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MEMORANDUM FOR: Daryl Hood, Project Manager, Light Water Reactors 4, DPM

THRU: Faust Rosa, Chief, Power Systems Branch, DSS

FROM: Om. P. Chopra, Power Systems Branch, DSS

SUBJECT: LIST OF OPEN ITEMS ON MIDLAND 1 AND 2
(DOCKET NOS. 50-329/330)

In accordance with your memorandum dated January 9, 19 , attached is a list of all significant open items on Midland Plant Units 1 and 2 in the Power Systems Branch area of responsibility.

Om P. Chopra
Power Systems Branch
Division of Systems Safety

cc: S. Hanauer
F. Rosa
S. Varga
H. Daniels

OFFICE ▶	DSS:PSB	DSS:PSB				
SURNAME ▶	OChopra:sl	FRosa				
DATE ▶	1/16/79	1/17/79				

POWER SYSTEMS BRANCH

LIST OF OPEN ITEMS FOR
MIDLAND PLANT, UNITS 1 & 2

1. Load Sequencer

The use of a single load sequencer for the connection of emergency safety features loads to the emergency buses when power is being supplied either from offsite or from the diesel generators may violate GDC 17 because of the potential to compromise the independence between onsite and offsite power sources. The applicant has been informed about this and an acceptable response to our request 040.112 is necessary for resolution of this item.

2. Conformance to R.G. 1.108

The applicant presented a alternative design to meet the recommendations of Regulatory Guide 1.108 positions C.2.a(3), C.2.a(4) and C.2.a(6). We have informed the applicant that this is unacceptable and we require full conformance to these positions. The applicant will be required to meet the requirements of these positions of Regulatory Guide 1.108 or provide staff approved alternatives.

3. Diesel Generator Building Settlement

Because of some settlement of the diesel generator building the design of the diesel generator fuel oil lines located under the diesel generator building should be able to withstand the effects

of settlement. Also we are concerned about the methods used for monitoring this condition.

4. Main Steamline Valves

As explained in issue No. 1 of NUREG-0130, valves downstream of the MSLIV could affect the limitation of the blowdown of a second steam generator in the event of a steam line break upstream of the MSLIV. The design of Midland 1 and 2 includes valves for isolation and routing of steam to the Dow Chemical process steam evaporators. Our concerns are related to the satisfactory operation of these valves and also for valves in the various flow paths of Unit 2 (those valves do not have main steam block valves before the turbine stop valves directly in series after the MSLIV's) that branch off between the MSLIV's and turbine stop valves.