



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

NOV 7 1978

Docket No: 50-368

APPLICANT: Arkansas Power and Light Company  
FACILITY: Arkansas Nuclear One - Unit 2  
SUBJECT: SUMMARY OF MEETING ON ENVIRONMENTAL QUALIFICATIONS

On August 4, 1978, members of the NRC staff met with representatives of the Arkansas Power and Light Company (AP&LCo.), Combustion Engineering, Inc. (CE), and Bechtel Power Corporation (Bechtel) in Bethesda, Maryland. The purpose of the meeting was to discuss the adequacy of the basis for environmental qualifications of the ANO-2 Foxboro and Fischer Porter instrument transmitters, located inside containment, with respect to the staff's recently developed position on separate effects versus sequential testing requirements.

The subject staff positions were communicated to AP&LCo. in July, 1978. The position is stated in Section 3.11 Items (9) and (10) of Supplement No. 2, to the SER, which was issued in September, 1978. In brief, the position states that: (a) the separate effects qualification testing previously performed for these components is not acceptable, and (b) the equipment must either be subjected to sequential testing, or must be replaced with equipment which has been acceptably qualified using sequential testing methods.

The information gained in this meeting, in conjunction with the documentation submitted by AP&LCo., provided an adequate basis for the staff to authorize operation of the plant up to, but not including Mode 2 (STARTUP) operations. This is reflected in Amendment No. 1 to the ANO-2 License No. NPF-6.

Subsequent to this meeting, AP&LCo. has submitted additional information reporting the results of sequential testing conducted on the Foxboro transmitters, which shows that they have been acceptably qualified for use in the ANO-2 plant. AP&LCo. also elected to replace the subject Fischer Porter transmitters with Rosemount transmitters, and has provided information which shows that they have been acceptably qualified for use in the ANO-2 plant. Therefore, the condition imposed upon the operation of ANO-2 in License Amendment No. 1 will be addressed in a forthcoming Amendment to License No. NPF-6 to reflect the resolution of this issue.

*Leon B. Engle*  
Leon B. Engle, Project Manager  
Light Water Reactors Branch No. 1  
Division of Project Management

Enclosure: Attendees List

cc: See next page

7811200 378 P

Mr. William Cavanaugh, III

- 2 -

NOV 7 1978

Mr. William Cavanaugh, III  
Executive Director of  
Generation & Construction  
Arkansas Power & Light Company  
P. O. Box 551  
Little Rock, Arkansas 72203

cc: Mr. Daniel H. Williams  
Manager, Licensing  
Arkansas Power & Light Company  
P. O. Box 551  
Little Rock, Arkansas 72203

Philip K. Lyon, Esq.  
House, Holms & Jewell  
1550 Tower Building  
Little Rock, Arkansas 72201

Mr. E. H. Smith, Project Engineer  
Bechtel Power Corporation  
San Francisco, California 94119

Mr. Fred Sernatinger, Project Manager  
Combustion Engineering, Inc.  
1000 Prospect Hill Road  
Windsor, Connecticut 06095

Mr. Charles B. Brinkman, Manager  
Washington Nuclear Operations  
C-E Power Systems  
Combustion Engineering, Inc.  
4853 Cordell Avenue, Suite A-1  
Bethesda, Maryland 20014

ENCLOSURE

MEETING WITH ARKANSAS POWER AND LIGHT COMPANY

AUGUST 4, 1978

ATTENDEES LIST

<u>NAME</u>	<u>ORGANIZATION</u>
R. E. Martin	NRC
S. Anderson	CE
R. Bradshaw	CE
R. Klotz	CE
A. Szukiewicz	NRC
C. F. Miller	NRC
D. H. Williams	AP&L
T. A. Jones	CE
A. T. Karadi	Bechtel
D. A. Vasburg	Bechtel
J. R. Perdue	AP&L
M. O. White	AP&L
J. T. Enos	AP&L
N. A. Moore	AP&L



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

NOV 7 1978

Docket No: 50-368

APPLICANT: Arkansas Power and Light Company  
FACILITY: Arkansas Nuclear One - Unit 2  
SUBJECT: SUMMARY OF MEETING ON ENVIRONMENTAL QUALIFICATIONS

On August 4, 1978, members of the NRC staff met with representatives of the Arkansas Power and Light Company (AP&LCo.), Combustion Engineering, Inc. (CE), and Bechtel Power Corporation (Bechtel) in Bethesda, Maryland. The purpose of the meeting was to discuss the adequacy of the basis for environmental qualifications of the ANO-2 Foxboro and Fischer Porter instrument transmitters, located inside containment, with respect to the staff's recently developed position on separate effects versus sequential testing requirements.

The subject staff positions were communicated to AP&LCo. in July, 1978. The position is stated in Section 3.11 Items (9) and (10) of Supplement No. 2, to the SER, which was issued in September, 1978. In brief, the position states that: (a) the separate effects qualification testing previously performed for these components is not acceptable, and (b) the equipment must either be subjected to sequential testing, or must be replaced with equipment which has been acceptably qualified using sequential testing methods.

The information gained in this meeting, in conjunction with the documentation submitted by AP&LCo., provided an adequate basis for the staff to authorize operation of the plant up to, but not including Mode 2 (STARTUP) operations. This is reflected in Amendment No. 1 to the ANO-2 License No. NPF-6.

Subsequent to this meeting, AP&LCo. has submitted additional information reporting the results of sequential testing conducted on the Foxboro transmitters, which shows that they have been acceptably qualified for use in the ANO-2 plant. AP&LCo. also elected to replace the subject Fischer Porter transmitters with Rosemount transmitters, and has provided information which shows that they have been acceptably qualified for use in the ANO-2 plant. Therefore, the condition imposed upon the operation of ANO-2 in License Amendment No. 1 will be addressed in a forthcoming Amendment to License No. NPF-6 to reflect the resolution of this issue.

*Leon B. Engle*

Leon B. Engle, Project Manager  
Light Water Reactors Branch No. 1  
Division of Project Management

Enclosure: Attendees List

cc: See next page

7811200 378

P