Inspection findings relative to Westinghouse AP1000 Open Item 17.3.2-1

During a September 2003 inspection of the Oregon State University (OSU) Advanced Thermal Hydraulics Research Laboratory (ATHRL), the staff identified that certain activities did not meet NRC requirements. The OSU ATHRL did not have a documented process or procedure to address "Notification of Failure to Comply or Existence of a Defect and its Evaluation," as described in 10 CFR Part 21.21, for facility scaling and testing activities performed at the OSU ATHRL. This issue is identified as Violation 99901351/2003-01-01. Also, during this inspection it was found that certain of your activities at the ATHRL APEX-1000 test facility were not conducted in accordance with NRC quality requirements. Specifically, the latest revision of the OSU ATHRL Quality Plan, Revision 3, dated August 4, 2003, failed to establish measures consistent with the requirements of 10 CFR 50, Appendix B, Criterion XVI for Corrective Action and Criterion XVII for Quality Assurance Records. Additionally, the OSU ATHRL could not produce objective evidence necessary to demonstrate compliance with the Quality Plan and procedures in the areas of drawing configuration control, control of measuring and test equipment, computer software control, and document control for certain APEX-1000 testing activities.

The OSU ATHRL Quality Plan has been reviewed and accepted by Westinghouse as meeting the requirements of 10 CFR Part 50, Appendix B for the AP1000 project activities. Based on the above findings, which are documented in NRC Inspection Report 99901351/2003-01, the NRC requests Westinghouse to demonstrate that AP1000 scaling and testing conducted at the APEX-1000 test facility is consistent with the quality assurance program described in Chapter 17 of the AP1000 Design Control Document and 10 CFR Part 50, Appendix B. The Westinghouse response should specifically address the issues identified in Notice of Violation 99901351/2003-01-01 and Notice of Nonconformance 99901351/2003-01-01. This information is necessary to resolve AP1000 Draft Safety Evaluation Report Open Item 17.3.2-1.

The Oregon State University (OSU) Inspection Report discussed in this email is available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. The accession number associated with this document is ML033350274.