

Docket Nos. 50-237/249  
50-254/265

SEP 15 1976

Commonwealth Edison Company  
ATTN: Mr. R. L. Bolger  
Assistant Vice President  
Post Office Box 767  
Chicago, Illinois 60690

Gentlemen:

RE: DRESDEN NUCLEAR POWER STATION UNIT NOS. 2 AND 3  
QUAD CITIES NUCLEAR POWER STATION UNIT NOS. 1 AND 2

DISTRIBUTION

- Docket (4)
- NRC PDR (4)
- Local PDR (2)
- ORB #2 Reading
- KRGoller
- TJCarter
- RDSilver
- WEConverse
- PWO' Connor
- MGrotenhuis
- RMDiggs (2)
- OELD - Karman/Swanson/Treby
- OI&E (3)
- TBAbernathy
- JRBuchanan
- ACRS (16)
- VStello

DRoss  
JGuibert

The NRC staff has completed its review of the preliminary outline of the Mark I Containment Long Term Program (LTP) which was proposed by the Mark I Owner's Group during meetings with the NRC staff on July 7 and August 19, 1976. We have provided our evaluation and recommendations for implementation of the proposed LTP to Mr. D. Galle, Chairman of the Mark I Owner's Group, by letter dated September 14, 1976 (Enclosure 1). Following the submittal of the finalized Mark I Owner's Group LTP Action Plan in September 1976, you will be required to document your commitment to assure completion of the established program with its associated schedule.

Sincerely,

Original Signed by:  
Dennis L. Ziemann, Chief  
Operating Reactors Branch #2  
Division of Operating Reactors

Enclosure:  
Letter from K. R. Goller  
to D. Galle dated  
September 14, 1976

cc w/enclosure:  
See next page

OFFICE	DOR:ORB #2	DOR:ORB #2	DOR:ORB #3	DOR:ORB #2		
SURNAME	RDSilver:ah	PWO' Connor	JGuibert	DLZiemann		
DATE	9/14/76	9/14/76	9/14/76	9/14/76		

Commonwealth Edison Company

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SEP 15 1976

cc w/enclosure:

Mr. Charles Whitmore  
President and Chairman  
Iowa-Illinois Gas and  
Electric Company  
206 East Second Avenue  
Davenport, Iowa 52801

Mr. John W. Rowe  
Isham, Lincoln & Beale  
Counselors at Law  
One First National Plaza, 42nd Floor  
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Anthony Z. Roisman, Esquire  
Roisman, Kessler and Cashdan  
1025 15th Street, N. W., 5th Floor  
Washington, D. C. 20005

Moline Public Library  
504 - 17th Street  
Moline, Illinois 61265

Morris Public Library  
604 Liberty Street  
Morris, Illinois 60451



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

September 14, 1976

Commonwealth Edison Company  
ATTN: Mr. D. Galle, Chairman  
Mark I Owner's Group  
P. O. Box 767  
Chicago, Illinois 60690

Dear Mr. Galle:

The NRC staff has completed its review of the preliminary outline of the Mark I Long Term Evaluation Program (LTP) which was proposed by the Mark I Containment Owner's Group during meetings with the NRC staff on July 7 and August 19, 1976. Based on this review, we have concluded that certain program activities should be accelerated as described below.

First, based upon currently available information on scaling relationships, the NRC staff believes that two-dimensional full scale steam testing will be required in order to adequately define steam condensation loads for the existing downcomer design (straight pipe) and for the pool swell load mitigating device if such a device is selected for future installation in Mark I facilities. The preliminary design evaluation for this test facility should be completed as soon as practicable and should be submitted to the NRC staff no later than November 1, 1976. This information should include, as a minimum, the objectives of the steam testing program and the milestones associated with the construction and shakedown testing of the facility. In order to assure timely completion of the LTP, every attempt should be made to assure that this facility is available for commencement of the steam testing program by December 1977.

Second, small scale testing programs associated with the selection of a pool swell load mitigating device (if necessary) should be accelerated in order to assure that a suitable device is identified by December 1977. This schedule would permit commencement of testing of the chosen device in the large scale steam testing facility at that time.

The NRC staff will continue to evaluate the LTP as it progresses. Our review will be directed towards ensuring the completion of the Mark I LTP in as timely a manner as practicable.

D. Galle

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We are sending a copy of this letter to each Mark I BWR licensee. Following the submittal of the finalized Mark I Owner's Group LTP Action Plan in September 1976, each Mark I BWR licensee will be required to document his commitment to assure completion of the established program with its associated schedule.

Sincerely,

*Karl R. Goller*

Karl R. Goller, Assistant Director  
for Operating Reactors  
Division of Operating Reactors