

November 24, 2003

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

FROM: Joseph Colaccino, Senior Project Manager */RA/*
New Reactors Section
New, Research and Test Reactors Program
Division of Regulatory Improvement Programs, NRR

SUBJECT: SEPTEMBER 4, 2003, AP1000 TELEPHONE CONFERENCE CALL
SUMMARY

On Thursday, September 4, 2003, a telephone conference call was held with Westinghouse Electric Company (Westinghouse) representatives and Nuclear Regulatory Commission staff to discuss AP1000 draft safety evaluation report Open Item 5.3.3-1. The call participants are listed in Attachment 1. A summary of actions associated with this open item is included in Attachment 2.

Docket No. 52-006

Attachments: As stated

cc w/atts: See next page

November 24, 2003

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

FROM: Joseph Colaccino, Senior Project Manager /RA/
New Reactors Section
New, Research and Test Reactors Program
Division of Regulatory Improvement Programs, NRR

SUBJECT: SEPTEMBER 4, 2003, AP1000 TELEPHONE CONFERENCE CALL
SUMMARY

On Thursday, September 4, 2003, a telephone conference call was held with Westinghouse Electric Company (Westinghouse) representatives and Nuclear Regulatory Commission staff to discuss AP1000 draft safety evaluation report Open Item 5.3.3-1. The call participants are listed in Attachment 1. A summary of actions associated with this open item is included in Attachment 2.

Docket No. 52-006

Attachments: As stated

cc w/atts: See next page

Distribution:

Hard Copy

RNRP R/F

JLyons

JColaccino

JStarefos

E-mail

PUBLIC

DMatthews

JMoore, OGC

RWeisman, OGC

MMitchell

MKhanna

ACCESSION NUMBER: ML033070052

OFFICE	RNRP/PM	EMCB	RNRP/SC
NAME	JColaccino	ESullivan	LDudes
DATE	11/10/03	11/17/03	11/24/03

OFFICIAL RECORD COPY

SEPTEMBER 4, 2003
TELEPHONE CONFERENCE CALL SUMMARY
LIST OF PARTICIPANTS

Nuclear Regulatory Commission

J. Colaccino
E. Sullivan
M. Khanna
M. Mitchell

Westinghouse

D. Weisman

AP1000 TELEPHONE CONFERENCE CALL SUMMARY
OPEN ITEM 5.3.3-1
SEPTEMBER 4, 2003

The staff identified Open Item 5.3.3-1 to request that Westinghouse provide RT_{NDT} limits that are consistent with Appendix G of 10 CFR Part 50 for the closure flange region of the reactor vessel and the reactor vessel head. Westinghouse stated, in its open item response letter of July 31, 2003 (ADAMS Accession No. ML032160428), and reiterated during the conference call, that elimination of the flange requirement results in plant safety and operational improvements. The response requested an exemption from the requirements of Appendix G of 10 CFR Part 50.

The NRC staff stated that in order for Westinghouse to gain an exemption for the AP1000 design, the applicant would have to provide the same information that the NRC requires to support an exemption for operating plants. Specifically, this would include: (1) properties of the flange material (initial and modified due to thermal aging and radiation damage), (2) bounding flaw size in the flange area, (3) loads and stresses in the flange region, and (4) the need to impose any particular limits to the flange materials. The NRC staff also indicated that an exemption has not been approved for an operating plant as of the date of the conference call.

Westinghouse stated that it would review its approach to address this open item and revise their response as appropriate.

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
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

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