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Docket Nos. 50-329/330

Docket

MEMORANDUM FOR: Steven A. Varga, Chief, LWR-4, DPM
FROM: R. Wayne Houston, Chief, Emergency Planning Branch, DPM
SUBJECT: ACCEPTANCE REVIEW - MIDLAND UNITS 1 AND 2

Applicant: Consumers Power Company
Licensing Stage: PRE-OL
Branch & LPM Requesting Assistance: LWR-4, D. Hood
EPB Reviewer: K. G. Murphy

We have reviewed Section 13.3 of the Midland FSAR and other sections applicable to emergency planning. Attached are acceptance review questions resulting from our review.

We consider the existing FSAR material to be reasonably complete. We recommend that the application be accepted provided that the applicant agrees to furnish the requested information within six weeks after the docket date.

[Signature]
R. Wayne Houston

R. Wayne Houston, Chief
Emergency Planning Branch
Division of Project Management

Enclosure:
Acceptance Review Questions

- cc: w/enclosure
- R. Boyd
- R. DeYoung
- M. McDonald
- D. Vassallo
- D. Skovholt
- D. Hood
- K. Murphy

THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

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DATE	9/19/77	9/17/77			

422.0

EMERGENCY PLANNING BRANCH

432.1
(13.3.3)

The emergency plan provides protective action guide levels (PAGs) and describes radiation monitoring equipment that will be used to detect activity releases (p. 13.3-4 and 13.3-29). However, the methods by which the doses (PAGs) are converted into instrument readings (or vice versa) are not discussed. This information is required to satisfy Section IV (C) of Appendix E (10 CFR Part 60). Similar to the methods used to determine action levels for each of the accidents analyzed in Section 13.3.3.3.

432.2
(13.3.3)

The bases for all quantitative analysis reported in the emergency plan should be made available or adequately referenced. For instance, the methods and assumptions used, 1) to construct the dose plots (Figures 100-1, 2 & 3) and 2) to calculate the doses appearing in Section 13.3.3.3 should be provided.

432.3
(13.3.4)

Each of the participating agencies are introduced and discussed separately in Section 13.3.3.4. Included in this section is a list of the names of the agencies, their primary functions, and their organizational charts. The organizational charts do not clearly define the activities and responsibilities of each agency. The information should be provided in a separate section of the report. The organizational charts should be provided in a separate section of the report.

Also include the location (relative to the plant) of the active components of each of the agencies.

432.4
(13.3.5.4)

The basic protective actions of taking cover and evacuation are not sufficiently described. The pre-planned evacuation sectors should be defined. The procedures for informing the public and carrying out the protective action should be described.

432.5
(13.3.7)

With respect to updating of emergency plans, provide a listing of each emergency plan document that is pertinent to the emergency preparedness of the island plant. Indicate who is responsible for keeping each document updated and the parties that must be informed of the changes.

432.6
(Appendix 10B)

A supplement to Figures 13B-4, 5 is required. This supplement should include road network information keyed to the maps that give the characteristic of each major road, all intersections, the number of lanes, whether it is a one-way road, and other factors that may affect vehicular traffic capacities during an emergency.