

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

JUL. 29 1975

DOCKET NOS: 50-329 AND 50-330

APPLICANT: CONSUMERS POWER COMPANY (CPC)

FACILITY: MIDLAND UNITS 1 AND 2

SUMMARY OF MEETING ON IMPLEMENTATION OF REGULATORY GUIDES

On July 22, 1975 members of the NRC staff met in Bethesda, Maryland with representatives of CPC, Bechtel Associates Professional Corporation (Bechtel) and Babcock & Wilcox Company (B&W) to discuss the implementation of Regulatory Guides at the Midland plant. The attendance list is attached.

CPC reviewed the licensing schedule for Midland 1 and 2. The staff's safety evaluation was issued in 1970 and the Construction Permit was granted in 1972. Submittal of the Final Safety Analysis Report is scheduled for May 1978 and commercial operation will begin in 1981 for Unit 2 and 1982 for Unit 1.

The Midland Nuclear Steam Supply System (NSSS) was designed along with other B&W systems in 1967, 1968 and 1969 and is called an Oconee class system. However, improvements have been made to the Midland design to upgrade it to the Rancho Seco design. Ninety percent of the Midland NSSS has been shipped to the site and 80% of the auxiliary and instrumentation components have been delivered.

Although production of the NSSS has been somewhat delayed, the balance of plant equipment lags even farther behind. Ninety-five percent of the NSSS equipment has been ordered but only fifty percent of the balance of plant equipment has been ordered. Thus the implementation of current regulatory guides may be practicable for a significant portion of the balance of plant equipment but may not be feasible for most of the existing NSSS components.

CPC pointed out that since the staff issued its safety evaluation, many Regulatory Guides have been issued that may be applicable to the Midland plant. Since the Final Safety Analysis Report will not be submitted for almost 3 more years, CPC concluded that the staff's interim review of the implementation of current regulatory guides would be helpful to CPC in finalizing the design of portions of the plant yet to be built. The staff's review would also point out some of the recommendations of the Regulatory Guides that are considered essential for safety and might lead to modification of equipment already under construction.

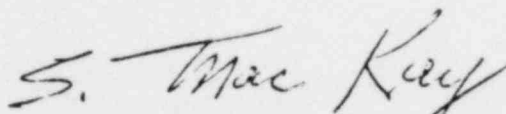
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There was some discussion of a draft staff position on Regulatory Guide conformance for the Midland plant. The draft position indicated that due consideration would be given to the status of design, procurement, and construction of the plant at the time that the guides became available. However, the plant should conform to all Regulatory Guides that predate the staff's safety evaluation of November 12, 1970. Subsequent published guidance that is considered by the staff to be absolutely essential to safety must also be adhered to. Across-the-board conformance will generally be necessary for those guides pertaining to quality assurance, surveillance, and reporting procedures. Other guides need not be conformed to if the affected system and equipment designs have been finalized or fabrication or construction is effectively under way. For designs in process and for which fabrication and construction are pending, the safety significance of the guidance will be assessed and balanced with schedular and cost considerations. CPC indicated concurrence with this position and added that of course they would honor all commitments made in their application, as well as those established during the public hearing.

The scope of the staff's review was discussed. CPC indicated that a review of their implementation of all regulatory guides was not necessary at this time. They were confident that they could fully conform to a number of Regulatory Guides and they did not request the staff's review pertaining to those guides. They did request the staff's review in those areas where only partial conformance was deemed practicable at the present time.

CPC will submit from time to time, by engineering disciplines, their assessment of conformance to particular regulatory guides. This will be reviewed by the staff within a few weeks and discussed in a meeting with the applicant. This will be followed, when appropriate, by the staff's written request for information, the applicant's response, and then issuance of the staff's position with regard to each guide in question. CPC indicated their desire to complete this review in the first quarter of 1976. A detailed schedule will be developed by the staff and the applicant. The first meeting is expected to convene in August.



S. MacKay, Project Manager
Light Water Reactors Branch 2-3
Division of Reactor Licensing

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Attachment:
Attendance List

cc w/encl:
Consumers Power Company
ATTN: Mr. S. H. Howell
Vice President
212 West Michigan Avenue
Jackson, Michigan 49201

Howard J. Vogel, Esquire
Knittle and Vogel
814 Flour Exchange Building
310 Fourth Avenue South
Minneapolis, Minnesota 55415

Myron M. Cherry, Esquire
Jenner and Block
1 IBM Plaza
Chicago, Illinois 60611

Harold F. Reis, Esquire
Lowenstein, Newman, Reis & Axelrad
1025 Connecticut Avenue, N. W.
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Honorable William H. Ward
Assistant Attorney General
Topeka, Kansas 66601

Irving Like, Esquire
Reilly, Like and Schneider
200 West Main Street
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James A. Kendall, Esquire
135 N. Saginaw Road
Midland, Michigan 48640

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ATTACHMENT
ATTENDANCE LIST
MIDLAND 1 & 2
JULY 22, 1975

S. MacKay	NRC/DRL
A. Schwencer	NRC/DRL
W. F. Holub	Bechtel
A. H. Lazar	B&W
G. Keeley	Consumers
H. W. Slager	Midland (QA Administrator)
D. K. Frerichs	B&W
S. Klein	B&W
D. L. Messing	Bechtel
C. E. Mahaney	B&W
R. C. Bauman	Consumers
J. L. Hurley	Bechtel
F. Schroeder	NRC/DTR
R. Heineman	NRC/DTR
D. J. Skovholt	NRC/DRL
J. Slider	NRC/DRL
R. F. Warnick	NRC IE:HQ
T. A. Ippolito	NRC/DTR
M. Kehnemuyi	NRC/DTR
R. Tedesco	NRC/DTR
R. R. Maccary	NRC/DTR