

April 24, 2003

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

FROM: Joelle L. Starefos, Project Manager /RA/
New Reactor Licensing Project Office
Office of Nuclear Reactor Regulation

SUBJECT: MARCH 28, 2003, AP1000 TELEPHONE CONFERENCE CALL
SUMMARY

On Friday, March 28, 2003, a telephone conference call was held with Westinghouse Electric Company (Westinghouse) representatives and Nuclear Regulatory Commission (NRC) staff to discuss the AP1000 Requests for Additional Information (RAIs) numbered 720.079 and 720.080. Westinghouse submitted responses to these RAIs on November 26, 2002 (ADAMS Accession No. ML023360097) and November 15, 2002 (ADAMS Accession No. ML023230432), respectively. A list of call participants is included in Attachment 1.

Following is a brief summary of the discussions regarding the identified RAIs:

RAI 720.079

In the response dated November 26, 2002, Westinghouse stated, "Since severe accidents are very low probability events, it is satisfactory to provide reasonable assurance that the designated equipment will operate following a severe accident by comparing the AP1000 severe accident environments to design basis event/severe accident testing or by design practices." The NRC staff requested clarification on the phrases "low probability events" and "reasonable assurance." Westinghouse agreed to provide an update to the RAI to clarify the phrasing.

RAI 720.080

The NRC staff questioned the rationale for the use of the three phase evaluation versus a five phase evaluation for equipment survivability. Westinghouse agreed to review Regulatory Guide 1.183 and determine if changes to the RAI response were necessary.

Docket No. 52-006

Attachment: As stated

April 24, 2003

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

FROM: Joelle L. Starefos, Project Manager */RA/*
New Reactor Licensing Project Office
Office of Nuclear Reactor Regulation

SUBJECT: MARCH 28, 2003, AP1000 TELEPHONE CONFERENCE CALL
SUMMARY

On Friday, March 28, 2003, a telephone conference call was held with Westinghouse Electric Company (Westinghouse) representatives and Nuclear Regulatory Commission (NRC) staff to discuss the AP1000 Requests for Additional Information (RAIs) numbered 720.079 and 720.080. Westinghouse submitted responses to these RAIs on November 26, 2002 (ADAMS Accession No. ML023360097) and November 15, 2002 (ADAMS Accession No. ML023230432), respectively. A list of call participants is included in Attachment 1.

Following is a brief summary of the discussions regarding the identified RAIs:

RAI 720.079

In the response dated November 26, 2002, Westinghouse stated, "Since severe accidents are very low probability events, it is satisfactory to provide reasonable assurance that the designated equipment will operate following a severe accident by comparing the AP1000 severe accident environments to design basis event/severe accident testing or by design practices." The NRC staff requested clarification on the phrases "low probability events" and "reasonable assurance." Westinghouse agreed to provide an update to the RAI to clarify the phrasing.

RAI 720.080

The NRC staff questioned the rationale for the use of the three phase evaluation versus a five phase evaluation for equipment survivability. Westinghouse agreed to review Regulatory Guide 1.183 and determine if changes to the RAI response were necessary.

Docket No. 52-006

Attachment: As stated

Distribution:

Hard Copy

NRLPO R/F

JLyons

MGamberoni

JStarefos

E-mail

PUBLIC

ADrozd

JSegala

RBorchardt

MRubin

JColaccino

JMoore, OGC

JStarefos

RWeisman, OGC

ACCESSION NUMBER: ML031050149

OFFICE	NRLPO/PM	SPSB/SPS/SC	NRLPO/DD
NAME	JStarefos:kf	MRubin	MGamberoni
DATE	4/17/03	4/22/03	4/23/03

OFFICIAL RECORD COPY

MARCH 28, 2003
TELEPHONE CONFERENCE CALL SUMMARY
LIST OF PARTICIPANTS

Nuclear Regulatory Commission

Joelle Starefos
Andrzej Drozd

Westinghouse

Mike Corletti
David Chapman
Tom Hayes
Tim Meneely

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

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

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

Mr. Ed Rodwell, Manager
Advanced Nuclear Plants' Systems
Electric Power Research Institute
3412 Hillview Avenue
Palo Alto, CA 94304-1395

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
Project Management
Lake Buena Vista Bldg., 3rd Floor
1267 Gordon Hood Avenue
Centurion 0046
Republic of South Africa
PO Box 9396 Centurion 0046

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. Edwin Lyman
Nuclear Control Institute
1000 Connecticut Avenue, NW
Suite 410
Washington, DC 20036

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

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. Michael M. Corletti
Passive Plant Projects & Development
AP600 & AP1000 Projects
Westinghouse Electric Company
P. O. Box 355
Pittsburgh, PA 15230-0355