



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

October 9, 1980

Docket Nos. 50-295
and 50-304

LICENSEE: COMMONWEALTH EDISON COMPANY (CECO)

FACILITY: ZION STATION, UNIT NOS. 1 AND 2

SUBJECT: SUMMARY OF SEPTEMBER 25, 1980 MEETING RELATING TO SCHEDULES FOR ZION TASK ACTION ITEMS AND RELIABILITY STUDY AND INTRODUCTION OF NEW NRC ZION PROJECT MANAGER

Introduction

The meeting was requested by NRC to review schedules for Zion Task Action Items and the Reliability Study. The meeting was also used to introduce the new NRC Zion Station Project Manager being assigned about October 1980. The meeting was held at CECO headquarters in Chicago, Illinois. The list of attendees is attached.

Discussion

Mr. S. Varga (NRC) discussed our concerns with the apparent delays in CECO submittals relating to the Zion Station Reliability Study and Mitigating Features Report. These studies have been delayed beyond the July to August 1980 time frame predicted earlier by CECO. Mr. Varga introduced his staff present at the meeting (E. Reeves, D. Wigginton, and L. Olshan) and advised CECO that Mr. D. Wigginton would become the NRC Zion Station Project Manager in the near future. Also present was Joel Kohler, I&E Resident Inspector for Zion.

Mr. Cordell Reed, Vice President, CECO, then introduced his staff present at the meeting. Mr. W. L. Stiede has recently been appointed as the direct contact for CECO actions relating to the NRC Action Plan dated March 17, 1980. Mr. Stiede then introduced Mr. George Klopp (CECO) for a presentation of current schedules for completion of the combined Zion/Indian Point Study. See Figure 1 "Basic Structure of Zion/Indian Point Study," (attached) which was presented showing Data and Consequence Scenarios, Systems Review and Analyses, and Generic and Plant Data Review Paths to Conclusions and Decisions. At this point, Mr. Varga presented Figure 1 "Update: Approach for Zion/Indian Point Actions" attached, which was prepared by NRC staff as a draft target. Note that the NRC staff had been considering a parallel effort for the Mitigating Features Study and the ZIP Risk Analysis. However, a review of these two figures shows the reasons for NRC concerns and the reason for

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this meeting. CECO advised that the System Fault Trees and Event Trees were near completion at this time.

The current most optimistic estimate of CECO's own schedule which was presented is as follows:

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|--------------------------------|----------|
| (1) Consequences Analysis | 10/10/80 |
| (2) Mitigating Features | 12/17/80 |
| (3) Report Preparation (Final) | 01/02/81 |

The schedule date of January 2, 1981 for final report preparation does not allow for any difficulties or rewrite after review. After discussion of the details of the schedule we believe a date of about February 15, 1981 for submittal of the final report to NRC as more realistic.

However, they are working toward their January date, and CECO agreed to provide certain draft information to NRC (to facilitate faster reviews) on the following approximate schedule:

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|---|----------|
| (1) System Analysis | 10/31/80 |
| (2) Data Packages | 10/06/80 |
| (3) Event Trees (first cut quantification less containment trees) | 11/10/80 |
| (4) Seismic Analysis | 10/20/80 |
| (5) Non-Seismic Special Events Analysis | 10/31/80 |
| (6) Consequence Analysis | 11/15/80 |
| (7) Mitigating Features | 12/08/80 |

It was agreed that a future meeting would be held with NRC (J. Meyers) on Containment Behavior Analysis in early December 1980 following submittal of their draft second cut Containment Analysis to NRC (to be submitted about December 1, 1980) and just prior to completion of their final report. CECO agreed to document their proposed new schedules in the near future.

A discussion of Quality Assurance (reference to NRC letter dated September 23, 1980) questions recently received by CECO was held by Mr. W. Shewski (CECO). Mr. Shewski expressed concern that the answers to Enclosure 1 questions were included in the NRC approved CECO Topical Report CE-1-A. Additionally, Mr. Shewski was specifically concerned about Question 48 relating to ASNI-N45.2.6 referenced in this question. We agreed that a conference call should be initiated at CECO's convenience for a discussion with the NRC Project Manager and NRC Quality Assurance Branch. CECO advised that Enclosure 2 was a problem, however, they advised that Items D and E of Enclosure 2 were no problem.

Mr. T. Tramm (CECO) discussed CECO's letter dated July 25, 1980 relating to a one year delay for certain items relating to Zion Station and other CECO plants. The only items relating to Zion Station were as follows:

- (1) Item 1 - TMI Action Plan item II.K.3.1, Power Operated Relief Valve Automatic Block feature, is being reviewed by owners groups. CECO proposed a three month delay in the report. Scheduled installation would be during February 1982 outage.
- (2) Item 1 - TMI Action Plan Item III.D.3, Control Room Habitability, was discussed. CECO stated Zion Station nearly met the criteria now. However, an air supply to the control room is needed. CECO advised that the modification schedule of January 1983 stated in NRC's September 5, 1980 clarification letter would be met. CECO's report would be the only thing to be a year late.
- (3) Item 2 - Masonry Wall Design. CECO advised that \$5 million per unit is necessary to meet the January 1981 date. However, \$50 million per unit is needed to meet NUREG-0660 requirements.

CECO expressed a desire to get an answer to their July 25, 1980 letter. However, an NRC answer was not requested by the July 25, 1980 CECO letter. Mr. Varga advised that the Assistant Director for Operating Reactors, Mr. Tom Novak, would have further discussions with Mr. Reed of CECO regarding the July 25 letter.

Outstanding licensing actions were discussed as follows:

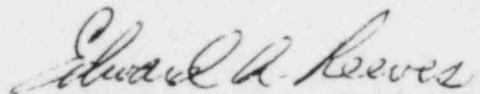
- (1) CECO advised that the LOCA Peaking Factor increase to 2.20 was limiting power output on both Zion Station units. Since this fact is not specifically noted in CECO's previous submittal, CECO agreed to update their docket. NRC agreed to expedite the review.
- (2) CECO advised that their response to the NRC request of July 16, 1980 to upgrade the Zion Station Technical Specifications to Standard Technical Specification (STS) had been delayed. A letter about October 30, 1980 will explain CECO's problems in using the STS wording for Zion Station. CECO considers that their 3-train system design makes the STS not directly applicable to Zion Station. CECO noted that in about one year

October 9, 1980

they would submit to NRC the standard version of the STS as applies to Zion Station. CECO was advised by Ed Reeves, NRC Project Manager for Zion Station, to use the STS wording unless a technical basis exists for word changes. We agreed to set up meetings with STS personnel when the CECO submittal arrives.

CECO questioned the status of NRC approval of Anticipated Transients Without Scram proposal submitted by letter dated July 23, 1980. We advised that our review has been delayed pending the outcome of a paper presented to the NRC Commissioners recently. CECO will be advised if their design proposal will be approved in advance of action anticipated on all reactor plants or if Zion Station will be included with the other reactor plants.

CECO noted that their January 1, 1980 letter relating to TMI post-implementation review modifications has not been answered by NRC. Certain modifications had been made on Unit 2 during the last refueling outage which started May 2, 1980 although post-implementation approval was required by NRC guidance. The systems installed (reactor vessel level indication and reactor vessel vent system) are being kept inoperable pending receipt of NRC approval. Zion Unit 1 may extend the start of the next refueling outage until about February 1, 1981. However, CECO requested design approvals needed to meet this outage schedule. Specifically, CECO requested an answer to the question relating to a safety grade system for Auxiliary Feedflow indication. Zion Station does not have a safety grade design. We agreed to push the review of this item.



Edward A. Reeves, Project Manager
Operating Reactors Branch #1
Division of Licensing

Attachments:
As Stated

cc: w/attachments
See next page

LIST OF ATTENDEES

Commonwealth Edison Company

Terry Rieck
Tom Tramm
G. T. Klopp
W. L. Stiede
Bill Bennett
J. F. Davis
C. Reed
R. F. Naughton
W. J. Shewski*

Westinghouse

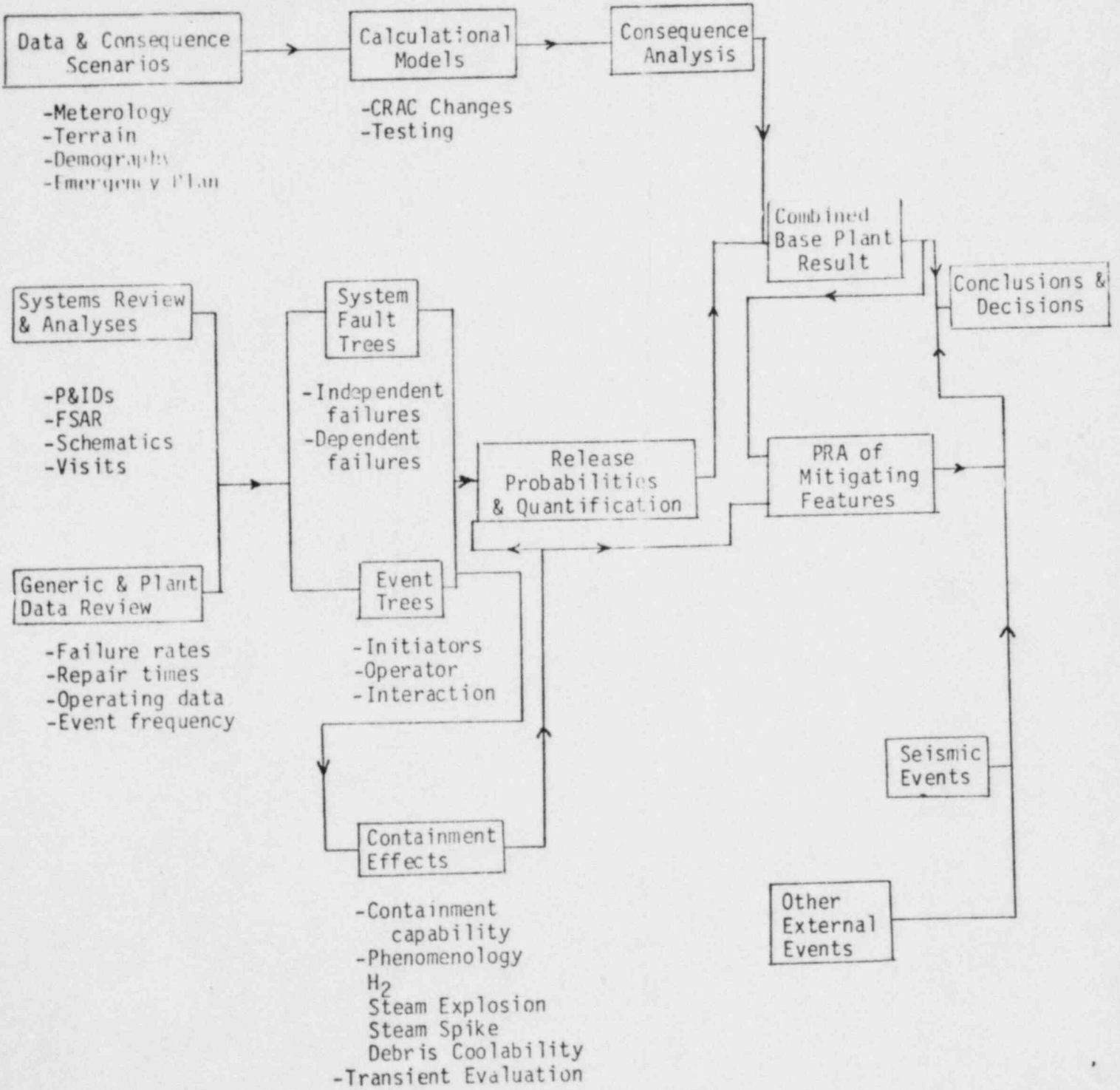
D. K. Goeser
W. E. Koutrev

NRC

E. Reeves
D. Wigginton
L. Olshan
J. Kohler
S. Varga

*Part Time Attendance

BASIC STRUCTURE OF ZION/INDIAN POINT STUDY
(CECO)



POOR ORIGINAL

Figure 1

Docket Files
NRC PDR
Local PDR
NSIC
TERA
ORBI Reading
NRR Reading
H. Denton
E. Case
D. Eisenhut
R. Purple
T. Novak
R. Tedesco
G. Lainas
G. Zech
S. Varga
T. Ippolito
R. Clark
R. Reid
D. Crutchfield
B. J. Youngblood
A. Schwencer
J. Miller
J. Wetmore
B. Grimes
H. Collins
F. Pagano
EPDB, DL
Project Manager
OELD
OSD (3)
S. Showe, I&E
C. Parrish
R. Fraley, ACRS (16)
Principal Staff Participants
Licensee
Short Service List
W. Haas
N. Lauben
R. Satterfield
J. Meyers