

**CONFERENCE ON
VESSEL HEAD PENETRATION INSPECTION, CRACKING, AND REPAIRS**

Sponsored by
**The U.S. Nuclear Regulatory Commission
and Argonne National Laboratory**

**Marriott Washingtonian Center
Gaithersburg, MD, USA**

Sept. 29 – October 2, 2003

Opening Session

**8:30 General Welcome
 W. H. Cullen, Jr., U.S. Nuclear Regulatory Commission, Rockville, MD**

**8:45 Arrangements
 K. Natesan, Argonne National Laboratory, Argonne, IL**

**8:55 Opening Remarks
 M. Mayfield, U.S. Nuclear Regulatory Commission, Rockville, MD**

**9:10 Keynote Address
 A. Thadani, U.S. Nuclear Regulatory Commission, Rockville, MD**

9:40 Break

Session I: Inspection Techniques, Results, and Future Developments (10-12 papers)

**Chairpersons: Steve Doctor, Pacific Northwest National Laboratory
 Deborah Jackson, US Nuclear Regulatory Commission**

Tuesday, September 30, 2003

Session II: Continued Plant Operation (10 - 12 papers)

**Chairmen: Allen Hiser, Jr., US Nuclear Regulatory Commission
 Warren Bamford, Westinghouse Electric Company, LLC**

Session III: Mitigation of Nickel-base Alloy Degradation and Foreign Experience (7 - 9 papers)

Chairmen: Stephen Fyfitch, Framatome ANP, Peter Scott, Framatome ANP

6:30 Banquet

Banquet Speaker: To Be Determined

Wednesday, October 1, 2003

Session IV: Crack Growth Rate Studies for the Disposition of Flaws (8 – 10 papers)

**Chairpersons: Karen Gott, SKI, Sweden
 Tetsuo Shoji, Tohoku University, Japan**

**3:00 – 7:00 Kickoff Meeting of International Cooperative Group on PWSCC and NDE of Alloy
600 – C. E. Moyer, RES/DET/MEB, Chairwoman.**

Thursday, Oct. 2, 2003

Session V: Structural Analysis and Fracture Mechanics Issues (6 - 8 papers)

Chairman: Gery Wilkowski, Engineering Mechanics Corporation of Columbus

Session Summaries

1:00 Session I: S. Doctor and D. Jackson

1:15 Session II: K. Gott and T. Shoji

1:30 Session III: S. Fyfe and P. Scott

1:45 Session IV: A. Hiser, Jr. and W. Bamford

2:00 Session V: G. Wilkowski

2:15 Break

2:30 Panel Discussion

**Chairpersons: Christine King, Electric Power Research Institute
William H. Cullen, US Nuclear Regulatory Commission**

**Panelists: Brian Sheron, US Nuclear Regulatory Commission
Jack Strosnider, US Nuclear Regulatory Commission
Alex Marion, Nuclear Energy Institute
Larry Mathews, MRP**

Concluding Remarks: W. H. Cullen

Adjourn