

June 6, 2002

MEMORANDUM TO: Thomas A. Bergman, Acting Deputy Director  
New Reactor Licensing Project Office  
Office of Nuclear Reactor Regulation

FROM: Amy Cabbage, ESBWR Project Manager /RA/  
New Reactor Licensing Project Office  
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING MEETING WITH THE GENERAL ELECTRIC  
COMPANY TO DISCUSS THE ESBWR DESIGN AND PLANS FOR  
PREAPPLICATION INTERACTIONS

DATE & TIME: June 20 and 21, 2002  
8:30 a.m. - 5:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission  
Two White Flint North, Room T-7A1  
11545 Rockville Pike  
Rockville, Maryland 20852

PURPOSE: To discuss the ESBWR design and plans for preapplication interactions  
(see attached agenda).

PARTICIPANTS:\* Participants from the NRC include members from the Office of Nuclear  
Reactor Regulation (NRR) and Office of Nuclear Regulatory Research  
(RES).

<u>NRC</u>	<u>GENERAL ELECTRIC</u>
J. Lyons, NRR	A. Rao, et al.
A. Cabbage, NRR	
F. Eltawila, RES	
J. Flack, RES	
R. Caruso, NRR, et al.	

Project No. 717

cc: See next page

CONTACT: Amy E. Cabbage, NRR  
301-415-2875

\*Meetings between NRC technical staff and applicants or licensees are open for interested members of the public, petitioners, intervenors, or other parties to attend as observers pursuant to the Commission Policy Statement on "Staff Meetings Open to the Public: Final Policy Statement," 65 *Federal Register* 56964, 9/20/2000. Persons attending the meeting will be given the opportunity to express their individual views on topics under discussion during the course of the meeting.

## General Electric ESBWR Presentation - Room T-7A1

### June 20, 2002

8:30 a.m.	Introductory Comments	NRC
8:45 a.m.	Introduction and Overview <ul style="list-style-type: none"><li>• background, history and overview</li><li>• design criteria and status</li><li>• pre-application roadmap and items for review</li></ul>	General Electric
11:00 a.m.	Design Description <ul style="list-style-type: none"><li>• core, vessel, CRD</li><li>• auxiliary systems and turbine island</li><li>• safety systems</li><li>• plant arrangement and structures</li><li>• similarities/differences to operating plants and ABWR</li></ul>	General Electric
11:45 a.m.	Lunch	
12:45 p.m.	Design Description (Cont.)	General Electric
3:30 p.m.	Plant Performance <ul style="list-style-type: none"><li>• normal operation</li><li>• transients</li><li>• LOCA and containment</li><li>• similarities/differences to operating plants and ABWR</li></ul>	General Electric
5:00 p.m.	Adjourn	

### June 21, 2002

8:30 a.m.	Technology Basis <ul style="list-style-type: none"><li>• test and analysis program description</li><li>• ESBWR technology program roadmap and history</li><li>• analysis methodology and TRACG model description</li><li>• methodology qualification</li><li>• methodology application</li></ul>	General Electric
11:45 a.m.	Lunch	
12:45 p.m.	Technology Basis (Cont.)	General Electric
1:30 p.m.	Testing and Scaling Basis <ul style="list-style-type: none"><li>• inventory control testing</li><li>• decay heat removal testing at different scales</li><li>• scaling and applicability of test data</li></ul>	General Electric
4:30 p.m.	Discussion and Conclusions	All
5:00 p.m.	Adjourn	

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NRC  
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J. Flack, RES  
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GENERAL ELECTRIC  
A. Rao, et al.

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