



Consumers
Power
Company

James W Cook
Vice President - Projects, Engineering
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April 27, 1982

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

MIDLAND PROJECT
MIDLAND JACKET NOS 50-329, 50-330
AFW SYSTEM RELIABILITY
FILE: 0926 SERIAL: 16872



Reference: (a) J W Cook Letter to H R Denton, Serial 16008, Dated 3/1/82
(b) R L Tedesco Letter to J W Cook, March 26, 1982

CP Co met with the NRC Staff on April 15, 1982 to appeal the Staff requirement for the addition of a third AFW pump (Reference b) and to show that the new NRC guidelines for AFW system unavailability provided in the Standard Review Plan published July 1981 could be met with slight modifications to our existing two pump design (Reference a). At the appeal meeting, the Staff indicated that a third pump was still necessary to reduce system unavailability and thereby provide an additional margin of safety.

CP Co has decided not to pursue the appeal process any further and, based on our understanding with the Staff, commits to add a third non-safety grade motor driven AFW pump to each Midland unit. The new full capacity pump will be powered from a 1E bus, will be located in the turbine building and will have an automatic start feature. It is understood that the Staff has agreed that the pump should be load shed on ECCAS and will be automatically sequenced onto the diesel generator fed 1E bus on loss of offsite power, low level in both SG's, and no ECCAS. In order to enable this new requirement to be carefully and properly engineered, constructed, and integrated with the existing system, the third pump will be installed as a plant modification project after startup and will be completed not later than the end of the second refueling outage for each unit.

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As the detailed design progresses, information will be provided in the FSAR. CP Co believes that, with the commitment made in this letter, the AFW third pump issue is resolved.

James W. Cook

JWC/PEP/fms

CC RJCook, Midland Resident Inspector
RHernan, US NRC
OParr, US NCR
DBMiller, Midland (3)
RWHuston, Washington

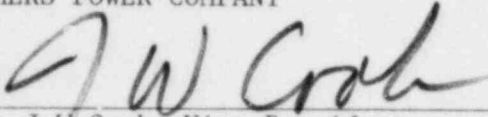
CONSUMERS POWER COMPANY
Midland Units 1 and 2
Docket No 50-329, 50-330

Letter Serial 16872 Dated April 27, 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 our resolution of the third AFW pump issue. We are committing to installing a third pump by the second refueling outage.

CONSUMERS POWER COMPANY

By



J W Cook, Vice President
Projects, Engineering and Construction

Sworn and subscribed before me this 27 day of April, 1982 .



Notary Public
Jackson County, Michigan

My Commission Expires September 8, 1984