

October 18, 1982

Docket No. 50-155
LS05-82-10-054

DISTRIBUTION
Docket
NRC PDR
Local PDR
ORB Reading
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EReeves

Mr. David Vandewalle
Nuclear Licensing Administrator
Consumers Power Company
1945 West Parnall Road
Jackson, Michigan 49201

Dear Mr. Vandewalle:

SUBJECT: BIG ROCK POINT - NUREG-0737 ITEM II.E.4.2 REGARDING CONTAINMENT ISOLATION DEPENDABILITY

We have completed our review of Positions 6 and 7 of NUREG-0737 Item II.E.4.2, "Containment Isolation Dependability," for Big Rock Point. The enclosed Safety Evaluation supports our conclusion that Big Rock Point meets the guidance of II.E.4.2; therefore, TMI Item II.E.4.2 is considered resolved for Big Rock Point.

Sincerely,

Original signed by

Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosure:
As stated

cc w/enclosure:
See next page

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SURNAME	REmch: <i>RE</i>	EReeves <i>ER</i>	DCrutchfield <i>DC</i>				
DATE	10/17/82	10/18/82	10/18/82				

October 18, 1982

cc

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SAFETY EVALUATION REPORT
BIG ROCK POINT PLANT
PURGE/VENT VALVE ISOLATION DEPENDABILITY CRITERIA
(ITEM II.E.4.2(6&7) OF NUREG-0737)

1.0 INTRODUCTION

As a consequence of the accident at TMI-2, implementation of a number of new requirements has been recommended for operating reactors. These new requirements are described in NUREG-0737, "Clarification of TMI Action Plan Requirements," November 1980. The staff has requested licensees to verify that these TMI action plant requirements have been met. This report provides an evaluation of the response to Action Plan Item II.E.4.2, positions 6 & 7 by Consumers Power Company (CPC) for Big Rock Point.

2.0 EVALUATION

Position 6 requires that containment purge/vent isolation valves that do not satisfy the operability criteria set forth in Branch Technical Position CSB 6-4 or the Staff Interim Position of October 23, 1979, must be sealed closed during operating conditions 1, 2, 3 and 4, as defined in SRP 6.2.4, item II.6.f (NUREG-0800). By letter dated October 8, 1980 from DMCrutchfield to DPHoffman, the NRC found CPC's commitments to the Interim Position to be acceptable.

Position 7 requires that containment purge/vent isolation valves must close on a high radiation signal. By letter dated November 24, 1981 from DMCrutchfield to DPHoffman, the NRC found that the containment purge isolation valves close on a high containment radiation signal.

3.0 CONCLUSIONS

Based on our review of the documentation discussed above, we conclude that the guidance of NUREG-0737, Item II.E.4.2, Positions 6 and 7 is met at the Big Rock Point Plant.