November 29, 2006

MEMORANDUM TO: Allen L. Hiser, Branch Chief
SG Tube Integrity and Chemical Engineering Branch
Division of Component Integrity
Office of Nuclear Reactor Regulation

FROM: Anthony Hsia, Branch Chief **/RA/**
Mechanical and Structural Engineering Branch
Division of Fuel, Engineering and Radiological Research
Office of Nuclear Regulatory Research

SUBJECT: TECHNICAL LETTER REPORT,"SUPPLEMENTARY LEACHING TESTS OF INSULATION AND CONCRETE FOR GSI-191 CHEMICAL EFFECTS PROGRAM"

I am forwarding for your information a technical letter report (TLR), "Supplementary Leaching Tests of Insulation and Concrete for GSI-191 Chemical Effects Program", prepared by the Center for Nuclear Waste Regulatory Analyses (CNWRA). The TLR documents a study that was performed to conduct supplementary and confirmatory dissolution and precipitation experiments for insulation materials and concrete using an approach similar to the Westinghouse experiments reported in WCAP-16530-NP, Rev. 0., February 2006.

This report is one of several studies that RES established to provide the Office of Nuclear Reactor Regulation (NRR) with technical information to support resolution of Generic Safety Issue (GSI) 191, "Assessment of Debris Accumulation on PWR Sump Performance." A draft of this report was reviewed and commented by NRR staff Paul Klein of the Division of Component Integrity (DCI) in November, 2006. The RES staff has addressed all comments in the enclosed final report.

Enclosure:
As stated

Contact: B.P. Jain, RES/DFERR
301-415-6303

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