

April 14, 2005

MEMORANDUM TO: Thomas A. Bergman, Acting Chief  
Materials Engineering Branch  
Office of Nuclear Regulatory Research

FROM: Wallace Norris, Project Manager /RA/  
Materials Engineering Branch  
Office of Nuclear Regulatory Research

SUBJECT: NOTICE OF MEETING BETWEEN THE NUCLEAR REGULATORY  
COMMISSION (NRC) STAFF, PACIFIC NORTHWEST NATIONAL  
LABORATORY STAFF, AND INDUSTRY REPRESENTATIVES ON NON-  
DESTRUCTIVE AND DESTRUCTIVE EXAMINATIONS OF NOZZLES  
SALVAGED FROM THE DISCARDED NORTH ANNA 2 VESSEL HEAD

DATE AND TIME: May 4, 2005; 8:30 a.m. - 3:00 p.m.

LOCATION: Conference Room 1077, Environmental Molecular Sciences Laboratory  
Pacific Northwest National Laboratory  
3335 "Q" Avenue  
Richland, WA 99352

PURPOSE: This is a program status review for a task at Pacific Northwest National  
Laboratory to complete non-destructive and destructive examinations of the  
flaws indicated in nozzles #59 and #31 salvaged from the North Anna 2 vessel  
head.

PARTICIPANTS: NRC  
W. Norris, RES/DET/MEB  
W. Cullen, RES/DET/MEB  
A. Lee, RES/DET/MEB

Pacific Northwest National Laboratory  
S. Doctor, NDE Measurement and Characterization Sciences Group  
S. Cumblidge, NDE Measurement and Characterization Sciences Group  
G. Schuster, NDE Measurement and Characterization Sciences Group  
S. Crawford, NDE Measurement and Characterization Sciences Group  
R. Harris, NDE Measurement and Characterization Sciences Group  
J. Abrefah, Radiochemical Sciences and Engineering Group

Industry  
Al Aluwahlia, EPRI  
J. Hickling, EPRI

CATEGORY: This is a category 2 meeting. The public is invited to participate in this meeting  
by discussing regulatory issues with the NRC at a designated point identified  
on the agenda.

Attachment: Agenda

cc: See list

\*Meetings between NRC technical staff and applicants or licensees are open for interested members of the public, petitioners, interveners, or other parties to attend pursuant to the Commission Policy Statement on "Staff Meetings Open to the Public: Final Policy Statement," 67 *Federal Register* 36920, May 28, 2002. Members of the public who wish to attend should contact W. Norris at (301) 415-6796 or [wen@nrc.gov](mailto:wen@nrc.gov) for information on security control at Pacific Northwest National Laboratory. Contact Earlene Prickett, [earlene.prickett@pnl.gov](mailto:earlene.prickett@pnl.gov), 509-375-2659 for directions, or other information about PNNL.

DISTRIBUTION: NDE and DE of NA2 Nozzles Program Review - 05 - 04 - 2005

PUBLIC  
ACRS  
OGC

Email  
C. Paperiello, RES  
J. Craig, RES  
R. Bennett, RES/DET  
M. Cunningham  
T. Bergman, RES/DET/MEB  
A. D. Lee  
A. L. Hiser  
D. A. Jackson  
T. Mintz  
J. Muscara  
M. Mayfield, NRR/DE  
W. Bateman, NRR/DE/EMCB  
E. Sullivan  
G. Cheruvenki  
M. Mitchell  
K. Wichman  
W. Koo

PMNS

---

Attachment: Agenda

cc: See list

\*Meetings between NRC technical staff and applicants or licensees are open for interested members of the public, petitioners, interveners, or other parties to attend pursuant to the Commission Policy Statement on "Staff Meetings Open to the Public: Final Policy Statement," 67 *Federal Register* 36920, May 28, 2002. Members of the public who wish to attend should contact W. Norris at (301) 415-6796 or [wen@nrc.gov](mailto:wen@nrc.gov) for information on security control at Pacific Northwest National Laboratory. Contact Earlene Prickett, [earlene.prickett@pnl.gov](mailto:earlene.prickett@pnl.gov), 509-375-2659 for directions, or other information about PNNL.

DISTRIBUTION: NDE and DE of NA2 Nozzles Program Review - 05 - 04 - 2005

PUBLIC  
ACRS  
OGC

Email  
C. Paperiello, RES  
J. Craig, RES  
R. Bennett, RES/DET  
M. Cunningham  
T. Bergman, RES/DET/MEB  
A. D. Lee  
A. L. Hiser  
D. A. Jackson  
T. Mintz  
J. Muscara  
M. Mayfield, NRR/DE  
W. Bateman, NRR/DE/EMCB  
E. Sullivan  
G. Cheruvenki  
M. Mitchell  
K. Wichman  
W. Koo

PMNS

-----

OAR in ADAMS? (Y or N)Y  
Publicly Available? (Y or N)Y

ADAMS ACCESSION NO: **ML050900290**

TEMPLATE NO. RES: 001

DATE OF RELEASE TO PUBLIC Immediate

SENSITIVE? Non

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	RES/DET/MEB	RES/DET/MEB	RES/DET/MEB
NAME	W. Norris	W. H. Cullen, Jr. (ADL for)	T. Bergman (ALH for)
DATE	4/14/2005	4/14/2005	4/14/2005

OFFICIAL RECORD COPY

## ATTACHMENT

**Preliminary Agenda for Meeting on  
Non-destructive and Destructive Inspections of Nozzles #59 and #31 Salvaged from the  
Discarded North Anna 2 Vessel Head  
May 4, 2005  
8:30 a.m. - 3:00 p.m.**

Introductions	W. Norris, NRC
Review of Agenda	S. Doctor, PNNL.
Review of Destructive Test Results from Nozzle #59	G. Rao, Westinghouse
Overview of PNNL Program	S. Cumblidge, PNNL S. Doctor. PNNL
Decontamination of #31 and #59	J. Abrefah. PNNL
NDE Results	G. Schuster. PNNL S. Crawford. PNNL R. Harris. PNNL
NDE Work Remaining, and Destructive Exam Test Plan	S. Cumblidge. PNNL
Opportunity for public questions or comments	EPRI/NRC/Public

### Directions to Pacific Northwest National Laboratory:

From the [Tri-Cities Airport \(PSC\) in Pasco, WA](#): Exit south from the airport parking area until you reach Interstate 182, then travel west towards Richland. Take the George Washington Way exit (Exit 5B). Continue north on George Washington Way for several miles, then turn left onto Battelle Boulevard, and right on Q Avenue. EMSL is the large brick building located at the end of Q Avenue. The street address is 3335 Q Ave.