



Consumers
Power
Company

James W Cook
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September 21, 1982

Harold R Denton, Director
Office of Nuclear Reactor Regulation
Division of Licensing
US Nuclear Regulatory Commission
Washington, DC 20555

MIDLAND NUCLEAR COGENERATION PLANT
MIDLAND DOCKET NOS 50-329, 50-330
COOLING POND DIKE INSPECTION
FILE: 0485.16.7, 0485.11, B2.5.6 SERIAL: 18859

Section 2.4.4 and 2.5.6.8 of the Midland SER of May 1982 indicate the Staff's concern over the potential erosion of the cooling pond dike. It is our understanding that the Staff's concern relates specifically to the service water system discharge line which is routed underground (elev 598'-0) and parallel to the northeast dike and to the possible effect that a dike failure could have on this line. While Consumers does not agree that this is a credible concern, we will agree to conduct visual inspections of the grass on the northeast dike section at least twice a year in addition to those periods in which the level of the Tittabawassee River equals or exceeds elevation 614'-0 msl. The two scheduled visual inspections of the grass on the northeast section of the dike will be conducted in the summer and fall and are in addition to the comprehensive inspection of the entire dike system conducted every spring. Furthermore, we will repair bare and/or damaged areas in excess of 9 square feet that are detected during any inspection.

As a matter of interest, it should be noted that the grass seed mixture used on the dike is common to this climate and is typical of a mixture used by the Michigan State Highway Department. We also note that during the four years since the use of this seed mixture on the Midland dike slopes that it has held up extremely well.

In addition to the potential dike erosion concern, Section 2.5.6.8 requests Consumers Power to record and evaluate the results of the dike piezometric readings for comparison with design expectations during plant operation on a regular scheduled basis. The corresponding section of the Midland FSAR, Rev 44, contains a commitment that satisfies this request.

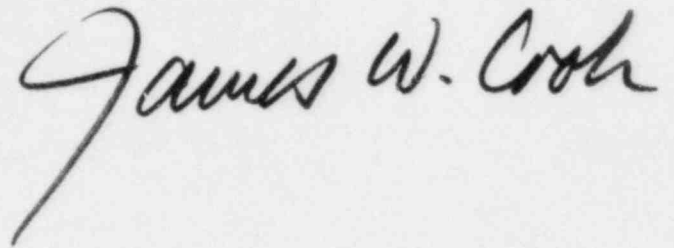
We believe that the information provided in this letter satisfactorily addresses the staff's concerns related to the visual inspection of the cooling

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pond dike grass for the detection of possible erosion. The additional commitments provided herein will be incorporated into a future revision to the Midland FSAR.

A handwritten signature in black ink that reads "James W. Cook". The signature is written in a cursive style with a large, sweeping initial "J".

JWC/RLT/RLO/bjw

CC RGonzales, NRC
RHernan, NRC
RJCook, Midland, NRC
RWHuston, Washington
DBMiller, Midland
DSHood, NRC

BCC RCBauman, P-14-312B
DFLewis, Bechtel, Ann Arbor
DMBudzik, P-24-517A
PJGriffin, P-24-513
TRThiruvengadam, P-14-400
TABuczynski, Midland
NRC Chron File
UFI File

CONSUMERS POWER COMPANY
Midland Units 1 and 2
Docket No 50-329, 50-330

Letter Serial 18859 Dated September 21, 1982

At the request of the Commission and pursuant to the Atomic Energy Act of 1954, and the Energy Reorganization Act of 1974, as amended and the Commission's Rules and Regulations thereunder, Consumers Power Company submits correspondence which addresses the NRC's SEK concerns identified in Sections 2.4.4 and 2.5.6 of NUREG-0793, related to period inspections of the Midland cooling pond dike.

CONSUMERS POWER COMPANY

By J W Cook
J W Cook, Vice President
Projects, Engineering and Construction

Sworn and subscribed before me this 20th day of September, 1982.

Beverly A. Avery Beverly A. Avery
Notary Public
Jackson County, Michigan

My Commission Expires January 1, 1985