

CONSUMERS POWER COMPANY
MIDLAND ENERGY CENTER

DMB

Transmittal No: CSC-7464

Date: March 15, 1984


To: Stone & Webster
P O Box 1963
Midland, MI 48640

Attached Is: ☐ Partial Response To
☒ Complete Response To
☐ For Your Information
☐ Other

PRINCIPAL STAFF			
RA	2	DPRP	
D/RA		DE	
A/RA		DRMSP	
RC		DRMA	
PAO		SCS	
SGA		ML	
ENF		File	

Description:

Tracked Information Item 055.

NIR Signature: 

cc: JGKepler, NRC Region III w/a
JHarrison, NRC Region III w/a
RJCook, NRC Site w/a
RAWells, MPQAD w/a
BHPeck, MEC w/a
NIReichel, MEC w/a
DDJohnson, MEC w/a

8403270029 840315
PDR ADOCK 05000329
S PDR

MAR 22 1984

IE0111

STONE & WEBSTER CONSTRUCTION IMPLEMENTATION OVERVIEW MIDLAND NUCLEAR PLANT J.O. NO. 14509		ITEM NUMBER 055		HOLD POINT NUMBER	
REFERENCE(S) FPG-2.000 / Training Matrix Status Assessment Requirements		<input type="checkbox"/> TRACKED ACTION ITEM			
		<input checked="" type="checkbox"/> TRACKED INFORMATION ITEM			
		<input type="checkbox"/> TRACKED RECOMMENDATION ITEM			
		<input type="checkbox"/> UNTRACKED ITEM			
		<input type="checkbox"/> HOLD POINT NOTIFICATION			
CONDITION DETAILS Clarification is required regarding training requirements for area team #23/24 personnel performing status assessment of raceway completion. Please define appropriate matrix requirements and status of training received by area team #23/24.					
<input type="checkbox"/> YES (PAGE NO.'S) <input checked="" type="checkbox"/> NO					
ATTACHMENTS					
DATE RESPONSE REQ'D. 2-24-84		INITIATOR/DATE J. L. Seely 2-17-84		INITIATION APPROVED/DATE B. W. J. E. Karr 2/17/84	
RESPONSE The attached Bechtel Letter BCCC-9135 dated March 12, 1984 has been reviewed by CPCo SMO and determined to provide a complete response to CIO Item No. 055.					
<input type="checkbox"/> YES (PAGE NO.'S) <input type="checkbox"/> NO					
ATTACHMENTS					
EST. CORRECTIVE ACTION COMPLETION DATE 12/4		RESPONDENT B. W. J. E. Karr		TITLE Course Sept	
				DATE 3-15-84	
RESPONSE ACCEPTED		DATE		RESPONSE VERIFIED/CLOSED	
				DATE	

Bechtel Power Corporation

Post Office Box 2167
Midland, Michigan 48640
March 12, 1984



Consumers Power Company
P.O. Box 1963
Midland, Michigan 48640

Attention: D. L. Quamme
Site Manager

Midland Plant Units 1 & 2
Bechtel Job 7220
STONE & WEBSTER OVERVIEW
ITEM NO. 055
BCCC-9135

Dear Mr. Quamme:

This is Construction's final response to Stone & Webster Overview Item No. 055.

On August 8, 1983, a new section to the Training Matrix (by mark-up of Rev. 1 Area Team Matrix) was prepared to create a section for the transfer of all Raceway responsibilities from Area Teams 23 thru 29 to Raceway Team 24. By direction of the Curricula Committee the Status Assessment information (as shown on the Rev. 1 mark-up) was to be transferred intact from Rev. 1 to Rev. 2 of the Overall Training Matrix for Raceway Teams.

When requirements for Revision 2 were being input into the computer, the wrong list was provided to the computer technician which reflected a higher level of training in some subjects than required by the Curricula Committee.

A 100% re-review was performed by the Training Department for Raceway Teams 23/24 personnel and found all Status Assessment personnel had, in fact, been trained to the increased level as required by the Rev. 2 Matrix. Stone & Webster performed a 100% audit of Teams 23/24 personnel and found no deficiencies.

In addition, the Training Department performed a 100% re-review of all other Status Assessment Groups and found all Status Assessment personnel in these groups trained to the proper level as required by Rev. 2 Matrix.

D.L. Quamme
March 12, 1984
Page 2

Rev. 3 of the Training Matrix has clarified all previous inconsistencies.

Very truly yours,


for G. A. Hierzer
Site Manager

GAH/JER/ajd

cc: N. Reichel

REV-1
7/20/83

ARLA TEAM

ARLA TM. 24 ONLY

TRAINING MATRIX

TO

CONSTRUCTION TRAINING PROGRAM

FPG-2.000

STATUS ASSESSMENT
MARKUP
8/8/83

APPROVED: *[Signature]*

CPCO SITE MANAGEMENT OFFICE

APPROVED: *[Signature]*

PROJECT FIELD ENGR.

APPROVED: *[Signature]*

FIELD CONST. MANAGER

AREA TEAM Z4 ONLY NON MANUAL TECHNICAL TRAINING REQUIREMENTS FOR AREA TEAM TRAINING

DOCUMEN NUMBER	RESP DESC	AREA SUPT & TEAM SUPT	CAE & LEAD FE	IM PLNR	IM FE PLNR	IM FE PLNR	IM FE PLNR	IM FE RCWAY	IM FE MCH	SUPT CIV	QUAL R/P	TEAM LSE	PROC SUPT	S/C SPT	IM FE WELD
* AG C-9-00	GR	2	2	2	2	2	2	2	2	2	2	2	0	0	0
DWG A52	CIV	0	2	0	0	0	0	0	0	0	2	0	0	0	0
DWG A61	CIV	0	2	0	0	0	0	0	0	0	0	0	0	0	0
DWG A72	CIV	1	2	0	0	0	0	2	2	2	2	0	0	0	0
DWG C2061	CIV	0	2	0	0	0	0	2	2	2	2	2	0	2	0
DWG F036	ELEC	0	1	0	0	0	0	5	0	0	0	0	0	0	0
DWG F038	ELEC	0	1	0	0	0	0	5	0	0	0	0	0	0	0
W/F36 ParLs	ELEC	0	1	0	0	0	0	2	0	0	0	0	0	0	0
DWG F039	ELEC	0	1	0	0	0	0	2	0	0	0	0	0	0	0
DWG F041	ELEC	0	1	0	0	0	0	2	0	0	0	0	0	0	0
DWG F042	ELEC	0	1	0	0	0	0	5	0	0	0	0	0	0	0
DWG F046	ELEC	0	1	0	0	0	0	5	0	0	0	0	0	0	0
DWG F047	ELEC	0	1	0	0	0	0	5	0	0	0	0	0	0	0
DWG F701	ELEC	0	1	0	0	0	0	3	0	0	0	0	0	0	0
DWG F702	ELEC	0	1	0	0	0	0	3	0	0	0	0	0	0	0
DWG F703	ELEC	0	1	0	0	0	0	3	0	0	0	0	0	0	0
DWG F704	ELEC	0	1	0	0	0	0	3	0	0	0	0	0	0	0
DWG F706	ELEC	0	0	0	0	0	0	3	0	0	0	0	0	0	0
DWG M354	MCH	0	5	0	0	0	0	0	5	0	0	5	0	1	5
DWG M400's	MCH	0	5	0	0	0	0	0	5	0	0	2	0	1	5
DWG M400	MCH	0	5	0	0	0	0	0	5	0	0	2	0	1	5
DWG M401	MCH	0	5	0	0	0	0	0	5	0	0	2	0	1	5
DWG M402	MCH	0	2	0	0	0	0	0	3	0	0	0	0	0	0
DWG M600's	MCH	0	5	0	0	0	0	0	5	0	0	2	0	1	5
DWG M600's	MCH	0	2	0	0	0	0	0	0	0	0	2	0	0	0
EDP 4.46	PRE	0	2	0	0	0	0	0	0	0	2	2	0	0	0
EDP 4.61	PRE	0	2	0	0	0	0	0	0	0	2	2	0	0	0
FIA 1.210	CIV	2	2	0	0	0	0	0	2	0	0	0	0	0	0

AREA TEAM 24 ONLY

NON MANUAL TECHNICAL TRAINING REQUIREMENTS FOR AREA TEAM TRAINING

DOCUMENT NUMBER	RESP DESC	AREA SUPT & TEAM SUPT	CAE & LEAD FE	TM PLNR	TM FE CIV	TM FE ELEC	TM FE RCWAY	TM FE MECH	SUPT CIV	QUAL REP	TM LSE	PROC SUPT	S/C SPT	TM FE HELD
FIC 2.100	CIV	0	2	0	3	0	0	0	0	0	0	0	0	0
FIC 2.200	CIV	0	2	0	3	0	0	0	0	0	0	0	0	0
FIC 2.300	CIV	0	2	0	0	0	0	0	0	0	0	0	0	0
FIC 2.400	CIV	0	2	0	0	0	0	0	0	3	0	0	0	0
FIC 2.410	CIV	0	2	0	0	0	0	0	0	3	0	0	0	0
FIC 3.100	CIV	0	1	0	0	0	0	0	0	0	0	0	0	0
FIC 3.300	CIV	0	2	0	0	0	0	0	0	1	0	0	0	0
FIC 3.310	CIV	0	2	0	0	0	0	0	0	0	0	0	3	0
FIC 3.320	CIV	1	2	0	2	0	2	0	0	1	0	0	3	0
FIC 3.500	CIV	0	2	0	0	0	0	0	0	0	0	0	0	0
FIC 3.510	GEN	2	2	0	0	0	2	0	0	2	0	0	0	0
FIC 3.800	CIV	0	2	0	0	0	0	0	0	0	0	0	3	0
FIC 3.900	CIV	2	2	0	0	0	0	0	0	2	0	0	0	0
FIC 3.910	CIV	2	2	0	0	0	0	0	0	2	0	0	0	0
FIC 5.100	GEN	0	3	0	0	0	2	0	0	0	0	0	0	3
FIC 7.000	CIV	2	3	0	0	0	2	0	0	2	0	0	0	3
FIC 7.100	CIV	2	3	0	0	0	0	0	0	2	0	0	0	0
FIC 8.110	CIV	0	2	0	0	0	0	0	0	0	0	0	0	0
FID 1.100	GEN	0	2	0	0	0	0	0	0	0	0	0	0	0
FID 1.300	GEN	0	2	0	0	0	1	0	0	0	0	0	0	0
FID 2.100	GEN	0	5	0	0	0	5	0	0	0	0	0	0	2
FIE 3.320	ELEC	0	1	0	0	0	5	0	0	0	0	0	0	0
FIE 6.001	ELEC	0	0	0	0	0	1	0	0	0	0	0	0	0
FIE 9.002	ELEC	2	2	0	0	0	5	0	0	5	0	0	0	0
FIE 9.003	ELEC	0	0	0	0	0	2	0	0	0	0	0	0	0
FIE 9.004	ELEC	0	0	0	0	0	2	0	0	0	0	0	0	0
FIE 9.005	ELEC	0	0	0	0	0	2	0	0	0	0	0	0	0
FIE 9.009	ELEC	0	0	0	0	0	2	0	0	0	0	0	0	0
FIG 1.100	GEN	3	1	0	0	0	5	0	0	0	0	0	0	0
FIG 1.111	GEN	2	5	0	0	0	0	0	0	5	1	0	0	0
FIG 1.210	GEN	0	2	0	0	0	5	0	0	0	0	0	0	0

AREA TEAM 24 ONLY

NON MANUAL TECHNICAL TRAINING REQUIREMENTS FOR
AREA TEAM TRAINING

DOCUMENT NUMBER	RESP DESC	AREA		TM PLNR	IM/EE CIV	IM/EE ELEC	FM FE RCWAY	IM/EE MECH	SUPV CIV	QUAL REL	TM LSE	PROC SUPV	S/C SPT	TM FE WELD
		SUPT & CAE & TEAM LEAD	FE											
FIG 1.300	GEN	2	2	0	0	0	0	0	0	0	0	0	0	0
FIG 1.400	GEN	0	2	0	0	3	3	0	0	0	0	0	0	3
FIG 1.500	GEN	2	2	0	0	3	3	0	0	3	0	0	3	3
FIG 1.510	GEN	2	2	0	0	2	2	0	0	2	2	2	2	2
FIG 1.600	GEN	0	2	0	0	1	1	0	0	0	0	0	0	0
FIG 1.610	GEN	0	3	0	0	0	0	0	0	0	0	0	0	0
FIG 1.800	GEN	0	2	0	0	1	1	0	0	0	0	0	3	0
FIG 2.111	GEN	0	2	0	0	0	0	0	0	3	0	0	0	0
FIG 3.200	GEN	2	2	0	0	2	2	0	0	0	0	0	0	2
FIG 7.410	GEN	2	2	5	0	5	5	0	0	5	3	5	5	5
FIG 8.100	GEN	0	1	0	0	1	1	0	0	0	0	0	0	0
FIG 9.500	GEN	2	0	0	0	0	0	0	0	0	0	0	2	0
FIG 9.600	GEN	2	2	0	0	0	0	0	0	2	0	0	1	0
FIG 9.920	GEN	0	1	0	0	0	0	0	0	0	0	0	0	0
FIM 9.500	GEN	0	2	2	0	0	0	0	0	0	0	0	0	0
FIP 1.201	MECH	0	1	0	0	0	0	0	0	0	0	0	0	0
FIP 4.100	GEN	0	2	0	0	0	0	0	0	0	0	0	0	0
FIS 1.110	GEN	3	0	0	0	0	0	0	0	2	0	0	0	0
FIS 1.120	GEN	2	0	0	0	0	0	0	0	0	0	0	0	0
FIS 1.203	GEN	5	5	5	0	5	5	0	0	5	5	5	5	5
FIS 1.300	GEN	3	0	0	0	0	0	0	0	0	0	0	0	3
FIS 1.400	GEN	0	0	0	0	0	0	0	0	0	0	0	0	0
FIS 1.520	WELD	0	0	0	0	0	0	0	0	0	0	0	0	0
FIS 2.100	GEN	2	2	2	0	2	2	0	0	2	1	2	2	2
FIS 3.100	GEN	3	0	0	0	0	0	0	0	0	0	0	0	0
FIT 1.100	GEN	3	3	3	0	3	3	0	0	3	2	0	3	3
FIF 1.220	MECH	0	2	0	0	0	0	0	0	0	0	0	0	0
FIF 1.230	WELD	0	2	0	0	0	0	0	0	0	0	0	0	2
FIF 1.340	WELD	2	2	0	0	0	0	0	0	0	0	0	0	5
FIF 1.360	WELD	2	2	0	0	0	0	0	0	0	0	0	0	5
FPC 2.000	CIV	0	1	0	0	0	0	0	0	0	0	0	0	0
FPD 1.000	GEN	3	3	0	0	3	3	0	0	3	3	0	3	3
FPD 2.000	GEN	3	5	0	0	5	5	0	0	5	2	0	5	5
FPD 3.000	GEN	3	3	0	0	3	3	0	0	3	3	0	3	3
FPD 5.000	GEN	0	2	0	0	2	2	0	0	2	2	0	2	2

AREA TEAM

24 ONLY

NON-MANUAL TECHNICAL TRAINING REQUIREMENTS FOR AREA TEAM TRAINING

Rev. 1
6/3/8.
Page 4 of 6

DOCUMENT NUMBER	RESP DISC	AREA SUPT & TEAM SUPV	CAE & LEAD FE	TEAM PLNR	TM/FE CYV	TM/FE ELEC	FM FE RCWAY	TM/FE MECH	SUPT CYV	QUAL REP	TEAM LSE	PROC SUPV	S/C SPT	TM FE WELD
FPE 7.200	ELEC	0	0	0	0	2	2	0	0	0	0	0	0	0
* FPE 9.100	ELEC	2	2	0	0	5	5	0	0	0	0	0	0	0
FPE 9.500	GEN	0	2	2	0	0	2	0	0	0	0	0	0	0
* FPE 9.600	ELEC	0	1	0	0	4	5	0	0	0	0	0	0	0
FPE 9.700	ELEC	0	0	0	0	2	2	0	0	0	0	0	0	0
FPG 1.000	GEN	0	2	0	0	0	0	0	0	0	0	0	0	0
* FPG 2.000	GEN	2	2	0	0	0	0	0	0	0	0	0	0	0
* FPG 3.000	GEN	2	2	2	0	2	2	2	2	0	0	0	2	2
FPG 4.100	GEN	0	1	0	0	0	0	0	0	0	1	0	0	0
FPG 7.000	GEN	3	2	0	0	2	2	0	0	0	0	0	3	2
FPG 7.100	GEN	2	0	3	0	0	0	0	0	0	0	0	0	0
* FPG 7.200	GEN	2	2	2	0	2	2	0	0	2	2	2	2	2
* FPG 7.300	GEN	5	5	5	0	5	5	0	0	5	2	0	5	5
* FPG 7.400	GEN	2	2	3	0	3	3	0	0	3	3	3	3	3
* FPG 7.500	GEN	5	5	5	0	3	3	0	0	5	3	0	3	3
FPG 8.000	GEN	2	5	0	0	0	3	0	0	0	0	0	0	0
FPG 8.300	GEN	0	2	0	0	0	1	0	0	0	0	0	0	0
FPG 9.000	GEN	2	2	0	0	0	1	0	0	0	0	2	0	0
FPG 9.700	GEN	2	2	2	0	0	0	0	0	2	2	2	2	2
FPG 9.800	GEN	2	2	1	0	0	0	0	0	0	2	0	0	1
* FPG 9.900	GEN	5	5	5	0	5	2	0	0	5	3	5	5	5
* FPG 9.910	GEN	5	5	5	0	5	5	0	0	5	3	5	5	5
FPM 7.000	MECH	2	2	0	0	0	0	0	0	2	0	0	0	0
FPM 9.200	MECH	0	1	0	0	0	0	0	0	0	0	0	0	0
FPO 1.201	GEN	2	2	0	0	0	0	0	0	2	0	0	0	0
FPO 2.500	GEN	2	2	0	0	0	2	0	0	2	0	0	0	2
FPO 2.200	GEN	2	2	0	0	0	0	0	0	0	2	0	0	0
* FPS 2.000	GEN	5	4	0	0	5	5	0	0	4	0	0	4	4
FPS 3.000	GEN	2	2	2	0	2	2	0	0	2	2	0	0	2
FPS 5.000	GEN	2	2	2	0	2	2	0	0	2	2	0	0	2
FPS 6.000	GEN	2	2	2	0	2	2	0	0	2	2	0	0	2
FPI 1.000	GEN	2	2	2	0	0	0	0	0	0	0	0	0	0
FPT 1.100	GEN	0	0	0	0	0	2	0	0	0	0	0	0	0
FPT 3.000	GEN	4	4	4	0	4	4	0	0	4	2	4	4	4
FPW 3.000	WELD	2	2	0	0	0	0	0	0	0	0	0	0	5
FPW 6.000	WELD	0	2	0	0	0	0	0	0	0	0	0	0	5

AREA TEAM Z4 ONLY

NON MANUAL TECHNICAL TRAINING REQUIREMENTS FOR AREA TEAM TRAINING

DOCUMENT NUMBER	RESP DISC	AREA		TM PLNR	IM/FE CIV	IM/FE ELEC	TM FE RCHAY	IM/FE MECH	SUPT/ CIV	QUAL REP	TM LSE	PROC SUPV	S/C SPT	TM FE WELD
		SUPT & TEAM SUPV	CAE & LEAD FE											
PSP G-3.2	MPQA	5	5	5	5	5	5	5	5	5	5	5	5	5
SPEC A006	CIV	0	2	0	0	0	0	0	0	0	0	0	0	0
SPEC A014	CIV	0	2	0	0	0	0	0	0	0	0	0	0	0
SPEC A020	CIV	1	2	0	0	0	2	0	0	2	0	0	5	0
SPEC A041	CIV	1	2	0	0	0	2	0	0	2	0	0	5	0
SPEC A056	CIV	1	2	0	0	0	2	0	0	2	0	0	0	0
SPEC G003	CIV	0	2	0	0	0	2	0	0	2	0	0	0	0
SPEC G033	GEN	0	2	0	0	0	2	0	0	0	0	0	0	0
SPEC G034	GEN	1	5	0	0	0	5	0	0	5	2	0	5	5
SPEC G231C	CIV	2	3	0	0	0	0	0	0	0	0	0	0	0
SPEC G231G	GEN	0	0	0	0	0	5	0	0	0	0	0	0	0
SPEC G233	CIV	0	5	0	0	0	0	0	0	0	1	0	0	5
SPEC G307	CIV	0	2	0	0	0	3	0	0	0	0	0	0	0
SPEC G027H	GEN	0	0	0	0	0	0	0	0	0	0	0	0	5
SPEC G037	GEN	2	2	0	0	0	0	0	0	0	0	0	0	0
SPEC M214	MECH	0	2	0	0	0	0	0	0	0	0	0	0	0
SPEC C304C	CIV	1	5	0	0	0	0	0	0	0	1	0	0	0
SPEC C304H	CIV	1	3	0	0	0	5	0	0	0	0	0	0	5
SPEC C305	CIV	2	5	0	0	0	5	0	0	0	1	0	5	0
SPEC C306	CIV	2	5	0	0	0	5	0	0	0	1	0	5	0
SPEC G027G	GEN	1	5	0	0	0	5	0	0	0	1	0	0	0
SPEC M205	MECH	0	2	0	0	0	0	0	0	0	0	0	0	5
SPEC M324	MECH	0	2	0	0	0	0	0	0	0	0	0	0	2
SPEC M327	MECH	1	0	0	0	0	0	0	0	0	0	0	0	5
SPEC M339	MECH	1	1	0	0	0	0	0	0	0	0	0	0	5
DWG C140's	GEN	0	1	0	0	0	0	0	0	0	1	0	3	0
DWG C490	CIV	0	1	0	0	0	0	0	0	0	0	0	0	3
DWG C435	CIV	0	1	0	0	0	0	0	0	0	0	0	0	3
DWG C480's	CIV	0	1	0	0	0	0	0	0	0	0	0	0	3
DWG C2060's	GEN	0	2	0	0	0	3	0	0	0	1	0	5	0
DWG M480	MECH	0	5	0	0	0	0	0	0	0	2	0	1	5
DWG M481	MECH	0	5	0	0	0	0	0	0	0	2	0	1	5

AREA TEAM Z4 ONLY

NON MANUAL TECHNICAL TRAINING REQUIREMENTS FOR
AREA TEAM TRAINING

Rev. 1
7/20/03
Page 6 of 6

DOCUMENT NUMBER	RESP DISC	AREA SUPT & TEAM SUPV	CAE & LEAD FE	TM PLNR	TM/FE CTY	TM/FE ELEC	TM FE RCWAY	TM/FE MECH	SUPT EIV	QUAL REP	TM LSE	PROC SUPV	S/C SPT	TM FE WELD
DECH. ORG. GEN & QUAL. ORIENT. (NQAM & DQAF PPM)		4	4	4	4	4	4	4	4	4	4	4	4	4
CCP ORIENT	GEN	4	4	4	4	4	4	4	4	4	4	4	4	4
SAFETY ORIENT	GEN	4	4	4	4	4	4	4	4	4	4	4	4	4