

June 18, 2003

MEMORANDUM TO: Michael Lesar, Chief
Rules and Directives Branch
Division of Administrative Services
Office of Administration

FROM: Michael Mayfield, Director /RA/
Division of Engineering Technology
Office of Nuclear Regulatory Research

SUBJECT: PUBLIC MEETING NOTICE FOR "CONFERENCE ON VESSEL
PENETRATION INSPECTION, CRACKING AND REPAIRS"

Attached is a copy of a Federal Register notice for a meeting to be held on September 29 - October 2, 2003, for your transmittal to the Office of the Federal Register for Publication. Five additional copies of the signed notice are attached for your use; as is a 3.5" diskette containing the notice Word Perfect 8 file.

If you need additional information concerning this notice, please contact William Cullen at 301-415-6754.

Attachments: As stated (5 copies)

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TEMPLATE NO.

NRC-001

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NAME	W. Cullen /RA/		N. Chokshi /RA/		M. Mayfield /RA/		
DATE	06/18/03		06/18/03		06/18/03		/ /03

OFFICIAL RECORD COPY

Conference on Vessel Penetration Inspection, Cracking and Repairs

AGENCY: Nuclear Regulatory Commission

ACTION: Notice of public conference

SUMMARY: NRC Research and Argonne National Laboratories are jointly sponsoring a four-day conference addressing issues of flaw detection, crack growth rate modeling and applications for nickel-base alloys used as PWR pressure-boundary components, including vessel head penetrations (VHPs – upper and lower), safe-ends, and other attachments involving mixed metal, nickel-base alloy welds. The topics on the program will include (a) flaw inspection procedures, descriptions of NDE results, and user experience with vessel head mock-ups or other NDE training and certification procedures; (b) descriptions of crack growth rate (CGR) experiments, interpretation and analysis of CGR data; (c) probabilistic fracture mechanics analysis of VHP structural elements, including experimental or analytical stress analyses; (d) programs that address the mitigation of the cracking or other corrective actions, especially repair procedures; and (e) the application of these results in operating plants, including follow-on inspections of repaired components, and evaluations of success or failure of these methods. The presented papers will be published as Conference Proceedings of the Nuclear Regulatory Commission (NUREG/CP-series). Additional information is posted on the Alloy 600 page of the NRC website: <http://www.nrc.gov/reactors/operating/ops-experience/alloy600/public-mtgs.html>. Registration forms may be found at <http://www.et.anl.gov/CONFERENCE.doc>

DATES: September 29 – October 2, 2003

ADDRESS: Marriott-Gaithersburg/Washingtonian Center, 9751 Washingtonian BLVD.

Gaithersburg, MD 20878

FOR FURTHER INFORMATION CONTACT:

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