

April 15, 2003

MEMORANDUM TO: Marsha Gamberoni, Deputy Director  
New Reactor Licensing Project Office  
Office of Nuclear Reactor Regulation

FROM: Belkys Sosa, ACR-700 Project Manager */RA/*  
New Reactor Licensing Project Office  
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING MEETING WITH ATOMIC ENERGY OF CANADA  
LIMITED (AECL) REGARDING THE ADVANCED CANDU REACTOR  
(ACR-700) DESIGN

DATE & TIME: Tuesday, May 6, 2003  
Wednesday, May 7, 2003  
Thursday, May 8, 2003  
8:30 a.m. - 5:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission (NRC)  
Two White Flint North Auditorium  
11545 Rockville Pike  
Rockville, Maryland 20852

PURPOSE: AECL technical presentation on ACR-700 Beyond Design Basis  
Accidents (see attached agenda).

CATEGORY 1:\*

The public is invited to observe this meeting and will have one or more opportunities to communicate with the NRC after the business portion, but before the meeting is adjourned.

PARTICIPANTS:\*

Participants from the NRC include members from the Office of Nuclear Reactor Regulation (NRR) and the Office of Research (RES).

<u>NRC</u>	<u>AECL</u>
F. Eltawila, RES	V. Langman, et al.
J. Lyons, NRR	
B. Sosa, NRR, et al.	

Attachment: Agenda (Accession No. ML031010568)

Project No. 722

cc: See next page

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\*Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings,"  
67 *Federal Register* 36920, May 28, 2002

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DISTRIBUTION:  
See attached list  
Accession No. ML031010568

OFFICE	PM:NRLPO	DD:NRLPO
NAME	BSosa	MGamberoni
DATE	04/14/03	04/14/03

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## **ACR-700 Beyond Design Basis Accidents Meeting Agenda**

### May 6, 2003: Beyond Design Basis Accidents and Supporting Technology Base

8:30 a.m. - 8:45 a.m.	Introductory Comments - NRC
8:45 a.m. - 9:00 a.m.	Introductory Remarks - AECL
9:00 a.m. - 10:30 a.m.	Overview of ACR Severe Accidents
10:30 a.m. - 10:45 a.m.	Break
10:45 a.m. - 12:15 p.m.	Fuel Channel Behaviour
12:15 p.m. - 12:30 p.m.	Opportunity for Public Comments
12:30 p.m. - 1:30 p.m.	Lunch
1:30 p.m. - 3:00 p.m.	Fuel Behaviour
3:00 p.m. - 3:15 p.m.	Break
3:15 p.m. - 4:45 p.m.	Fission Product Release and Transport
4:45 p.m. - 5:00 p.m.	Opportunity for Public Comments
5:00 p.m.	Adjourn

### May 7, 2003: Beyond Design Basis Accidents and Supporting Technology Base

8:30 a.m. - 10:00 a.m.	Iodine Behaviour
10:00 a.m. - 10:15 a.m.	Break
10:15 a.m. - 11:45 a.m.	Hydrogen Behaviour
11:45 a.m. - 12:00 p.m.	Opportunity for Public Comments
12:00 p.m. - 1:00 p.m.	Lunch
1:00 p.m. - 2:30 p.m.	Severe Flow Blockage
2:30 p.m. - 2:45 p.m.	Break
2:45 p.m. - 4:15 p.m.	Core Disassembly
4:15 p.m. - 4:30 p.m.	Opportunity for Public Comments
4:30 p.m.	Adjourn

### May 8, 2003: Severe Accidents Code and PRA

8:30 a.m. - 10:30 a.m.	MAAP4 CANDU
10:30 a.m. - 10:45 a.m.	Break
10:45 a.m. - 11:15 a.m.	PRA Applications in Canada
11:15 a.m. - 11:30 p.m.	Opportunity for Public Comments
11:30 p.m. - 12:30 p.m.	Lunch
12:30 p.m. - 2:30 p.m.	Level 1 PRA
2:30 p.m. - 2:45 p.m.	Break
2:45 p.m. - 3:15 p.m.	Level 2 PRA
3:15 p.m. - 3:30 p.m.	Opportunity for Public Comments
3:30 p.m. - 3:45 p.m.	Conclusion - NRC
3:45 p.m.	Adjourn

**NOTE: Specific topics and associated discussion times may change without notice**

Contact: Belkys Sosa, NRR  
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Distribution for May 6-8, 2003, Meeting Notice dated April 15, 2003

Hard Copy

NRLPO R/F

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