

LICENSEE: Omaha Public Power District

FACILITY: Fort Calhoun Station, Unit 1

SUBJECT: SUMMARY OF MEETING ON JANUARY 13, 1992, WITH OMAHA PUBLIC POWER DISTRICT AND WESTINGHOUSE TO DISCUSS WESTINGHOUSE ECCS EVALUATION (WCAP-13027) FOR FORT CALHOUN

The NRC staff met with Omaha Public Power District (OPPD) and Westinghouse on January 13, 1992, in Rockville, Maryland, to discuss the Large and Small Break Loss of Coolant-Accident (LOCA) analysis methods (WCAP-13027) used by Westinghouse for analysis of a Combustion Engineering (CE) Nuclear Steam Supply System (NSSS). A list of meeting attendees is enclosed.

At the meeting Westinghouse explained that, for the Large Break LOCA, they started with a methodology approved for CE NSSS in 1981 but containing some different codes than those used in WCAP-13027. They then incorporated new codes, most of which have been approved for use in other PWR evaluation models, into a new methodology for CE NSSS. For the Small Break LOCA, Westinghouse has modified its previously approved methodology for CE NSSS.

Westinghouse indicated that this new methodology complies with the guidance of Appendix K to 10 CFR Part 50 and of NUREG-0737. Westinghouse also explained that it went to Fort Calhoun Station and obtained the plant-specific data necessary to make the methodologies work for Fort Calhoun.

The NRC staff is reviewing WCAP-13027 for use in Fort Calhoun's upcoming refueling. OPPD and Westinghouse committed to providing additional documentation for material discussed at the meeting. OPPD and Westinghouse have told the staff that they will schedule another meeting if necessary to answer any questions raised by the staff during its review.

ORIGINAL SIGNED BY

Steven D. Bloom, Project Engineer  
Project Directorate IV-1  
Division of Reactor Project III/IV/V  
Office of Nuclear Reactor Regulation

Enclosure:

As stated

cc w/enclosure:

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DF01



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

February 4, 1992

Docket No. 50-285

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A handwritten signature in black ink, appearing to read "Steven D. Bloom".

Steven D. Bloom, Project Engineer  
Project Directorate IV-1  
Division of Reactor Project III/IV/V  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/enclosure:  
See next page

Mr. W. Gary Gates  
Omaha Public Power District

Fort Calhoun Station, Unit No. 1

cc:

Harry H. Voigt, Esq.  
LeBoeuf, Lamb, Leiby & MacRae  
1875 Connecticut Avenue, NW  
Washington, D.C. 20009-5728

Mr. Jack Jensen, Chairman  
Washington County Board  
of Supervisors  
Blair, Nebraska 68008

Mr. Raymond P. Mullikin, Resident Inspector  
U.S. Nuclear Regulatory Commission  
Post Office Box 309  
Fort Calhoun, Nebraska 68023

Mr. Charles B. Brinkman, Manager  
Washington Nuclear Operations  
Combustion Engineering, Inc.  
12300 Twinbrook Parkway, Suite 330  
Rockville, MD 20852

Regional Administrator, Region IV  
U.S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011

Harold Borchert, Director  
Division of Radiological Health  
Nebraska Department of Health  
301 Centennial Mall, South  
Post Office Box 95007  
Lincoln, Nebraska 68509

Mr. T. L. Patterson, Manager  
Fort Calhoun Station  
Post Office Box 399  
Fort Calhoun, Nebraska 68023

Mr. W. Gary Gates, Division Manager  
Nuclear Operations  
Omaha Public Power District  
444 South 16th Street Mall  
Mail Stop 8E/EP 4  
Omaha, Nebraska 68102-2247

Enclosure

MEETING BETWEEN NRC STAFF, OMAHA PUBLIC POWER DISTRICT AND  
WESTINGHOUSE  
FORT CALHOUN STATION, UNIT 1

LARGE AND SMALL BREAK LOCA ANALYSIS METHODS FOR CE NSSS

January 13, 1992

MEETING PARTICIPANTS

<u>NAME</u>	<u>ORGANIZATION</u>
F. Orr	NRR/SRX
S. Bloom	NRR/PDIV-1
K. Holthaus	OPPD
B. Weber	OPPD
T. Therkildsen	OPPD
M. Weber	Westinghouse
S. Rupperecht	Westinghouse
K. Schrade	Westinghouse
T. Timmons	Westinghouse
J. Akers	Westinghouse