



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

Enclosure 2

JUN 08 1978

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Docket Nos. 50-329  
and 50-330

MEMORANDUM FOR: L. G. Hulman, Chief  
Hydrology-Meteorology Branch, DSE

FROM: Terry L. Johnson, Hydraulic Engineer  
Hydrologic Engineering Section  
Hydrology-Meteorology Branch, DSE

THRU: William S. Bivins, Leader *WSB*  
Hydrologic Engineering Section  
Hydrology-Meteorology Branch, DSE

SUBJECT: SITE VISIT - MIDLAND NUCLEAR POWER PLANT

On May 2, 1978 a site visit was taken to Midland Nuclear Power Plant by the NRC staff. After a brief orientation upon arrival at the office, we were given tours of the site area. I viewed the cooling lake, intake structure, Tittabawassee River, flood control dikes, and other features of the site area. Later in the day, I was given a tour of four upstream dams in the Tittabawassee River Basin. The following four dams were visited: (1) Sanford; (2) Secard; (3) Edenville; and (4) Smallwood. These dams had been analyzed in the FSAR to determine the impact of their failure on the Probable Maximum Flood level. The purpose of the inspection was to gather as much information as possible about the dams and assumptions made to assess their failure. The applicant, in response to staff hydrologic engineering questions, indicated that certain information about the dams (such as composition, spillway rating curves, etc.) was not available. We discovered during the site visits that the information was available and that Wolverine Power Company (owner of the dams) had published a pertinent data sheet regarding each of the dams. The applicant stated that the data would be provided in an amendment to the FSAR.

After the dam inspection, the site visit was complete.

*Terry L. Johnson*  
Terry L. Johnson, Hydraulic Engineer  
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L. G. Hulman

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