

UNITED STATES GOVERNMENT

# Memorandum

TO : Roger S. Boyd, Assistant Director, RP/DRL  
 THRU: Charles G. Long, Chief, RPB #3, DRL *all* DATE: JUN 26 1967

FROM : Paul S. Check, Reactor Project Branch No. 3 *Check*  
 Division of Reactor Licensing

SUBJECT: STAFF/APPLICANT MEETING - THREE MILE ISLAND NUCLEAR STATION -  
 DOCKET NO. 50-289

On June 14, 1967, a meeting was held between the Division of Reactor Licensing and the Metropolitan Edison Company and its agents; Babcock & Wilcox, Gilbert Associates, United Engineers and Constructors, and Pickard and Lowe Associates. This was the initial staff/applicant meeting in the matter of Metropolitan Edison's application to construct the Three Mile Island Nuclear Station.

In attendance were:

<u>AEC</u>	<u>MET. ED</u>	<u>B&amp;W</u>
R. S. Boyd	R. E. Neidig	F. R. Thomasson
C. G. Long	G. F. Bierman	R. F. Ryan
B. Grimes	J. S. Bartman	W. B. Beisel
J. Hard	J. G. Miller	R. E. Wascher
M. Fairtile	G. F. Trowbridge	
P. S. Check	J. F. Gutzweiler	

  

<u>Gilbert Assoc.</u>	<u>VE&amp;C</u>	<u>P&amp;LA</u>
S. D. Goodman	A. E. Payne	W. W. Lowe
D. K. Craneberger		
W. H. Traffas		
W. B. Shields		

Babcock & Wilcox made a brief presentation comparing this reactor with the Oconee (Duke) reactors. The reactors are very similar, the only significant differences being in the fuel cycle.

Gilbert Associates outlined the principal design parameters for the pre-stressed containment, citing differences in design and analysis among the Three Mile Island, Oconee and Brookwood containments.

Representatives of DRL then outlined for the applicant those items which would be most likely to receive special consideration during its review. Among these are:

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1. With respect to containment
  - a. design approach
  - b. quality control provisions
  - c. grouted tendons
  - d. instrumentation to determine structural response and long term surveillance
  - e. penetration design
2. Control rod drives
3. Steam generator tests
4. Justification of sodium thiosulfate spray
5. Boiling acid interaction with materials
6. Ability of reactor cavity to accommodate pressure pulses
7. Turbine missile analysis
8. Site hydrology and geology

The staff inquired about Metropolitan Edison's nuclear qualifications and heard of their participation in Saxton. The interaction between organizations was also discussed.

Mr. Long (DRL) concluded the meeting with an outline of the staff's tentative schedule which was identical to the published estimated project schedule. He pointed out that it was an aggressive schedule and that many factors could cause a delay of at least one month.

Distribution:

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 DRL Reading  
 RPB #3 Reading  
 Orig: PSCheck  
 B. Grimes

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