



UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
WASHINGTON, DC 20555 - 0001

September 13, 2007

MEMORANDUM TO: ACRS Members

FROM: Charles G. Hammer, Senior Staff Engineer */RA/*
Reactor Safety Branch, ACRS

SUBJECT: TRANSMITTAL OF REVIEW MATERIALS FOR DISSIMILAR METAL
WELD ISSUE

The full Committee will review the subject dissimilar metal weld issue during the 546th ACRS meeting on October 4, 2007.

To prepare for this meeting, the following information is attached:

1. NRC staff safety assessment of the advanced finite element analysis of primary water stress corrosion cracking in pressurizer nozzle dissimilar metal butt welds, dated September 7, 2007 (ML072430091 and ML072400199)
2. Final report by Engineering Mechanics Corporation of Columbus on the implications of the Wolf Creek indications (ML072470394)
3. "Advanced FEA Evaluation of Growth of Postulated Circumferential PWSCC Flaws in Pressurizer Nozzle Dissimilar Metal Welds (MRP-216, Revision 1): Evaluation Specific to Nine Subject Plants," EPRI, Palo Alto, CA, 2007 (ML072410235)
4. 8-9-07 meeting EPRI slides (ML0722600290)
5. 8-9-07 meeting NRC slides (ML0722600300)

The proposed schedule and status report will be issued at a later date.

If you have any questions, please contact me at (301) 415-7363 (cgh@nrc.gov)

cc w/o Attachments: F. Gillespie
S. Duraiswamy
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