

JUN 8 1981

Distribution
Docket File ✓
NRC PDR
Local PDR
ORB 1 File
D. Eisenhut
S. Varga
C. Parrish
D. Chaney
OELD
I&E (3)
NSIC
TERA
ACRS (10)

Docket No. 50-334

Mr. J. J. Carey, Vice President
Duquesne Light Company
Nuclear Division
Post Office Box 4
Shippingport, Pennsylvania 15077



Dear Mr. Carey:

The NRC staff has completed an interim review of the Westinghouse Owners Group submittal for Action Plan item I.C.1, Guidance for the Evaluation and Development of Procedures for Transients and Accidents. We have identified the following deficiencies in the Owners Group proposal:

1. Proposed guidelines do not provide smooth transitions from the event procedures to direct the operator if subsequent multiple or consequential failures occur.
2. The proposed schedule for completing the program does not appear responsive to NUREG-0737, Item I.C.1 and we believe that additional work is necessary.
3. The staff has serious doubts that the full range of initiating events and subsequent failures can be addressed within the proposed event specific framework.

A copy of our letter to the Owners Group is enclosed for your information.

Sincerely,

Original Signed By:

Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing

Enclosure:
As stated

cc: See next page

8107090032 810608
PDR ADOCK 05000344
P PDR

OFFICE	ORB 1	ORB 1				
SURNAME	DChaney/rs	SVarga				
DATE	6/8/81	6/8/81				

Mr. J. J. Carey
Duquesne Light Company

cc: Mr. R. J. Washabaugh, QA Manager
Duquesne Light Company
Quality Assurance Department
Post Office Box 4
Shippingport, Pennsylvania 15077

Mr. J. A. Werling
Station Superintendent
Duquesne Light Company
Beaver Valley Power Station
Post Office Box 4
Shippingport, Pennsylvania 15077

Mr. T. D. Jones, Manager
Nuclear Operations
Duquesne Light Company
Post Office Box 4
Shippingport, Pennsylvania 15077

Mr. F. J. Bissert, Manager
Nuclear Support Services
Duquesne Light Company
Nuclear Division
Post Office Box 4
Shippingport, Pennsylvania 15077

Mr. R. M. Mafrice, Nuclear Engineer
Duquesne Light Company
435 Sixth Avenue
Pittsburgh, Pennsylvania 15219

Mr. R. E. Martin, Nuclear Engineer
Duquesne Light Company
435 Sixth Avenue
Pittsburgh, Pennsylvania 15219

Mr. N. R. Tonet, Manager
Nuclear Engineering
Duquesne Light Company
Nuclear Division
Post Office Box 4
Shippingport, Pennsylvania 15077

Mr. J. D. Sieber, Manager
Nuclear Safety & Licensing
Duquesne Light Company
Nuclear Division
Post Office Box 4
Shippingport, Pennsylvania 15077

Gerald Charnoff, Esquire
Jay E. Silberg, Esquire
Shaw, Pittman, Potts and Trowbridge
1800 M Street, N. W.
Washington, D. C. 20036

Karin Carter, Esquire
Special Assistant Attorney General
Bureau of Administrative Enforcement
5th Floor, Executive House
Harrisburg, Pennsylvania 17120

Mr. Roger Tappan
Stone & Webster Engineering Corporation
P. O. Box 2325
Boston, Massachusetts 02107

Mr. F. Noon
R & D Center
Westinghouse Electric Corporation
Building 7-303
Pittsburgh, Pennsylvania 15230

Marvin Fein
Utility Counsel
City of Pittsburgh
313 City-County Building
Pittsburgh, Pennsylvania 15219

Mr. John A. Levin
Public Utility Commission
P. O. Box 3265
Harrisburg, Pennsylvania 17120

Irwin A. Popowsky, Esquire
Office of Consumer Advocate
1425 Strawberry Square
Harrisburg, Pennsylvania 17120

Charles E. Thomas, Esquire
Thomas and Thomas
212 Locust Street
Box 999
Harrisburg, Pennsylvania 17108

Resident Inspector
U. S. Nuclear Regulatory Commission
Post Office Box 298
Shippingport, Pennsylvania 15077



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

MAY 28 1981

Robert W. Jurgensen, Chairman
Westinghouse Owners Group
American Electric Power Service
Corporation
2 Broadway
New York, New York 10004

Dear Mr. Jurgensen:

In your letter dated March 18, 1981 (06-54), you summarized a meeting held on February 20, 1981 between representatives of the NRC staff, Westinghouse Owners, and Westinghouse Electric Corporation. The purpose of the meeting was to discuss the Westinghouse Owners Group (WOG) activities in response to NUREG-0737, Clarification of TMI Action Plan Requirements, Item I.C.1, Guidance for the Evaluation and Development of Procedures for Transients and Accidents. Following the meeting summary, you requested that the staff acknowledge the acceptability of the program described in the meeting.

As indicated in a meeting with Tom Anderson, of Westinghouse, on April 8, 1981, we have concerns about the acceptability of the WOG program. The last submittal of generic WOG guidelines, including the Inadequate Core Cooling Guidelines, required the operator to diagnose a specific event using the diagnostic procedure included in the guidelines. Subsequent failures were, essentially, addressed by entry into one of the inadequate core cooling guidelines. As indicated in the February meeting and discussed in your letter, the guidelines do not provide smooth transitions from the event procedures to direct the operator if subsequent multiple or consequential failures occur. This leaves the operator with no guidance until entry conditions for the Inadequate Core Cooling Guidelines are reached. Furthermore, the guidelines do not address subsequent reevaluation of plant conditions to ensure that the expected plant response is occurring.

Our second concern is your proposed schedule for completing the program recognizing that development of emergency operating procedures is a dynamic process with no absolute end point. However, we are concerned that continual, major rewriting of emergency operating procedures is a burden on plant operating staffs and confusing to the operators who must relearn the procedures. In the February meeting, WOG representatives indicated that they expect to have the initial development phase of the guidelines completed in July 1981, and would not expect major changes to the guidelines to result from the phases to be completed in January 1982 and July 1982. You also state in your letter that the initial phase will address over 98 percent of the total risk. However, we were also told in the meeting that the guidelines to be submitted in July would probably not differ greatly from those already submitted. Considering our concerns with the existing guidelines, as addressed above, we do not see how the July submittal can be responsive to NUREG-0737, Item I.C.1 without significant change. We believe that additional work is necessary.

dup of

8106170284

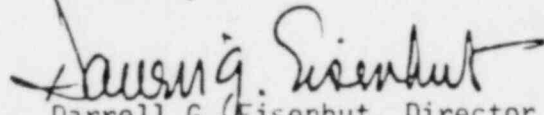
MAY 28 1981

The staff has not completed its review of WCAP 9691 or the probability estimates presented in the February meeting, and the Owners Group has not addressed the broad range of initiating events, including natural phenomena such as earthquakes, in the analysis presented to date. Therefore, we cannot assess the overall adequacy of the proposed program. Unless our concerns, as stated herein, are satisfied, the ability of licensees to meet the schedule for revising their procedures may be compromised.

As indicated in the April 8, 1981 meeting, we have serious doubts that the full range of initiating events and subsequent failures can be addressed within the event specific framework adopted by the Westinghouse Owners Group. If your additional work to date provides more insight into resolution of these concerns, we would be available to meet with you at your convenience.

By copy of this letter, each licensee and applicant of a Westinghouse-type plant, is being advised of our evaluation of your submittal.

Sincerely,



Darrell G. Eisenhut, Director
Division of Licensing

cc: E. Murphy
W Licensees
W Applicants