

SEP 02 1987

Docket No. 50-412

Duquesne Light Company  
ATTN: Mr. Frank Pavlechko  
Director, Emergency Planning  
P.O. Box 4  
Shippingport, Pennsylvania 15077

Gentlemen:

Subject: Scenario for September 22, 1987 Partial-Participation Emergency Preparedness Exercise at Beaver Valley Power Station

We have reviewed the subject scenario and provide the enclosed comments. Any revisions made to the scenario should be made available prior to the exercise.

Should you have any questions in regard to our review, please contact Craig Gordon at (215) 337-5372.

Sincerely,

Original Signed By:

William J. Lazarus, Chief  
Emergency Preparedness Section  
Division of Radiation Safety  
and Safeguards

Enclosure:  
As stated

bcc w/encl:  
Region I Docket Room (w/concurrences)  
DRP Section Chief  
C. Gordon, EPS  
E. Fox, EPS

*CZG*  
GORDON *efp* LARAZUS *He* BELLAMY *nmh*  
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REVIEW OF SCENARIO PACKAGE FOR BEAVER VALLEY POWER STATION  
PARTIAL-PARTICIPATION EXERCISE - SEPTEMBER 22, 1987

1. EVENTS SUMMARY

- . The written summary (pp. 66-68) appears to provide specific detail of expected player response rather than a general summary of scenario events. Examples include identification of what protective action recommendations should be, specific times of emergency response facility activation, severity of fuel damage, emergency action level triggers, and information when accountability will be completed. Minor deviations from these response actions and times should not affect the progress or outcome of the exercise.
- . At the beginning of the exercise, clarification should be made regarding the information on page 70 whether a Cue Information Sheet will be issued to the Control Room shift. If so, it should also include meteorological data.

2. OFFSITE SEQUENCE OF EVENTS

- . The limited amount of offsite participation should be described which includes who will be notified of each emergency classification and the extent of medical (ambulance and hospital) assistance.

3. CUEING MATERIALS

- . To ensure that Control Room operators begin ramping down power at 2% per minute, a contingency message should be available at approximately 0845.
- . CIS No. 37. Contamination data should not be provided by controllers on request but rather only after the radiation technician follows appropriate frisking procedures.

4. PLANT OPERATIONS

- . Following the lightning strike (0935), the displays on pages 160 and 161 indicate that RCP 1C is off while the data on page 271 show it being on until 0940. These data should be consistent.
- . If the charts on pages 238-240 are intended for player use, the method for presentation of the data should be clarified.

5. IN-PLANT RAD LEVEL

- . Digital Radiation Monitoring System (DRMS) data on pages 388-340 should be presented only upon request.
- . Surface contamination and air sample data are not presented in appropriate units. RWST leak contamination data (p. 393) and resin spill airborne data (p. 394) are presented in calculated units rather than gross counts found on smears or filters.
- . p. 395. Resin spill dose rate at 6 ft. is incorrectly listed as 1330 R/hr. (Correct value is in mR/hr).

6. INJURED PERSON

- . Since the victim's pulse and blood pressure are changing between 0805 and 0910, updated information on vital signs should be available between these times if the players request it.

USNRC-DS

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