

April 27, 1984

Docket Nos: 50-329 OM, OL  
and 50-330 OM, OL

MEMORANDUM FOR: Chairman Palladino  
Commissioner Gilinsky  
Commissioner Roberts  
Commissioner Asselstine  
Commissioner Bernthal

FROM: Darrell G. Eisenhut, Director  
Division of Licensing, NRR

SUBJECT: BOARD NOTIFICATION ON LIFTING OF STOP WORK ORDERS  
AND REGION III STAFFING CHANGES ON MIDLAND PLANT  
(BN 84-083)

In accordance with the NRC procedures for Board Notifications, the following information is being provided directly to the Commission for information. This information is applicable only to the Midland Plant, Units 1 and 2. The information is material and relevant to quality assurance/quality control issues before the Licensing Board in the OM-OL hearing. The appropriate Boards and parties are being informed by copy of this memorandum.

Board Notification 83-167, dated October 28, 1983, advised the Licensing Board that Consumers Power Company had issued nine stop work orders following its audit of the design document control system, stopping extensive safety-related activities at the Midland site on October 22, 1983. BN 84-019 dated February 2, 1984, reported the lifting of the stop work order for remedial soils work, and supplemental BN 84-023, dated February 14, 1984, reported the partial lifting of some of the other stop work orders. Enclosure 1 notes that the final stop work order has now been lifted and identifies specific final release dates by the independent third-party overviewer (Stone and Webster) and by the Company. Accordingly, this is the final Board Notification regarding the status of the stop work orders. NRC followup inspections of the Company's Field Change Request/Field Change Notice (FCR/FCN) documentation will be performed later this year and discussed in Region III inspection reports to be provided to the Licensing Board and hearing parties.

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Enclosure 1 also describes (1) a recent Region III organizational change in which the Midland Section of the Office of Special Cases is transferred to the Division of Project and Resident Programs, and (2) increased resources for NRC inspections for the Midland Plant.

Darrell G. Eisenhut, Director  
Division of Licensing

Enclosure:

C. Norelius memo dated 4/9/84

cc: SECY (2)

OPE

OGC

EDO

Parties to the Proceeding

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F. P. Cowan, ASLB

J. Harbour, ASLB

C. Kohl, ASLAB

J. Buck, ASLAB

T. Moore, ASLAB

\*NOTE: SEE PREVIOUS WHITE FOR CONCURRENCE

DL:LB #4  
\*DHood/hmc  
4/19/84

DL:LB #4  
\*EAdensam  
4/20/84

AD:L:DL  
\*TNovak  
4/20/84

DL  
\*RStark  
4/23/84

DL:DL  
DEisenhut  
4/23/84  
26

DISTRIBUTION LIST FOR BOARD NOTIFICATION

Midland Units 1&2,  
Docket Nos. 50-329/330

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- 2 -

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
799 ROOSEVELT ROAD  
GLEN ELLYN, ILLINOIS 60137

APR 9 1984

MEMORANDUM FOR: D. G. Eisenhut, Director, Division of Licensing  
FROM: C. E. Norelius, Director, Division of Project and Resident Programs  
SUBJECT: RECOMMENDATION FOR NOTIFICATION OF LICENSING BOARD - FCR/FCN STOP WORK STATUS AND NRC MIDLAND STAFFING CHANGES

In accordance with present NRC procedures regarding Board notifications, the following information is being provided as constituting new information relevant and material to the Midland OM/OL proceedings.

Design Control Stop Work Status

On January 31, 1984, Region III notified you of the status of the stop work orders regarding the design control (FCR/FCN) problems at Midland. On February 14, 1984, a Supplemental Board Notification (BN 84-023) forwarded this information to the Hearing Board. Following this notification the licensee lifted the remaining stop-works by area engineering discipline. On March 23, 1984, at 7:30 a.m., the final stop work was lifted. Attached you will find a copy of a matrix developed by Consumers Power Company that identifies key dates for various releases including Stone and Webster releases and CPCo final release.

As a result of the design control stop work orders and the resultant review of approximately 60,000 documents by Consumers Power Company, 12 nonconformance reports were issued. Attachment 2 identifies the nonconformance reports issued by number, engineering discipline, and a description of the nonconformance. The licensee has determined that the nonconformances have no significant impact on hardware.

The NRC staff plans to perform an inspection on the FCR/FCN area later this year to review the new design control system, problems identified by the licensee, and corrective actions taken. The Board will be informed of the results of this inspection via a copy of the inspection report when issued. This will complete all required followup action by the NRC.

Dupe

8405020262  
PDR SPP

APR 9 1984

NRC Staffing Status

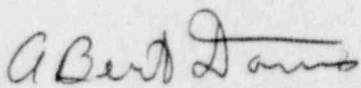
The NRC staff assigned to perform inspections at the Midland facility has been increased this fiscal year. The increase is in accordance with the Region III staffing plan and is due to the backlog of open inspection items and the increased inspection workload associated with the Construction Completion Program.

The NRC now has three resident inspectors located at the Midland site, *and* additional three individuals in the Region III office assigned full time to the Midland project, and three inspection specialists from the Region III Division of Engineering who spend time onsite as needed. Additionally, an NRC Resident Site Supervisor has been selected for Midland and will report to the site in the near future.

NRC is in the process of approving a contract with a national laboratory for assistance with the technical inspection program at Midland, approximately two and one-half man-years of effort. In the interim, two Argonne contract engineers, formerly assigned to Zimmer, have been temporarily assigned to provide inspection assistance at Midland.

With the announced decision by the owners of the Zimmer plant to not complete it as a nuclear facility, Region III dissolved the Zimmer Section and the Office of Special Cases and transferred the Midland Section together with all its people to the Division of Project and Resident Programs (DPRP). The Director of the Office of Special Cases was reassigned as Chief, Projects Branch 1, DPRP, with responsibility for RIII plants under construction, including Midland.

We believe the increased NRC staffing will help to reduce the backlog of open inspection items and will enable RIII to better monitor the ongoing plant activities. The organization changes should have no impact on NRC inspection activities at Midland. No followup actions are required.

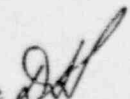
*for*   
C. E. Norelius, Director  
Division of Project and  
Resident Programs

Enclosures: As stated

cc w/encls:  
J. G. Keppler

STOP WORK RELEASE SUMMARY  
STOP WORK ORDERS FSW-33 THROUGH 41

STOP WORK NO.	FSW-33	FSW-34	FSW-35	FSW-36	FSW-37	FSW-38	FSW-39	FSW-40	FSW-41
SUBJECT	HVAC Zack & MPOAD- HVAC Inspection	MPOAD Hanover Reinspect. 01	GEO Construction Testing	Procurement	B&W Fabrication, Installation & Inspection (Utilizing BPCo Spec's & Dwg's.	Soils Q-Related Work Fabrication, Installation, construction & Inspection	Standish Fabrication Facility Fabrication Inspection	GSO Fabrication & Installation; MPOAD Inspection in support of GSO	Balance of Plant Q-related work including CCP Status Assessment & QVP Act.
PARTIAL RELEASE	N/A	N/A	N/A	Ann Arbor Procurements (Only) Verified as not affected 11-3-83 11:20 a.m.	N/A	N/A	N/A	N/A	N/A
PARTIAL RELEASE FOR CM/FCR PROCESSING	12-9-83 6:10 p.m.	12-9-83 6:19 p.m.	12-9-83 6:20 p.m.	12-9-83 6:29 p.m.	12-9-83 6:20 p.m.	12-9-83 6:12 p.m.	12-9-83 6:21 p.m.	12-9-83 6:22 p.m.	12-9-83 6:21 p.m.
STONE & WEBSTER ARCHITECTURAL RELEASE	1-20-84	1-20-84	1-20-84	1-20-84	1-20-84	1-20-84	1-20-84	1-20-84	Dwg only at Station 14 12-11-83 (Verbal)  Dwg & Specs. DCC Stations 14, 48a, b&d & 55 12- 3-83  Print concept @ Station 59 1-20-84

Rev. 2  
3-23-84  
D A Taggart 



STOP WORK NO.	FSW-33	FSW-34	FSW-35	FSW-36	FSW-37	FSW-38	FSW-39	FSW-40	FSW-41
PARTIAL RELEASE FOR Q-RELATED WORK ARCHITECTURAL DOC'S	2-9-84 11:25 a.m. @ Station 59 (FDDC)	1-20-84 11:17 a.m. @ Station 59 (FDDC)	2-9-84 2:48 p.m. @ Station 59 (FDDC)	1-20-84 11:16 a.m. @ Station 59 (FDDC)	2-8-84 3:48 p.m. @ Station 59 (FDDC)	-----	1-20-84 11:15 a.m. @ Station 59 (FDDC) NOTE: Fabrication, Inspection, & related work in support of Soils released via SWO FSW-38	1-20-84 11:18 a.m. @ Station 59 (FDDC)	12-11-83 3:00 p.m. Dwg only @ Station 14  12-13-83 9:15 a.m. Dwg & Spec's DCC Stations 14, 48a,b&d & 55  1-20-84 11:15 a.m. All via work prin & Status Assessment Prin concept @ Station 59 (FDDC)
STONE & WEBSTER CIVIL RELEASE	1-20-84	1-20-84	1-20-84	1-20-84	1-20-84	1-19-84	1-20-84	1-20-84	1-20-84
PARTIAL RELEASE FOR Q-RELATED WORK CIVIL DOC'S	2-9-84 11:25 a.m. @ Station 59 (FDDC)	1-20-84 11:17 a.m. @ Station 59 (FDDC)	2-9-84 2:48 p.m. @ Station 59 (FDDC)	1-20-84 11:16 a.m. @ Station 59 (FDDC)	2-8-84 3:48 p.m. @ Station 59 (FDDC)	1-19-84 9:40 a.m. Soils DCC Stations 8,10,13,24 & 64	1-20-84 11:15 a.m. @ Station 59 NOTE: Fabrication, Inspection, & related work in support of Soils released via SWO FSW-38	1-20-84 11:18 a.m. @ Station 59 (FDDC)	1-20-84 11:15 am
STONE & WEBSTER I & C RELEASE	1-24-84	1-24-84	1-24-84	1-24-84	1-24-84	1-24-84	1-24-84	1-24-84	1-24-84

STOP WORK NO	FSW-33	FSW-34	FSW-35	FSW-36	FSW-37	FSW-39	FSW-39	FSW-40	FSW-41
PARTIAL RELEASE FOR Q-RELATED WORK I&C DOC'S*	2-9-84 11:25 a.m. @ Station 59 (FDD)	1-24-84 12:32 p.m. @ Station 59 (FDDC)	2-9-84 2:48 p.m. @ Station 59 (FDDC)	1-24-84 12:30 p.m. @ Station 59 (FDDC)	2-8-84 3:48 p.m. @ Station 59 (FDDC)	(Soils G Series to support Civil Soils released 1-24-84 @ 11:55 a.m.	1-24-84 12:32 p.m. @ Station 59 (FDDC)	1-24-84 12:33 p.m. @ Station 59 (FDDC)	1-24-84 12:35 a.m.
STONE & WEBSTER ELECTRICAL RELEASE	1-26-84	1-26-84	1-26-84	1-26-84	1-26-84	1-26-84	1-26-84	1-26-84	1-26-84
PARTIAL RELEASE FOR Q-RELATED WORK ELECTRICAL DOC'S.	2-9-84 11:25 a.m. @ Station 59 (FDDC)	1-26-84 2:36 p.m. @ Station 59 (FDDC)	2-9-84 2:48 p.m. @ Station 59 (FDDC)	1-26-84 2:37 p.m. @ Station 59 (FDDC)	2-8-84 3:48 p.m. @ Station 59 (FDDC)	2-6-84 1:20 p.m. Stations 8 & 10	1-26-84 2:38 p.m. @ Station 59 (FDDC)	1-26-84 2:39 p.m. @ Station 59 (FDDC)	1-26-84 2:12 p.m. @ Station 59 (FDDC)
STONE & WEBSTER MECHANICAL RELEASE	2-8-84	2-8-84	2-8-84	2-8-84	2-8-84	2-8-84	2-8-84	2-8-84	2-8-84
PARTIAL RELEASE FOR Q-RELATED WORK MECHANICAL DOC'S	2-9-84 11:25 a.m. @ Station 59 (FDDC)	2-8-84 3:47 p.m. @ Station 59 (FDDC)	2-9-84 2:48 p.m. @ Station 59 (FDDC)	2-8-84 3:47 p.m. @ Station 59 (FDDC)	2-8-84 3:48 p.m. @ Station 59 (FDDC)	3-23-84 7:30 a.m. @ Stations 8 & 10	2-8-84 3:48 p.m. @ Station 59 (FDDC)	2-8-84 3:49 p.m. @ Station 59 (FDDC)	2-8-84 3:45 p.m. @ Station 59 (FDDC)
FINAL COMPLETE RELEASE	2-9-84 11:25 a.m.	2-8-84 3:47 p.m.	2-9-84 2:48 p.m.	2-8-84 3:47 p.m.	2-8-84 3:48 p.m.	Soils Pri- mary re- lease 1-19-84 9:40 a.m.	2-8-84 3:48 p.m.	2-8-84 3:49 p.m.	2-8-84 3:45 p.m.

\*NOTE: G Series documents were included @ I & C Doc's, G-Doc were released in conjunction as when the discipline was released starting 1-24-84.

Rev. 2  
3-23-84  
D A Taggart



Consumer  
Power  
Company

Dean L. Quamme  
Site Manager  
Midland Project

Midland Project: PO Box 1963, Midland, MI 48640 • (517) 631-8650

February 23, 1984

Mr J J Harrison  
Chief, Midland Section  
Region III  
Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, IL 60137

MIDLAND ENERGY CENTER GWO 7020  
NCR'S FROM THE FCR/FCN REVIEW FOR SWO'S  
File: 0505.2      UFI: 03\*05\*06      Serial: CSC-7367  
      0460.3      73\*10\*03  
      0250      99\*04

Per your request, attached is a summary of the NCR's identified as a result of the recent FCR/FCN review.

*DLQ*  
for DLQ/DDJ/klp

cc: JEKarr, CIO  
      RAWells, MPQAD  
      BHPeck, MEC  
      NIREichel, MEC  
      RJCook, NRC Site

Dupe  
~~8405020208~~  
PDR 4pp.

To Distribution (See below)

FROM DAtaggart, Midland

DATE February 21, 1984

SUBJECT MIDLAND ENERGY CENTER PROJECT - IDENTIFIED  
NCR's FROM THE FCR/FCN REVIEW FOR SWO's

CC KJGill, Midland  
PDMilano, Midland  
BMPalmer, Midland

**Consumers  
Power  
Company**

INTERNAL  
CORRESPONDENCE

DATE-21-84

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Attached for your information please find a summary of the NCR's which were identified as a result of the recent FCR/FCN review. Should you have any specific questions regarding these items please feel free to contact Pat Milano.



DISTRIBUTION:

RAWells, Midland  
DLQuamme, Midland  
HPLeonard, Midland  
JKMeisenheimer, Midland  
WRBird, P-14-418A

JLWood, Midland  
GEParker, Midland  
RCSember, Midland  
NReichal, Midland  
DPerry, Midland

NCRs From FCR/FCN Review For SWOs

<u>NCR#</u>	<u>Discipline</u>	<u>Nonconformance</u>
1. C-00913	Mechanical	Penetrations drilled and rebar cut in isolation valve pit wall and Turbine Building wall w/o prior Project approval, as required by Spec C-231.
2. C-00024	I & C	Contrary to note on Drawing J-3150(Q) Instrument Support, 2LT-3976BB2, located 4" east of required location. Tolerance was only $\pm 2"$ .
3. C-00933	Electrical	Wire number change to blue conductor of cable OBB6601B proposed by FCN E-5298. FCN was not clearly disapproved by Project Engineering and thus, the disapproved change was incorporated into Drawing E-900. E-900 calls for wire tag now to be "6". Drawing E-37 identifies wire number as "5G1".
4. C-00934 (Replaced by NCR C-01012)	Electrical	FCN E-5744 revised sizes of terminal boxes 2J1109 and 2J1110 from 30"x20"x8" to 30"x30"x8". However, FCN not attached to Drawing E-46 at time of installation and thus, wrong box size could be installed. NCR C-01012 written on the same problem which superceded this NCR.
5. C-00935	Electrical	Drawing E-791 provides dimensional plans for raceway supports. E-748 provides dimension sections for raceway supports. FCR E-639 was not incorporated into Drawings E-748(Q), Sheets 1 & 2. Dimensions on E-741(Q) do not agree with E-748(Q) sht 1. Proposed connection details on FCR-E-639 for E748, Sh. 2, were disapproved Status of supports indeterminate.
6. H-00133-77	4v11 (HVAC)	FCR C-3638 written against detail 7/C 902 at one specific location. The FCR was dispositioned to be a revision for all locations. However, the FCR was not attached to Drawing C-902.

<u>NCR</u>	<u>Discipline</u>	<u>Nonconformance</u>
7. H-00134-ZZ	Civil (HVAC)	Same as H-00133-ZZ but for different hanger.
8. H-00135-ZZ	Civil (HVAC)	Same as H-00133-ZZ but for different hanger.
9. H-00175-ZZ	Civil (HVAC)	FCN C924 never incorporated into Drawing C-953(Q) as so stated in disposition.
10. H-00176-ZZ	Civil (HVAC)	FCN C-878 never incorporated into Drawing C-935(Q) as so stated in disposition.