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July 18, 1984

Mr. James W. Cook
Vice President
Consumers Power Company
1945 West Parnall Road
Jackson, MI 49201

Mr. J. G. Keppler
Administrator, Region III
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Mr. D. G. Eisenhut
Director, Division of Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Docket Nos. 50-329 OM, OL and 50-330 OM, OL
Midland Nuclear Plant - Units 1 and 2
Independent Design and Construction Verification Program (IDCVP)
Draft Report on the Control Room HVAC System Performance
Requirements

Gentlemen:

Attached is our recently completed draft report on the Control Room Heating, Ventilating, and Air Conditioning (CR-HVAC) System Performance Requirements. This report is the second in a series of design verification topical reports that will collectively document the review process and conclusions. As such, design verification activities are ongoing, and this report represents partial fulfillment of the objectives of the IDCVP. A final report will include an integrated assessment which assimilates the specific topical reports into general conclusions.

The scope addressed in this topical report includes elements of the CR-HVAC system design specifically related to how the primary functional requirements are met (e.g., system operating limits, pneumatic design, pressurization requirements, instrumentation and control, etc.), corresponding to topics listed under section I of the CR-HVAC sample review matrix defined in the IDCVP Engineering Program Plan. A similar topical report will follow, addressing the system performance scope for the standby electric power system. System Protection Features and Structures that House the System (sections II and III of the sample review matrices, respectively) will be addressed in two additional topical reports which will cover these aspects for all three systems.

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Based upon our review and independent confirmatory evaluations, we have concluded that for topical ~~uses~~ within the scope of this report, adequate confidence exists that the CR-HVAC system will perform its intended safety functions.

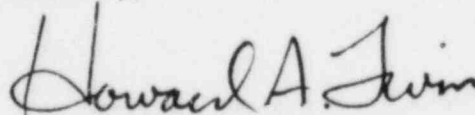
As discussed in Section 5.2 of the report, items noted during the course of this review have raised issues which are currently subject to additional verification. While the safety significance of the noted issues has been assessed relative to topics within the scope of this report, the intent of the ongoing verification activities is to determine whether or not these issues have potential broader implications that may affect other design features of the Midland plant. We will report on the results of these investigations in our final report.

The draft report will be finalized upon receipt of Midland project comments. These comments will be appended in unedited form, and all changes to the body of the report will be appropriately identified.

The above planned activities are, of course, dependent upon Consumers Power Company's actions regarding the future of the Midland project.

Should you desire further clarification of the bases for our conclusions, we would welcome the opportunity for discussion.

Sincerely,



Howard A. Levin
Project Manager
Midland IDCV Program

Enclosure

cc: L. Gibson, CPC
R. Erhardt, CPC
D. Budzik, CPC
D. Quamme, CPC (site)
R. Whitaker, CPC (site)
R. Burg, Bechtel
E. Poser, Bechtel
J. Taylor, NRC, I&E HQ
T. Ankrum, NRC, I&E HQ
J. Milhoan, NRC, I&E HQ
D. Hood, NRC, NRR
J. Agar, B&W
J. Karr, S&W (site)
IDCV Program Service List

HAL/djb

SERVICE LIST FOR MIDLAND INDEPENDENT DESIGN
AND CONSTRUCTION VERIFICATION PROGRAM

cc: Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

James G. Keppler, Regional Administrator
U.S. Nuclear Regulatory Commission,
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

U.S. Nuclear Regulatory Commission
Resident Inspectors Office
Route 7
Midland, Michigan 48640

Mr. J. W. Cook
Vice President
Consumers Power Company
1945 West Parnall Road
Jackson, Michigan 49201

Michael I. Miller, Esq.
Isham, Lincoln & Beale
Three First National Plaza,
51st floor
Chicago, Illinois 60602

James E. Brunner, Esq.
Consumers Power Company
212 West Michigan Avenue
Jackson, Michigan 49201

Ms. Mary Sinclair
5711 Summerset Drive
Midland, Michigan 48640

Cherry & Flynn
Suite 3700
Three First National Plaza
Chicago, Illinois 60602

Ms. Lynne Bernabei
Government Accountability Project
1901 Q Street, NW
Washington, D.C. 20009

Ms. Barbara Stamiris
5795 N. River
Freeland, Michigan 48623

Mr. Wendell Marshall
Route 10
Midland, Michigan 48440

Mr. Steve Gadler
2120 Carter Avenue
St. Paul, Minnesota 55108

Ms. Billie Pirner Garde
Director, Citizens Clinic
for Accountable Government
Government Accountability Project
Institute for Policy Studies
1901 Que Street, N.W.
Washington, D.C. 20009

Charles Bechhoefer, Esq.
Atomic Safety & Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dr. Frederick P. Cowan
Apt. B-125
6125 N. Verde Trail
Boca Raton, Florida 33433

Jerry Harbour, Esq.
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. Ron Callen
Michigan Public Service Commission
6545 Mercantile Way
P.O. Box 30221
Lansing, Michigan 48909

Mr. Paul Rau
Midland Daily News
124 McDonald Street
Midland, Michigan 48640