



UNITED STATES
ATOMIC ENERGY COMMISSION

WASHINGTON, D.C. 20545

December 11, 1974

Docket No. 50-320

K. Kniel, Chief, Light Water Reactors Branch 2-2, L

STATUS OF APPLICANTS' RESPONSES TO AEC REQUESTS FOR ADDITIONAL
INFORMATION-THREE MILE ISLAND NUCLEAR STATION, UNIT 2

The enclosed tabulations update the status of the applicants' response to our first-round questions and to our acceptance review questions following submittal of Amendment 22.

Certain of the responses to first-round questions as received to-date are incomplete, unresponsive or rely on topical reports which have not been submitted and which presumably will not be submitted by B&W on a time scale compatible with the response schedule which the applicants provided on October 18, 1974. Primary concern lies in the Materials Engineering areas of pressure-temperature limits, fracture toughness limit, vessel material surveillance and pump flywheel integrity. Discussion with the applicants' representatives has not been productive on these items.

A handwritten signature in cursive script, reading "B. W. Washburn", is written over a horizontal line.

B. W. Washburn
Project Manager
Light Water Reactors Branch 2-2
Directorate of Licensing

Enclosures:

1. Status of Applicants' Response to first-round Questions, Supplement 1.
2. Status of Applicants' Response to Additional Information Requirements, Supplement 4.

cc: See attached

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Three Mile Island Nuclear Station, Unit 2

STATUS OF APPLICANTS' RESPONSE TO FIRST-ROUND QUESTIONS-----Supplement 1.
(Following submittal of Amendment 22, 11/19/74)

REQUEST NUMBER	RESPONDING AMENDMENT NUMBER	RESPONSE STATUS/COMMENTS
<u>AUXILIARY & POWER CONVERSION SYSTEMS BRANCH</u>		
02.1	22	Responded
02.2	22	Figure 02.2-5 provided as promised
02.4	22	Responded
02.5	22	Response needs evaluation (Indicates that information was previously included in 3F.1.1f of the FSAR)
02.11	22	Responded
02.14	22	Response did not address the concern of the question
02.34	22	Responded
02.35	22	Responded
02.43	22	Responded
02.44	22	Responded
02.52	22	Responded
02.54	22	Responded
02.55	22	Responded
02.56	22	Responded
02.57	22	Responded
02.59	22	Responded
02.70	22	Responded
02.72	22	Responded
02.73	22	Responded
02.79	22	Responded
02.80(1)	22	Responded
<u>CONTAINMENT SYSTEMS BRANCH</u>		
03.12	22	Responded
03.13	22	Responded

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REQUEST NUMBER	RESPONDING AMENDMENT NUMBER	RESPONSE STATUS/COMMENTS
<u>MECHANICAL ENGINEERING BRANCH</u>		
11.4	22	Responded
11.14	22	Responded
11.17	22	Responded
<u>MATERIALS ENGINEERING BRANCH</u>		
12.9	22	Revised the response submitted in Amendment 21
<u>STRUCTURAL ENGINEERING BRANCH</u>		
13.7	22	Responded
<u>REACTOR SYSTEMS BRANCH</u>		
21.8	22	Responded
21.9	22	Responded
21.10	22	Responded
21.12	22	Responded
21.13	22	Responded
21.16	22	Responded
21.25	22	Revised the response submitted in Amendment 21
21.28	22	Responded
21.30	22	Responded
21.31	22	Responded
21.32	22	See response to Q-9-6 in Amendment 20 (FSAR Section 15.1.8); response not completely adequate
21.33	22	Response indicates that a Reg position is needed
21.36	22	Response needs evaluation; Reg position may be required
21.37	22	Responded
21.38	22	Responded
21.40	22	Responded
21.44	22	See response to Q-9-6 in Amendment 20 (FSAR Section 15.1.8)
21.45	22	Responded

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REQUEST NUMBER	RESPONDING AMENDMENT NUMBER	RESPONSE STATUS/COMMENTS
<u>ELECTRICAL INSTRUMENTATION & CONTROL SYSTEMS BRANCH</u>		
22.3	22	Response incomplete(hydrogen control system is still not designed--see earlier promises)
22.5	22	Responded--may require Reg Position
22.10	22	Responded
22.13	22	Responded
22.20	22	Applicant does not intend to meet the stated RSP requirements
22.23	22	Responded
<u>SITE ANALYSIS BRANCH</u>		
32.1.02	22	Revised the response submitted in Amendment 21
32.1.03	22	Revised the response submitted in Amendment 21
32.2.9	22	Responded
<u>RADIOLOGICAL ASSESSMENT BRANCH</u>		
33.6	22	Responded

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STATUS OF APPLICANTS' RESPONSE TO ADDITIONAL INFORMATION REQUIREMENTS-----
SUPPLEMENT 4 FOLLOWING SUBMITTAL OF AMENDMENT 22 (11/19/74)

REQUEST NUMBER	RESPONDING AMENDMENT NUMBER	RESPONSE STATUS
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<u>OPERATIONAL SAFETY BRANCH</u>		
7-1	22	Resume for TMI-2 superintendent was submitted
<u>ACCIDENT ANALYSIS BRANCH</u>		
12-3	22	Previous response was revised. (Analysis of effects on control room personnel was promised 10/18/74 and this has not been submitted at this time.)

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