May 1, 2008

MEMORANDUM TO: Jennifer L. Uhle, Director
Division of Engineering
Office of Nuclear Regulatory Research

THRU: Robert O. Hardies, Chief ***/RA/***
Component Integrity Branch
Office of Nuclear Regulatory Research

FROM: Mark T. Kirk, Senior Materials Engineer ***/RA/ Robert Hardies for***
Component Integrity Branch
Office of Nuclear Regulatory Research

SUBJECT: POSTING OF OAK RIDGE NATIONAL LABORATORY (ORNL) TECHNICAL MEMORANDUM INTO ADAMS

I have enclosed memorandum ORNL/TM-2006/530, which is entitled "A Physically Based Correlation of Irradiation-Induced Transition Temperature Shifts for Reactor Pressure Vessel Steels." This report summarizes the efforts of our contractors at the Oak Ridge National Laboratory, the University of California at Santa Barbara, and Modeling and Computing Services in Boulder, Colorado. This document describes an embrittlement trend curve that a working group of staff from the Office of Nuclear Reactor Regulation, the Office of New Reactors, the Office of Nuclear Regulatory Research, has agreed is appropriate to include in the new voluntary alternative to the Pressurized Thermal Shock rule (i.e., 10 CFR Part 50.61(a)). This covering memorandum and the enclosed ORNL report should be placed into ADAMS in the public domain so that the information contained in the report is available to the public.

Enclosure:
As stated

CONTACT: Mark Kirk, RES/DE
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