

May 3, 2004

MEMORANDUM TO: Laura A. Dudes, Section Chief
New Reactors Section
New, Research and Test Reactors Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

FROM: Amy Cubbage, Project Manager */RA/*
New Reactors Section
New, Research and Test Reactors Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

SUBJECT: MARCH 25, 2004, AP1000 TELEPHONE CONFERENCE CALL
SUMMARY

On Thursday, March 25, 2004, a telephone conference call was held with Westinghouse Electric Company (Westinghouse) representatives and Nuclear Regulatory Commission (NRC) staff to discuss issues related to shutdown risk. The NRC staff specifically discussed open item (OI) 19.1.10.2-1, which was raised by the NRC in a letter dated June 6, 2003 (ML031570220). Westinghouse responded to this open item by letter dated July 1, 2003 (ML031950553), and provided OI 19.1.10.2-1 response, Revision 1, by letter dated September 19, 2003 (ML032680820). A list of call participants is included in Attachment 1.

The following is a brief summary of the discussion regarding the staff's request for additional information concerning OI 19.1.10.2-1:

- A) The staff raised an issue regarding conditions under which the residual heat removal system (RNS) would be isolated during MODE 5 (including vacuum refill operations), and what alternate means of low temperature overpressure protection (LTOP) would be available in the event of RNS isolation;
- B) Westinghouse committed to revise the response to OI 19.2.10.2-1 to specify the conditions under which the RNS would be isolated and to clarify the use of the ADS valves for LTOP; and
- C) Westinghouse committed to add a probabilistic risk assessment (PRA) insight to Table 19.59-18 of the design control document (DCD) regarding the importance of the operators not isolating the RNS until there is a low hot-leg level, and to identify the ADS stages 1, 2, and 3 valves as an alternate vent path.

Docket No. 52-006

Attachments: As stated

cc w/atts: See next page

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JSegala	
JColaccino	

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OFFICE	RNRP:PM	RNRP:PM	SPSB:SC	RNRP:SC
NAME	ACubbage	JColaccino	MRubin	LDudes
DATE	04/29/04	04/29/04	04/29/04	05/3/04

MARCH 25, 2004
TELEPHONE CONFERENCE CALLS SUMMARY
LIST OF PARTICIPANTS

Nuclear Regulatory Commission

J. Colaccino
J. Segala
M. Pohida

Westinghouse

R. Vijuk
T. Schulz

AP 1000

cc:

Mr. W. Edward Cummins
AP600 and AP1000 Projects
Westinghouse Electric Company
P.O. Box 355
Pittsburgh, PA 15230-0355

Mr. H. A. Sepp
Westinghouse Electric Company
P.O. Box 355
Pittsburgh, PA 15230

Ms. Lynn Connor
Doc-Search Associates
2211 SW 1ST Ave - #1502
Portland, OR 97201

Mr. Barton Z. Cowan, Esq.
Eckert Seamans Cherin & Mellott, LLC
600 Grant Street 44th Floor
Pittsburgh, PA 15219

Mr. Charles Brinkman, Director
Washington Operations
Westinghouse Electric Company
12300 Twinbrook Parkway, Suite 330
Rockville, MD 20852

Mr. R. Simard
Nuclear Energy Institute
1776 I Street NW
Suite 400
Washington, DC 20006

Mr. Thomas P. Miller
U.S. Department of Energy
Headquarters - Germantown
19901 Germantown Road
Germantown, MD 20874-1290

Mr. David Lochbaum
Nuclear Safety Engineer
Union of Concerned Scientists
1707 H Street NW, Suite 600
Washington, DC 20006-3919

Mr. Paul Gunter
Nuclear Information & Resource Service
1424 16th Street, NW., Suite 404
Washington, DC 20036

Mr. Tom Clements
6703 Guide Avenue
Takoma Park, MD 20912

Mr. James Riccio
Greenpeace
702 H Street, NW, Suite 300
Washington, DC 20001

Mr. James F. Mallay, Director
Regulatory Affairs
FRAMATOME, ANP
3315 Old Forest Road
Lynchburg, VA 24501

Mr. Ed Wallace, General Manager
Projects
PBMR Pty LTD
PO Box 9396
Centurion 0046
Republic of South Africa

Mr. Vince Langman
Licensing Manager
Atomic Energy of Canada Limited
2251 Speakman Drive
Mississauga, Ontario
Canada L5K 1B2

Mr. Gary Wright, Manager
Office of Nuclear Facility Safety
Illinois Department of Nuclear Safety
1035 Outer Park Drive
Springfield, IL 62704

Dr. Gail H. Marcus
U.S. Department of Energy
Room 5A-143
1000 Independence Ave., SW
Washington, DC 20585

Mr. Paul Leventhal
Nuclear Control Institute
1000 Connecticut Avenue, NW
Suite 410
Washington, DC 20036

Mr. Jack W. Roe
SCIENTECH, INC.
910 Clopper Road
Gaithersburg, MD 20878

Ms. Patricia Campbell
Winston & Strawn
1400 L Street, NW
Washington, DC 20005

Mr. David Ritter
Research Associate on Nuclear Energy
Public Citizens Critical Mass Energy
and Environmental Program
215 Pennsylvania Avenue, SE
Washington, DC 20003

Mr. Ronald P. Vijuk
Manager of Passive Plant Engineering
AP1000 Project
Westinghouse Electric Company
P. O. Box 355
Pittsburgh, PA 15230-0355

Mr. Russell Bell
Nuclear Energy Institute
Suite 400
1776 I Street, NW
Washington, DC 20006-3708