

A. Valentin

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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.

Enclosure:
Agenda

*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 Samantha Crane at (301) 415-6380 or svc3@nrc.gov for information.

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M. Cunningham	J. Uhle
A. Valentin	D. A. Jackson
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W. Bateman	T. Chan
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NAME	W.Cullen /RA/	A. Valentin /RA/ William Cullen for	W.Cullen /RA/	A. Valentin /RA/ William Cullen for
DATE	04 /24/07	04 /24/07	04/24/07	04/24/07

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AGENDA

Kick-Off Meeting for ANL Program on
Environmentally Assisted Cracking of LWR Structural Materials
May 14 and 15, 2007
Room DL-208, Building 212
Argonne National Laboratory

Monday May 14, 2007

08:30-08:45 Welcome (Chris Grandy)

08:45-09:00 NRC Comments

09:00-09:15 EAC Program Overview (Omesh Chopra)

Task 1: Evaluation of the Causes and Mechanisms of IASCC in BWRs

09:15-09:30 Overview - Prior Effort (Omesh Chopra)

09:30-10:15 IASCC of Halden Materials (Yiren Chen)

10:15-10:30 Break

10:30-11:30 Crack Growth & Fracture Toughness of Irradiated SSs (Omesh Chopra)

11:30-11:50 Scope of Future Work (Omesh Chopra)

11:50-12:00 Questions/Comments from Public Participants

12:00-01:00 Lunch

01:00-02:30 ***Tour of Hot-Cell Mechanical Test Facility*** (Yiren Chen, Omesh Chopra)

02:30-02:45 Break

Task 2: Evaluation of the Causes and Mechanisms of IASCC of Austenitic SSs in PWRs

02:45-03:00 Overview - Prior Effort (Omesh Chopra)

03:00-03:30 IASCC of BOR-60 Materials Preliminary Results (Yiren Chen)

03:30-04:00 Microstructural Examination of 20 dpa BOR-60 Materials (Yiren Chen)

04:00-04:15 Ball Punch Tests (Bill Soppet)

04:15-04:35 Scope of Future Work (Omesh Chopra)

04:35-04:45 Questions/Comments from Public Participants

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Kick-Off Meeting for ANL Program on
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Tuesday May 15, 2007

Task 3: Cracking of Nickel Alloys and Welds

- 08:30-08:45 Overview - Prior Effort (Omesh Chopra)
- 08:45-09:15 Metallographic Studies (Bogdan Alexandreanu)
- 09:15-10:00 CGRs of Ni-Alloy Welds in PWR Water (Bogdan Alexandreanu)
- 10:10-10:15 Break
- 10:15-10:45 Activation Energy for SCC Growth of Ni-Alloy Welds (Bogdan Alexandreanu)
- 10:45-11:30 CGRs of Alloys 600 & 690 in PWR Water (Bogdan Alexandreanu)
- 11:30-12:00 Scope of Future Work (Omesh Chopra)
- 12:00-01:00 Lunch
- 01:00-02:30 ***Tour of Crack Growth Test Facility*** (Bill Soppet, Bogdan Alexandreanu)
- 02:30-02:50 Discussion of All Tasks
- 02:50-03:00 Questions/Comments from Public Participants

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