



UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

SEP 12 1972

ENVIRON

D. Muller, Assistant Director for Environmental Projects, L  
RESPONSE TO AGENCY COMMENTS ON THREE MILE ISLAND 1 and 2 .

PLANT NAME: Three Mile Island Units 1 & 2  
LICENSING STAGE: OL  
DOCKET NUMBER: 50-289 and 50-320  
RESPONSIBLE BRANCH: Environmental Projects Branch #3  
REQUESTED COMPLETION DATE: N/A  
APPLICANTS RESPONSE DATE NECESSARY FOR  
NEXT ACTION PLANNED ON PROJECT: N/A  
DESCRIPTION OF RESPONSE: Response to Agency Comments  
REVIEW STATUS: Accident Analysis Branch Review Complete

As requested by the memo from W. Regan to B. Grimes dated August 21, 1972, the agency comments on the Draft Environmental Statement for Three Mile Island have been reviewed with respect to the Plant Accident section. The attached responses were prepared by the Accident Analysis Branch.

H. R. Denton, Assistant Director  
for Site Safety  
Directorate of Licensing

Enclosure  
(As Stated)

cc: w/o enclosure  
A. Giambusso  
W. McDonald

cc: w/enclosure  
S. Hanauer  
J. Hendrie  
R. DeYoung  
W. Gammill  
A. Schwencer  
K. Kniel  
H. Faulkner  
H. Schierling  
J. Youngblood  
W. Regan  
Docket Files ✓

1590 352

7911 130 471 0

1. EPA Comments

In addition to general comments, which do not require a response, EPA had a specific comment on hydrology. As indicated earlier to Mr. Regan, a brief response on this should be obtained from the Site Branch.

2. Interior

No Interior comments have been received to date.

3. Commerce

Commerce commented on meteorological assumptions used in the accident analysis. We suggest the following response be included in Section XII.

"A comment was made that X/Q values and their probabilities should be provided. The meteorological conditions used in the analysis approximate the dispersion conditions which would prevail at least 50% of the time at a typical site. The value used for a short duration release at 610 meters agrees with the applicants value. However, use of alternative meteorological assumptions, such as indicated in the Department of Commerce comment, does not significantly affect the overall environmental risk."

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