

January 29, 2010

MEMORANDUM TO: Aladar A. Csontos, Chief
Component Integrity Branch
Division of Engineering
Office of Nuclear Regulatory Research

FROM: Shah N. Malik, Senior Materials Engineer */RA/*
Component Integrity Branch
Division of Engineering
Office of Nuclear Regulatory Research

SUBJECT: SUMMARY OF PUBLIC MEETING BETWEEN THE NUCLEAR
REGULATORY COMMISSION STAFF AND
REPRESENTATIVES OF THE NUCLEAR POWER INDUSTRY
REGARDING WELD RESIDUAL STRESS MODELING FOR
PRIMARY WATER STRESS CORROSION CRACKING FLAW
EVALUATION PROCEDURES

On January 27, 2010, Nuclear Regulatory Commission (NRC) staff met with representatives of the Westinghouse Electric Company, Electric Power Research Institute (EPRI), EPRI-Materials Reliability Program (MRP), and Structural Integrity Associates (SIA) at a Category 2 public meeting in Rockville, Maryland. The purpose of this meeting was to listen to a presentation entitled "Flaw Evaluation Issues with a Recent Inspection," made by Warren Bamford of the Westinghouse Electric Company, who is also the chair of Subgroup on Evaluation Standards of the ASME Boiler and Pressure Vessel Code, Subcommittee on Nuclear Inservice Inspection (SC XI). The presentation focused on describing enhancements to the process for PWSCC flaw evaluation in dissimilar metal (DM) welds. Mr. Bamford discussed several key attributes in his proposed process of creating an effective DM weld residual stress model for use in flaw evaluation. No commitments or decisions were made during the meeting.

Enclosures:

- 1) List of Attendees
- 2) Presentation

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