

DEC 20 1976

Distribution

Docket Nos: 50-329 ✓
and 50-330

Consumers Power Company
ATTN: Mr. S. H. Howell
Vice President
212 West Michigan Avenue
Jackson, Michigan 49201

Gentlemen:

SUBJECT: COMPLIANCE WITH 10 CFR PART 50, APPENDIX K
(MIDLAND PLANT, UNITS 1 AND 2 - ECCS REEVALUATION)

Docket File
NRC PDR
Local PDR
LWR #4 File
SAVarga
R Powell
MService
LCrocker
DEVassallo
FJWilliams
OELD
I&E (3)
KGoller
DRoss
R Rosztoczy

bec: NSIC
TIC
ACRE (16)

During the course of our review of emergency core cooling system (ECCS) evaluation models, we recently determined that the model which you reference in your application does not comply with Section I.C.4.e. of Appendix K to 10 CFR Part 50. The criteria for compliance with Appendix K were established by the NRC staff and were discussed with each reactor vendor.

We have concluded that the ECCS evaluation model which you reference can be corrected with only a small effect on the calculated fuel element peak clad temperature, and have so informed your reactor vendor directly (see Enclosure).

This letter is to inform you that an ECCS model correction and subsequent ECCS reevaluation using that model to demonstrate compliance with Appendix K is necessary and must be submitted with your Final Safety Analysis Report.

This request for generic information was approved by GAO under a blanket clearance number B-180225 (R0072). This clearance expires July 31, 1977.

Sincerely,
Original signed by:

S. A. Varga, Chief
Light Water Reactors Branch No. 4
Division of Project Management

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Enclosure:
Letter from NRC to B&W
(D. Ross to K. Sunke),
dated December 2, 1976

THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

OFFICE →	See Page 2	DPM/LWR #4	DPM/LWR #4		
CC:		R Powell; pav	SAVarga		
BURNNAME →					
DATE →		12/20/76	12/20/76		