

SEP 10 1979

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X

Docket Nos.: ✓ 50-329  
50-330

MEMORANDUM FOR: L. S. Rubenstein, Acting Chief, Light Water Reactors Branch No. 4,  
Division of Project Management

FROM: Walter P. Haass, Chief, Quality Assurance Branch,  
Division of Project Management

SUBJECT: REVIEW OF CHANGES TO CONSUMERS POWER COMPANY'S (CPC) QUALITY  
ASSURANCE PROGRAM FOR DESIGN AND CONSTRUCTION OF MIDLAND PLANT,  
UNIT NOS. 1 & 2

Applicant: Consumers Power Company  
 Licensing Stage: OL  
 Project Manager: D. Hood  
 Responsible Branch: LWR #4  
 Review Status: A. Quality Assurance - CP issued; FSAR under review  
 B. Initial Test Program - Not Applicable  
 C. Conduct of Operations - Not Applicable

We have reviewed the additional quality assurance information as provided through Revision 19, Amendment 61 dated March 27, 1979 for Midland Plant, Unit Nos. 1 & 2. This information consists of various changes to the Bechtel alternatives and interpretations to the regulatory guides and ANSI standards described in the quality assurance program for design and construction in Section 17.1 of the Midland FSAR.

Additional information is required from CPC on Section 17.1. Accordingly, CPC should be requested to satisfy the enclosed request for additional information.

Should you have any questions concerning this review, please contact Bill Belke on extension 27741.

Original signed by  
Walter P. Haass

*Midland*

Walter P. Haass, Chief  
Quality Assurance Branch  
Division of Project Management

Enclosure:  
Request for Additional Information

7910150 079  
X/A

cc w/enclosure: S. Varga	DPM:QAB	DPM:QAB	DPM:QAB	
BURNAB → Hood	WBelke:qt	JGilray	WHaass	
DATE → R. Heishman, RIII	9/14/79	17/79	9/17/79	

Request for Additional Information

1. The Bechtel alternatives described in paragraph 17.1.1.16 for ANSI N45.2.12 Draft 4, Revision 1, November 1974 do not provide a clear commitment of your intent to comply with this standard. We are unable to determine whether these alternatives are in lieu of compliance to ANSI N45.2.12 or supplement the guidance provided by ANSI N45.2.12. Although these alternatives have been accepted in Bechtel Topical Report, BQ-TOP-1, Revision 2-A, 7/77, they alone do not constitute measures for full compliance with ANSI N45.2.12. Therefore, provide a specific description clearly indicating your commitment to ANSI N45.2.12. Any exceptions, alternatives, or clarifications should be specifically identified with sufficient supporting detail to allow for our review and acceptance.
  
2. We have coordinated our review of your revised exceptions for Regulatory Guide 1.94, Rev. 0, 4/75, (endorses N45.2.5-1974) with the Structural Engineering Branch, Division of Systems Safety. Your exceptions to N45.2.5-1974 are acceptable if the correlation criteria are followed as delineated in ANSI N45.2.5-1978, paragraph 6.11. Please indicate whether these criteria will be followed.

SEP 27 1979

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LNR-4 File

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L. Rubenstein

D. Hood

M. Service

X

Docket Nos.: 50-329/330

REGULATORY DOCKET FILE COPY

MEMORANDUM FOR: J. P. Knight, Assistant Director for Engineering,  
Division of Systems Safety

FROM: L. S. Rubenstein, Acting Chief, Light Water Reactors  
Branch No. 4, Division of Project Management

SUBJECT: REQUEST FOR ENGINEERING PRIORITY FOR MIDLAND SOILS  
SETTLEMENT POSITIONS

Your assistance is requested to ensure that staff positions from appropriate engineering branches (Geotechnical, Structural, and Mechanical) are documented in a timely manner relative to the soils settlement matter for Midland 1 and 2.

During an internal staff management meeting on August 16, 1979, you noted that your staff had some questions concerning portions of the applicant's corrective measures, citing in particular analytical details, load combination and more thorough monitoring programs. It was my understanding that staff documentation for these concerns would be available about the end of August 1979. I recognize that staff effort in Engineering since the internal meeting has been directed to obtaining outside assistance for completion of the review, and to resolving the outstanding reviews of higher priority plants. However, I believe that you should also consider the following in assigning your work.

1. The applicant's schedule for corrective actions (see section 6 of applicant's letter of August 10, 1979) indicates the start of significant activities are now underway or soon to start. Such activities without staff feedback are entirely at the applicant's own risk. Nevertheless, timely staff feedback needed at this time can be most significant to the ultimate schedule and solution.
2. The Midland LPM, D. Hood, informs me that the information requests by the staff appear to have been formulated already and that the remaining effort is principally a documentation effort. Certainly, those requests known already which could bear on the outcome should be documented now and forwarded to the applicant. A subsequent request could follow later, if necessary.

7910280-556 M4

OFFICE					
SURNAME					
DATE					

- 3. The time period which has accrued for staff review since the applicant's response on April 24, 1979 to our 10 CFR §50.54(f) requests (and revisions of May 31, 1979; July 9, 1979) and meeting of August 10, 1979.

Please call me if you have any questions regarding this note.

Original signed by:

L. S. Rubenstein, Acting Chief  
 Light Water Reactors Branch No. 4  
 Division of Project Management

- cc: F. Schroeder
- D. Vassallo
- S. Varga
- F. Schauer
- R. Bosnak
- R. Jackson
- L. Hulman

OFFICE	DPM:LWR-4	DPM:LWR-4	DPM:AD/LWR		
SURNAME	DHood/jl	L. Rubenstein	S. Varga		
DATE	9/17/79	9/17/79	9/20/79		

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L. Rubenstein

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OFFICE						
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DATE	9-27-79 162 30546					

J. P. Knight

-2-

SEP 27 1979

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L. S. Rubenstein, Acting Chief  
 Light Water Reactors Branch No. 4  
 Division of Project Management

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- D. Vassallo
- S. Varga
- F. Schauer
- R. Ecsnak
- R. Jackson
- L. Hulman

OFFICE	DPM:LWR-4	DPM:LWR-4	DPM:AD/LWR			
SURNAME	DHood/j1	LRubenstein	SAVarga			
DATE	9/ /79	9/ /79	9/ /79			