

July 12, 2000

MEMORANDUM TO: Stuart A. Richards, Director
Project Directorate IV & Decommissioning
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: Steven D. Bloom, Project Manager, Section 2
Project Directorate IV & Decommissioning */RA/*
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF MEETING HELD ON JUNE 28, 2000, WITH
WESTINGHOUSE ELECTRIC COMPANY TO DISCUSS THE
SAFETY EVALUATION ON WESTINGHOUSE METHODOLOGY
FOR INCORPORATING HOT LEG NOZZLE GAPS INTO BASH
AND CONSERVATISM IN APPENDIX K MODELS

On June 28, 2000, representatives of Westinghouse Electric Company (W) met with the NRC staff to discuss the safety evaluation (SE) on WCAP-14404, "Methodology for Incorporating Hot Leg Nozzle Gaps into BASH," and conservatism in Appendix K models. The attachment contains the list of meeting attendees. Copies of the slides used during the meeting are available under ADAMS accession number ML003727661.

The meeting began with the NRC staff discussing the safety evaluation for WCAP-14404 and the concerns that existed with our evaluation. These concerns included the acceptance of constant hot leg nozzle gaps during reflood for times ≥ 75 seconds following initiation of the reflood phase following large break loss-of-coolant accidents in 3- and 4-loop W-designed nuclear steam supply systems. The NRC staff also wanted to restrict any further relaxations of conservatisms unless there is a comprehensive look at the evaluation model to ensure adequate margin. The last issue was a nonconservatism in the downcomer modeling. W made their presentation to address the NRC concerns. At the conclusion of the meeting it was determined that W would submit a letter that would provide additional information on all the issues raised by the staff. With this additional information, the NRC would be able to issue the SE with no restrictions on the model.

Project No. 694

Attachment: Attendance List

cc w/att: See next page

July 12, 2000

MEMORANDUM TO: Stuart A. Richards, Director
Project Directorate IV & Decommissioning
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: Steven D. Bloom, Project Manager, Section 2
Project Directorate IV & Decommissioning /RA/
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF MEETING HELD ON JUNE 28, 2000, WITH
WESTINGHOUSE ELECTRIC COMPANY TO DISCUSS THE
SAFETY EVALUATION ON WESTINGHOUSE METHODOLOGY
FOR INCORPORATING HOT LEG NOZZLE GAPS INTO BASH
AND CONSERVATISM IN APPENDIX K MODELS

On June 28, 2000, representatives of Westinghouse Electric Company (W) met with the NRC staff to discuss the safety evaluation (SE) on WCAP-14404, "Methodology for Incorporating Hot Leg Nozzle Gaps into BASH," and conservatism in Appendix K models. The attachment contains the list of meeting attendees. Copies of the slides used during the meeting are available under ADAMS accession number ML003727661.

The meeting began with the NRC staff discussing the safety evaluation for WCAP-14404 and the concerns that existed with our evaluation. These concerns included the acceptance of constant hot leg nozzle gaps during reflood for times ≥ 75 seconds following initiation of the reflood phase following large break loss-of-coolant accidents in 3- and 4-loop W-designed nuclear steam supply systems. The NRC staff also wanted to restrict any further relaxations of conservatisms unless there is a comprehensive look at the evaluation model to ensure adequate margin. The last issue was a nonconservatism in the downcomer modeling. W made their presentation to address the NRC concerns. At the conclusion of the meeting it was determined that W would submit a letter that would provide additional information on all the issues raised by the staff. With this additional information, the NRC would be able to issue the SE with no restrictions on the model.

Project No. 694

Attachment: Attendance List

cc w/att: See next page

DISTRIBUTION:

PUBLIC WLYon
PDIV-2 Reading
SCollins (RidsNrrOd) n
RZimmerman (RidsNrrOd)
BSheron (RidsNrrAdpt)
RidsNrrPMSBloom
RidsNrrLAEPeyton
RidsOgcMailCenter
RidsAcrcAcnwMailCenter
NLauben

ACCESSION NO: ML003731520

OFFICE	PDIV-2/PM	PDIV-2/LA	PDIV-2/SC
NAME	SBloom:am	EPeyton	SDembek
DATE	07/11/00	07/11/00	07/11/00

OFFICIAL RECORD COPY

Westinghouse Owners Group

Project No. 694

cc:

Mr. H. A. Sepp, Manager
Regulatory and Licensing Engineering
Westinghouse Electric Company
P.O. Box 355
Pittsburgh, PA 15230-0355

Mr. Andrew Drake, Project Manager
Westinghouse Owners Group
Westinghouse Electric Company
Mail Stop ECE 5-16
P.O. Box 355
Pittsburgh, PA 15230-0355

MEETING WITH WESTINGHOUSE ELECTRIC COMPANY

MEETING ATTENDEES

SE ON HOT LEG NOZZLE GAP MODELING IN BASH

AND CONSERVATISM IN APPENDIX K MODELS

JUNE 28, 2000

NAME

AFFILIATION

S. Bloom	NRC
W. Lyon	NRC
N. Lauben	NRC
L. Ward	ISL
M. Nissley	Westinghouse
C. DiMuzio	Westinghouse
J. Gresham	Westinghouse
R. Schoff	Westinghouse