

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

DEC 1 3 1979

DOCKET NOS. STN 50-580 AND STN 50-581

APPLICANTS: OHIO EDISON COMPANY, ET AL

FACILITY: ERIE NUCLEAR PLANT

SUBJECT: SUMMARY OF MEETING HELD ON AUGUST 15, 1978 WITH OHIO EDISON COMPANY

On August 15, 1978 we met with representatives of (1) Ohio Edison Company, (2) Ohio Edison's architect engineers, Gilbert/Commonwealth Companies, for the Erie project (3) the nuclear steam supply system vendor for the Erie project, Babcock & Wilcox and (4) Pickard and Lowe, one of Ohio Edison's consultants. The meeting was held in Bethesda, Maryland and those attending the meeting are listed in the Enclosure.

The purpose of the meeting was to discuss three staff positions taken in the Erie review. The positions were:

- 1. We required that the second feedwater isolation valve in each main feedwater line be classified as Quality Group B.
- We required that when it is necessary to take core samples from 90-day concrete pours, that the average strength of the samples should be equal to or greater than the specified strength.
- 3. We required tornado missile protection for either the main steam lines (outboard of the isolation valves) or the borated water storage tank.

#### Quality Group Classification of Feedwater Isolation Valves

At the beginning of the discussion we reiterated our position that pending the completion of Task Action Plan A-22, "PWR Main Steam Line Break - Core, Reactor Vessel, and Containment Building Response" we would require that the outboard valve be classified as Quality Group B. The applicants stated that the Quality Group B designation for the first valve is based on the criteria for isolation and preventing leakage from containment. The second (outboard) valve was not necessary for containment isolation, but was needed to assure termination of feedwater flow into the containment for a postulated main steam line break. The applicants also stated that (1) they were in the the process of procuring these valves and (2) that with the exception of the added documentation for the Class B valves there probably would not be any differences between the two valves.

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After a caucus by the staff and a determination that the applicants were in the process of procuring these valves, we concluded that pending the completion of Task Action Plan A-22 we would accept the applicants design.

#### Ninety Day Concrete

The representatives of GIL/COM went over the references that had convinced them that cylinders cored from concrete pours would show less strength than that present in the concrete. They stated that ACI-359 recognizes this fact by requiring that cored samples have an average strength equal to or greater than only 85 percent of the specified strength for the concrete.

We stated our concern was centered on the need to provide assurance that the concrete strength was adequate. We recognized that the need for taking a core sample may never arise during construction. Furthermore, we recognized that other non-destructive techniques would be utilized before resorting to tests of core samples. We stated that our position on the core testing could be replaced by the applicants' commitment to provide us with the results of core sample testing for our evaluation. We would then evaluate the results and take whatever action we deemed necessary. The applicants agreed to provide the results of such testing.

#### Tornado Missile Protection

The applicants had not committed to either protect the main steam lines outside of containment or borated water storage tank from postulated tornado missiles. In the meeting the applicants stated the based on preliminary calculations they tought that they could demonst that either the thickness of the main steam piping and the possibly the lower portion of the borated water storage tank were sufficient to preclude damage by tornado missiles. Their analyses would be submitted in mid-September 1978. We stated that if they could show this, we would consider this open issue as resolved.

Dean Tittette

Dean Tibbitts Light Water Reactors Branch No. 2 Divison of Project Management

Enclosure: As stated

cc w/enclosure: See next page

# ENCLOSURE

## ATTENDANCE LIST

### NRC - STAFF

- D. B. Vassallo
- J. Knight
- C. Hofmayer
- R. Lipinski
- F. Rinaldi
- V. Benarcya R. Kırkwood
- F. Rosa
- C. Ferrell
- P. Tam
- L. Bell
- K. Campe
- L. Soffer
- R. Baer
- D. Tibbitts

### PICKARD, LOWE AND GARRICK, INC.

W. Lowe

#### OHIO EDISON COMPANY

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- B. Miller
- J. Hultz

#### GILBERT/COMMONWEALTH ASSOCIATES

- G. Clyde
- J. Legault
- D. Perry
- R. DeLoach
- R. Lang
- W. Kessler

### BABCOCK & WILCOX

- F. McPhatter
- G. Glei

Mr. R. J. McWhorter Vice President Ohio Edison Company 76 South Main Street Akron, Ohio 44308

cc: Mr. B. M. Miller Ohio Edison Company 76 South Main Street Akron, Ohio 44308

> Mr. William Kessler Commonwealth Associates, Inc. 209 East Washington Jackson, Michigan 49201

Gerald Charnoff, Esquire Shaw, Pittman, Potts & Trowbridge 1800 M Street, N. W. Washington, D. C. 20036

Thomas A. Kayuha, Esquire Ohio Edison Company 76 South Main Street Akron, Ohio 44308

Mr. A. H. Lazar Babcock and Wilcox Power Generation Group P. O. Box 1260 Lynchburg, Virginia 24505

Mr. Robert W. Tufts 352 West College Street Oberlin, Ohio 44074

Ms. Evelyn Stebbins 705 Elmwood Road Rocky River, Ohio 44116

Mr. Richard E. Webb 2858 One Hundred Eleventh Street Toledo, Ohic 43611 OFC 1 3 1978

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