

July 25, 2005

MEMORANDUM TO: Rick Croteau, Acting Chief
Materials Engineering Branch
Office of Nuclear Regulatory Research

FROM: William H. Cullen, Jr., Project Manager /RA/
Materials Engineering Branch
Office of Nuclear Regulatory Research

SUBJECT: NOTICE OF MEETING BETWEEN THE NUCLEAR REGULATORY
COMMISSION STAFF, INDUSTRY REPRESENTATIVES, AND ELECTRIC
POWER RESEARCH INSTITUTE/MATERIALS RELIABILITY PROJECT
REPRESENTATIVES ON MITIGATION OF PRIMARY WATER STRESS
CORROSION CRACKING

DATE AND TIME: August 25, 2005; 8:45 a.m. - 2:30 p.m.

LOCATION: Room T9-A01
US Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, MD 20852

PURPOSE: To discuss the status of research addressing the possibilities of reducing the
susceptibility of primary water stress-corrosion cracking (PWSCC) nucleation
or growth by mitigation of stress, by materials modification, or by chemical
additions to the reactor coolant. To discuss specific experience and intentions
by Southern Nuclear Company to explore the benefits of PWSCC mitigation by
additions of a zinc compound to primary coolant.

PARTICIPANTS: NRC
R. Barrett, RES/DET
W. Cullen, RES/DET/MEB
T. Mintz, RES/DET/MEB
A. Lee, RES/DET/MEB
A. Hiser, RES/DET/MEB
B. Bateman, NRR/DE/EMCB
T. Chan, NRR/DE/EMCB
M. Mayfield, NRR/DE
E. Sullivan, NRR/DE/EMCB
K. Wichman, NRR/DE/EMCB
J. Collins, NRR/DE/EMCB
E. Richeldt, NRR/DE/EMCB
R. Martin, NRR/DLPM/LPD2
J. Birmingham, NRR/DRIP/RPRP

Industry/EPRI/Nuclear Energy Inst.
J. Wilson, Exelon
Al Ahluwalia, EPRI

PARTICIPANTS

(Continued):

Southern Nuclear Operating Company/Westinghouse

M. Stinson, SNC

N. Liparello, Westinghouse

D. McKinney, SNC

C. Pezze, Westinghouse

M. Dove, SNC

R. Jacko, Westinghouse

CATEGORY:

This is a category 2 meeting. The public is invited to participate in this meeting by discussing regulatory issues with the NRC at designated points 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 William H. Cullen at (301) 415-7510 or whc@nrc.gov for information on security control and parking availability at the US Nuclear Regulatory Commission

Email:

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J. Wiggins, RES

M. Mayfield, NRR/DE

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D. A. Jackson, RES/DET/MEB

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K. Wichman, NRR/DE/EMCB

W. Koo, NRR/DE/EMCB

PUBLIC

ACRS

OGC

PMNS

PARTICIPANTS

(Continued):

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DISTRIBUTION: Mitigation of Primary Water Stress Corrosion Cracking Meeting - 8 - 25 - 2005

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OFFICE	RES/DET/MEB	RES/DET/MEB	RES/DET/MEB
NAME	W. H. Cullen, Jr.	H. Graves/AL for	R. Croteau/ALH for
DATE	7/22/05	7/25/05	7/ 25/05

OFFICE	SISP Review Originator	SISP Review Branch Chief
NAME	W. H. Cullen, Jr.	R. Croteau/ALH for
DATE	7/25/05	7/25/05

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**Preliminary Agenda for Meeting on
Mitigation of Primary Water Stress Corrosion Cracking (PWSCC)
August 25, 2005
8:45 a.m. -2:30 p.m.**

8:45	Introductions	W. Cullen, NRC
8:50 - 9:45	Review of EPRI/MRP PWSCC Mitigation Programs	J. Wilson, Exelon
9:45 - 10:00	Break	
9:45 - 10:30	Continue Review of EPRI/MRP PWSCC Mitigation Programs	J. Wilson
10:30 -10:45	Break	
10:45 - 12:00	Presentation from Southern Nuclear on Research Plans Addressing PWSCC Mitigation at Farley Units 1 & 2	M. Stinson, SNC M. Dove, SNC R. Jacko, Westinghouse
12:00 - 12:15	Opportunity for Comments or Questions from Public Attendees	EPRI/NRC/Public
12:15 -1:15	Lunch Break	
1:15 - 2:15	Conclude Review of EPRI/MRP PWSCC Mitigation Programs	J. Wilson
2:15 - 2:30	Opportunity for Comments or Questions from Public Attendees	EPRI/NRC/Public

ATTACHMENT