

# Bechtel Associates Professional Corporation

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June 30, 1981

To Whom It May Concern:

Enclosed is a revision to your set(s) of the Piping and Instrumentation Diagrams.

Please remove the superseded diagrams and insert the new ones that are supplied.

If you have any questions, feel free to call L. Hultquist or D. Allred at (313)994-7861.

Thank you,

## MIDLAND 1&amp;2-FSAR

SUPPLEMENTAL REFERENCE DRAWINGSPiping and Instrumentation Diagrams

These drawings are in accordance with Midland's FSAR Revision 25.

<u>Bechtel Dwg No.</u>	<u>FSAR Fig No.</u>	<u>FSAR Figure Title</u>	<u>Rev</u>
M-400 Sh 1	1.1-1	Piping and Instrumentation Diagram Legend	3
M-400 Sh 2	1.1-2	Piping and Instrumentation Diagram Legend	4
M-400 Sh 3	1.1-3	Piping and Instrumentation Diagram Legend	4
M-401A	5.1-1 Sh 1	Reactor Coolant and Pressure Control - Unit 1	3
M-401B	5.1-1 Sh 2	Reactor Coolant and Pressure Control - Unit 1	3
M-402A	5.1-2 Sh 1	Reactor Coolant and Pressure Control - Unit 2	3
M-402B	5.1-2 Sh 2	Reactor Coolant and Pressure Control - Unit 2	3
M-403 Sh 1A	9.3-31 Sh 1	Makeup and Purification - Unit 1	4
M-403 Sh 1B	9.3-31 Sh 2	Makeup and Purification - Unit 2	3
M-403 Sh 2A	9.3-32 Sh 1	Makeup and Purification - Unit 1	3
M-403 Sh 2B	9.3-32 Sh 2	Makeup and Purification - Unit 1	3
M-404 Sh 1A	9.3-33 Sh 1	Makeup and Purification - Unit 2	4
M-404 Sh 1B	9.3-33 Sh 2	Makeup and Purification - Unit 2	3
M-404 Sh 2A	9.3-34 Sh 1	Makeup and Purification - Unit 2	3
M-404 Sh 2B	9.3-34 Sh 2	Makeup and Purification - Unit 2	2

## MIDLAND 1&amp;2-FSAR

Piping and Instrumentation Diagrams (continued)

<u>Bechtel Dwg No.</u>		<u>FSAR Fig No.</u>	<u>FSAR Figure Title</u>	<u>Rev</u>
M-405	Sh A	9.3-40 Sh 1	Reactor Coolant Addition - Units 1 & 2	2
M-405	Sh B	9.3-40 Sh 2	Reactor Coolant Addition - Units 1 & 2	2
M-405	Sh C	9.3-40 Sh 3	Reactor Coolant Addition - Units 1 & 2	1
M-406	Sh 1	9.3-3	Reactor Plant Sample System	5
M-406	Sh 2	9.3-4	Reactor Plant Sample System	5
M-406	Sh 3	9.3-5	Reactor Plant Sample System	5
M-406	Sh 4	9.3-6	Reactor Plant Sample System	5
M-407	Sh 1A	11.2-1 Sh 1	Liquid Waste - Units 1 & 2	1
M-407	Sh 1B	11.2-1 Sh 2	Liquid Waste - Units 1 & 2	2
M-407	Sh 2A	11.2-2 Sh 1	Liquid Waste - Units 1 & 2	1
M-407	Sh 2B	11.2-2 Sh 2	Liquid Waste - Units 1 & 2	1
M-407	Sh 3A	11.2-3 Sh 1	Liquid Waste - Units 1 & 2	1
M-407	Sh 3B	11.2-3 Sh 2	Liquid Waste - Units 1 & 2	1
M-407	Sh 4A	11.2-3A, Sh 1	Radwaste Pump Seal Water System - Units 1 & 2	0
M 407	Sh 4B	11.2-3A, Sh 2	Radwaste Pump Seal Water System - Units 1 & 2	0
M-408	Sh 1	9.3-35	Boron Recovery - Units 1 & 2	10
M-408	Sh 2A	9.3-36 Sh 1	Boron Recovery - Units 1 & 2	1

## MIDLAND 1&amp;2-FSAR

Piping and Instrumentation Diagrams (continued)

Bechtel Dwg No.		FSAR Fig No.	FSAR Figure Title	Rev
M-408	Sh 2B	9.3-36 Sh 2	Boron Recovery - Units 1 & 2	1
M-408	Sh 3A	9.3-37 Sh 1	Boron Recovery - Units 1 & 2	1
M-408	Sh 3B	9.3-37 Sh 2	Boron Recovery - Units 1 & 2	1
M-408	Sh 4A	9.3-38 Sh 1	Boron Recovery - Units 1 & 2	2
M-408	Sh 4B	9.3-38 Sh 2	Boron Recovery - Units 1 & 2	2
M-408	Sh 5	9.3-18	Boron Recovery - Units 1 & 2 Riser Diagram	7
M-408	Sh 6	9.3-19	Boron Recovery - Units 1 & 2 Riser Diagram	7
M-409A		11.2-3 Sh 1	Radwaste Gas - Units 1 & 2	4
M-409B		11.3-2 Sh 2	Radwaste Gas - Units 1 & 2	4
M-410		5.4-10	Decay Heat Removal and Core Flooding - Unit 1	12
M-411		5.4-11	Decay Heat Removal and Core Flooding - Unit 2	12
M-412	Sh A	6.2-51 Sh 1	Reactor Building Spray - Unit 1	3
M-412	Sh B	6.2-51 Sh 2	Reactor Building Spray - Unit 1	5
M-413	Sh A	6.2-52 Sh 1	Reactor Building Spray - Unit 2	2
M-413	Sh B	6.2-52 Sh 2	Reactor Building Spray - Unit 2	4

## MIDLAND 1&amp;2-FSAR

Piping and Instrumentation Diagrams (continued)

<u>Bechtel Dwg No.</u>		<u>FSAR Fig No.</u>	<u>FSAR Figure Title</u>	<u>Rev</u>
M-414	Sh A	9.1-1 Sh 1	Fuel Pool Cooling and Purification	3
M-414	Sh B	9.1-1 Sh 2	Fuel Pool Cooling and Purification	1
M-416	Sh 1A	9.2-7 Sh 1	Component Cooling Water - Unit 1	3
M-416	Sh 1B	9.2-7 Sh 2	Component Cooling Water - Unit 1	3
M-416	Sh 2A	9.2-8 Sh 1	Component Cooling Water - Unit 1	2
M-416	Sh 2B	9.2-8 Sh 2	Component Cooling Water - Unit 1	2
M-417	Sh 1A	9.2-9 Sh 1	Component Cooling Water - Unit 2	3
M-417	Sh 1B	9.2-9 Sh 2	Component Cooling Water - Unit 2	3
M-417	Sh 2A	9.2-10 Sh 1	Component Cooling Water - Unit 2	2
M-417	Sh 2B	9.2-10 Sh 2	Component Cooling Water - Unit 2	2
M-418	Sh A	9.2-2 Sh 1	Service Water Cooling Tower and Pump Structures - Units 1 & 2	2
M-418	Sh B	9.2-2 Sh 2	Service Water Cooling Tower and Pump Structures - Units 1 & 2	2
M-419	Sh A	9.2-3 Sh 1	Service Water Reactor and Auxiliary Building - Units 1 & 2	2
M-419	Sh B	9.2-3 Sh 2	Service Water Reactor and Auxiliary Building - Units 1 & 2	2
M-420	Sh 1A	9.2-4 Sh 1	Service Water Turbine Building - Units 1 & 2	1
M-420	Sh 1B	9.2-4 Sh 2	Service Water Turbine Building - Units 1 & 2	3

## MIDLAND 1&amp;2-FSAR

Piping and Instrumentation Diagrams (continued)

<u>Bechtel Dwg No.</u>		<u>FSAR Fig No.</u>	<u>FSAR Figure Title</u>	<u>Rev</u>
M-420	Sh 2	9.2-5	Service Water Turbine Building - Units 1 & 2	8
M-421	Sh 1	6.8-3	Reactor Building Penetration Pressurization - Unit 1	3
M-421	Sh 2	6.8-4	Reactor Building Penetration Pressurization - Unit 1	2
M-421	Sh 3	6.8-5	Reactor Building Penetration Pressurization - Unit 1	2
M-422	Sh 1	6.8-6	Reactor Building Penetration Pressurization - Unit 2	3
M-422	Sh 2	6.8-7	Reactor Building Penetration Pressurization - Unit 2	2
M-422	Sh 3	6.8-8	Reactor Building Penetration Pressurization - Unit 2	2
M-423		3.9-4	CCW and CRDM Interface - Unit 1	7
M-425	Sh 1	11.4-1	Solid Waste System	5
M-425	Sh 2	11.4-2 Sh 1	Solid Waste System	3
M-425	Sh 3	11.4-2 Sh 2	Solid Waste System	1
M-425	Sh 4	11.4-2 Sh 3	Solid Waste System	2
M-425	Sh 5	11.4-2 Sh 4	Solid Waste System	2
M-426		9.3-39	Boric Acid Evaporator	5
M-427		11.2-4	Liquid Waste Evaporator	5
M-428	Sh A	9.2-11 Sh 1	Makeup Demineralizer	3
M-428	Sh B	9.2-11 Sh 2	Makeup Demineralizer	3

## MIDLAND 1&amp;2-FSAR

Piping and Instrumentation Diagrams (continued)

<u>Bechtel Dwg No.</u>		<u>FSAR Fig No.</u>	<u>FSAR Figure Title</u>	<u>Rev</u>
M-428	Sh C	9.2-11 Sh 3	Makeup Demineralizer	3
M-429	Sh 1	9.3-15	Evaporator Plant Sample System	2
M-429	Sh 2	9.3-16	Evaporator Plant Sample System	2
M-429	Sh 3	9.3-17	Evaporator Plant Sample System	3
M-429	Sh 4	9.3-17A	Evaporator Plant Sample System	2
M-430	Sh 1A	10.4-26 Sh 1	Auxiliary Steam Boiler System	2
M-430	Sh 1B	10.4-26 Sh 2	Auxiliary Steam Boiler System	3
M-430	Sh 2	10.4-27	Auxiliary Steam Boiler System	3
M-430	Sh 3A	10.4-28 Sh 1	Auxiliary Steam Boiler System	1
M-430	Sh 3B	10.4-28 Sh 2	Auxiliary Steam Boiler System	1
M-431	Sh 1A	10.3-1 Sh 1	Main Steam Supply System - Unit 1	2
M-431	Sh 1B	10.3-1 Sh 2	Main Steam Supply System - Unit 1	0
M-431	Sh 2A	10.3-2 Sh 1	Main Steam Supply System - Unit 1	0
M-431	Sh 2B	10.3-2 Sh 2	Main Steam Supply System - Unit 1	0
M-432	Sh 1A	10.3-3 Sh 1	Main Steam Supply System - Unit 2	2
M-432	Sh 1B	10.3-3 Sh 2	Main Steam Supply System - Unit 2	2
M-432	Sh 2A	10.3-4 Sh 1	Main Steam Supply System - Unit 2	1

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Piping and Instrumentation Diagrams (continued)

Bechtel Dwg No.		FSAR Fig No.	FSAR Figure Title	Rev
M-432	Sh 2B	10.3-4 Sh 2	Main Steam Supply System - Unit 2	1
M-433A		10.4-1 Sh 1	Auxiliary Steam System - Unit 1	2
M-433B		10.4-1 Sh 2	Auxiliary Steam System - Unit 1	2
M-434A		10.4-2 Sh 1	Auxiliary Steam System - Unit 2	2
M-434B		10.4-2 Sh 2	Auxiliary Steam System - Unit 2	2
M-436	Sh 1A	10.2-1 Sh 1	Turbine Extraction, Heater Vents and Drains - Unit 1	2
M-436	Sh 1B	10.2-1 Sh 2	Turbine Extraction, Heater Vents and Drains - Unit 1	2
M-436	Sh 2A	10.2-2 Sh 1	Turbine Extraction, Heater Vents and Drains - Unit 1	1
M-436	Sh 2B	10.2-2 Sh 2	Turbine Extraction, Heater Vents and Drains - Unit 1	1
M-437	Sh 1A	10.2-3 Sh 1	Turbine Extraction, Heater Vents and Drains - Unit 2	3
M-437	Sh 1B	10.2-3 Sh 2	Turbine Extraction, Heater Vents and Drains - Unit 2	3
M-437	Sh 2A	10.2-4 Sh 1	Turbine Extraction, Heater Vents and Drains - Unit 2	2
M-437	Sh 2B	10.2-4 Sh 2	Turbine Extraction, Heater Vents and Drains - Unit 2	2
M-438	Sh 1A	10.4-8 Sh 1	Condensate and Feedwater System - Unit 1	3
M-438	Sh 1B	10.4-8 Sh 2	Condensate and Feedwater System - Unit 1	2
M-438	Sh 2A	10.4-9 Sh 1	Condensate and Feedwater System - Unit 1	2



## MIDLAND 1&amp;2-FSAR

Piping and Instrumentation Diagrams (continued)

<u>Bechtel Dwg No.</u>		<u>FSAR Fig No.</u>	<u>FSAR Figure Title</u>	<u>Rev</u>
M-438	Sh 2B	10.4-9 Sh 2	Condensate and Feedwater System - Unit 1	1
M-438	Sh 3A	10.4-10 Sh 1	Condensate and Feedwater System - Unit 1	4
M-438	Sh 3B	10.4-10 Sh 2	Condensate and Feedwater System - Unit 1	5
M-438	Sh 4	10.4-10 Sh 3	Condensate and Feedwater System - Unit 1	2
M-439	Sh 1A	10.4-11 Sh 1	Condensate and Feedwater System - Unit 2	4
M-439	Sh 1B	10.4-11 Sh 2	Condensate and Feedwater System - Unit 2	2
M-439	Sh 2A	10.4-12 Sh 1	Condensate and Feedwater System - Unit 2	3
M-439	Sh 2B	10.4-12 Sh 2	Condensate and Feedwater System - Unit 2	1
M-439	Sh 3A	10.4-13 Sh 1	Condensate and Feedwater System - Unit 2	4
M-439	Sh 3B	10.4-13 Sh 2	Condensate and Feedwater System - Unit 2	5
M-439	Sh 4	10.4-13 Sh 3	Condensate and Feedwater System - Unit 2	2
M-440A		10.4-4 Sh 1	Condensate Demineralizer System - Unit 1	3
M-440B		10.4-4 Sh 2	Condensate Demineralizer System - Unit 1	3
M-441A		10.4-5 Sh 1	Condensate Demineralizer System - Unit 1	1
M-441B		10.4-5 Sh 2	Condensate Demineralizer System - Unit 1	2
M-442A		10.4-6 Sh 1	Condensate Demineralizer System - Unit 2	2

## MIDLAND 1&amp;2-FSAR

Piping and Instrumentation Diagrams (continued)

Bechtel Dwg No.	FSAR Fig No.	FSAR Figure Title	Rev
M-442B	10.4-6 Sh 2	Condensate Demineralizer System - Unit 2	2
M-443A	10.4-7 Sh 1	Condensate Demineralizer System - Unit 2	1
M-443B	10.4-7 Sh 2	Condensate Demineralizer System - Unit 2	3
M-444 Sh A	10.4-25 Sh 1	Feedwater Chemical Addition System	1
M-444 Sh B	10.4-25 Sh 2	Feedwater Chemical Addition System	2
M-445 Sh 1	9.3-7	Steam Plant Sample System	3
M-445 Sh 2	9.3-8	Steam Plant Sample System	3
M-445 Sh 3	9.3-9	Steam Plant Sample System	3
M-445 Sh 4	9.3-10	Steam Plant Sample System	3
M-445 Sh 5	9.3-11	Steam Plant Sample System	3
M-445 Sh 6	9.3-12	Steam Plant Sample System	3
M-445 Sh 7	9.3-13	Steam Plant Sample System	3
M-445 Sh 8	9.3-14	Steam Plant Sample System	3
M-446A	10.4-3 Sh 1	Circulating Demineralizer - Units 1 & 2	3
M-446B	10.4-3 Sh 2	Circulating Demineralizer - Units 1 & 2	3
M-446C	10.4-3 Sh 3	Circulating Demineralizer - Units 1 & 2	1
M-448 Sh 1	9.3-1	Instrument and Service Air	7
M-448 Sh 2	9.3-2	Instrument and Service Air	9
M-449 Sh 1A	9.2-18 Sh 1	Plant Water Storage and Transfer	4

## MIDLAND 1&amp;2-FSAR

Piping and Instrumentation Diagrams (continued)

<u>Bechtel Dwg No.</u>		<u>FSAR Fig No.</u>	<u>FSAR Figure Title</u>	<u>Rev</u>
M-449	Sh 1B	9.2-18 Sh 2	Plant Water Storage and Transfer	3
M-449	Sh 2	9.2-19	Plant Water Storage and Transfer	7
M-452	Sh 1A	9.5-25 Sh 1	Emergency Diesel Engine Oil Storage and Transfer System	3
M-452	Sh 1B	9.5-25 Sh 2	Emergency Diesel Engine Oil Storage and Transfer System	3
M-452	Sh 2	9.5-25 Sh 3	Diesel Fuel Oil Storage and Transfer Yard Lighting Diesel and UPS Facility	0
M-453		9.4-10	HVAC Auxiliary Building Units 1 & 2	7
M-454	Sh 1	9.4-3	HVAC Auxiliary Building Units 1 & 2	6
M-454	Sh 2	9.4-4	HVAC Auxiliary Building Units 1 & 2	4
M-454	Sh 3	9.4-5	HVAC Auxiliary Building Units 1 & 2	5
M-454	Sh 4	9.4-6	HVAC Auxiliary Building Units 1 & 2	3
M-454	Sh 5	9.4-7	HVAC Auxiliary Building Units 1 & 2	6
M-454	Sh 6	9.4-7A	HVAC Auxiliary Building Units 1 & 2	0
M-455	Sh 1	9.4-8	HVAC Turbine Building Unit 1	3
M-455	Sh 2	9.4-9	HVAC Turbine Building Unit 2	3
M-456	Sh 1A	9.4-13 Sh 1	Plant Heating Turbine Building	2
M-456	Sh 1B	9.4-13 Sh 2	Plant Heating Turbine Building	0
M-456	Sh 1C	9.4-13 Sh 3	Plant Heating Turbine Building	0
M-456	Sh 2A	9.4-14 Sh 1	Plant Heating Turbine Building	2
M-456	Sh 2B	9.4-14 Sh 2	Plant Heating Turbine Building	2

## MIDLAND 1&amp;2- FSAR

Piping and Instrumentation Diagrams (continued)

<u>Bechtel Dwg No.</u>		<u>FSAR Fig No.</u>	<u>FSAR Figure Title</u>	<u>Rev</u>
M-456	Sh 3A	9.4-15 Sh 1	Plant Heating Office and Service Buildings	2
M-456	Sh 3B	9.4-15 Sh 2	Plant Heating Office and Service Buildings	1
M-456	Sh 4	9.4-16	Plant Heating Miscellaneous Structures	4
M-457	Sh 1A	9.2-20 Sh 1	Chilled Water Auxiliary Building	1
M-457	Sh 1B	9.2-20 Sh 2	Chilled Water Auxiliary Building	1
M-457	Sh 2A	9.2-2 Sh 1	Chilled Water Safeguard Equipment Unit 2	4
M-457	Sh 2B	9.2-2 Sh 2	Chilled Water Safeguard Equipment Unit 2	3
M-457	Sh 3A	9.2-25 Sh 1	Chilled Water Safeguard Equipment Unit 2	3
M-457	Sh 3B	9.2-25 Sh 2	Chilled Water Safeguard Equipment Unit 2	4
M-457	Sh 4A	9.2-21 Sh 1	Chilled Water Turbine Building Unit 1	1
M-457	Sh 4B	9.2-21 Sh 2	Chilled Water Turbine Building Unit 1	0
M-457	Sh 5A	9.2-22 Sh 1	Chilled Water Turbine Building Unit 2	2
M-457	Sh 5B	9.2-22 Sh 2	Chilled Water Turbine Building Unit 2	0
M-457	Sh 6	9.2-23	Chilled Water Office and Service Buildings	6
M-458	Sh 1A	9A-30 Sh 1	Fire Protection	2
M-458	Sh 1B	9A-30 Sh 2	Fire Protection	3

## MIDLAND 1&amp;2-FSAR

Piping and Instrumentation Diagrams (continued)

<u>Bechtel Dwg No.</u>		<u>FSAR Fig No.</u>	<u>FSAR Figure Title</u>	<u>Rev</u>
M-458	Sh 1C	9A-30 Sh 3	Fire Protection	3
M-458	Sh 2	9A-30 Sh 4	Fire Protection	3
M-459	Sh 1A	9.2-12 Sh 1	Domestic Water	2
M-459	Sh 1B	9.2-12 Sh 2	Domestic Water	2
M-459	Sh 2	9.2-12 Sh 3	Domestic Water	5
M-459	Sh 3	9.2-12 Sh 4	Domestic Water	4
M-460	Sh 1	10.4-20	Process Steam, Supply and Return System	6
M-460	Sh 2A	10.4-21 Sh 1	Process Steam, Supply and Return System	1
M-460	Sh 2B	10.4-21 Sh 2	Process Steam, Supply and Return System	2
M-460	Sh 3A	10.4-22 Sh 1	Process Steam, Supply and Return System	2
M-460	Sh 3B	10.4-22 Sh 2	Process Steam, Supply and Return System	1
M-460	Sh 4	10.4-22A	Process Steam, Supply and Return System	4
M-461	Sh 1A	10.4-14 Sh 1	Process Steam Evaporator System	2
M-461	Sh 1B	10.4-14 Sh 2	Process Steam Evaporator System	1
M-461	Sh 2A	10.4-15 Sh 1	Process Steam Evaporator System	3
M-461	Sh 2B	10.4-15 Sh 2	Process Steam Evaporator System	2

## MIDLAND 1&amp;2-FSAR

Piping and Instrumentation Diagrams (continued)

Bechtel Dwg No.		FSAR Fig No.	FSAR Figure Title	Rev
M-461	Sh 2C	10.4-15, Sh 3	Process Steam Evaporator System	0
M-461	Sh 3A	10.4-16 Sh 1	Process Steam Evaporator System	2
M-461	Sh 3B	10.4-16 Sh 2	Process Steam Evaporator System	1
M-461	Sh 4A	10.4-17 Sh 1	Process Steam Evaporator System	1
M-461	Sh 4B	10.4-17 Sh 2	Process Steam Evaporator System	1
M-461	Sh 5A	10.4-18 Sh 1	Process Steam Evaporator System	1
M-461	Sh 5B	10.4-18 Sh 2	Process Steam Evaporator System	2
M-461	Sh 6	10.4-19	Process Steam Evaporator System	5
M-461	Sh 7	10.4-19 Sh 1	Process Steam Evaporator System	4
M-461	Sh 8	10.4-19 Sh 2	Process Steam Evaporator System	2
M-462		9.4-10A	HVAC - Reactor Building	7
M-463	Sh 1A	9.3-41 Sh 1	Miscellaneous Gas System Hydrogen Supply	3
M-463	Sh 1B	9.3-41 Sh 2	Miscellaneous Gas System Hydrogen Supply	3
M-463	Sh 2A	9.3-43 Sh 1	Miscellaneous Gas System Carbon Dioxide Supply	2
M-463	Sh 2B	9.3-43 Sh 2	Miscellaneous Gas System Carbon Dioxide Supply	2
M-463	Sh 3	9.3-42	Miscellaneous Gas System Nitrogen Supply	3
M-464		10.4-24	Cooling Pond Blowdown and Makeup System	6

## MIDLAND 1&amp;2-FSAR

Piping and Instrumentation Diagrams (continued)

<u>Bechtel Dwg No.</u>		<u>FSAR Fig No.</u>	<u>FSAR Figure Title</u>	<u>Rev</u>
M-465	Sh 1	9.4-1	HVAC-Control Room-Battery Room-Switchgear and Cable Spreading Room	5
M-465	Sh 2	9.4-2	HVAC-Control Room-Battery Room-Switchgear and Cable Spreading Room	5
M-466		9.4-12	HVAC Access Control and Computer Area	6
M-467	Sh 1	9.4-17	HVAC Office and Service Buildings	1
M-467	Sh 2	9.4-18	HVAC Office and Service Buildings	1
M-467	Sh 3	9.4-18A	HVAC Office and Service Buildings	1
M-468	Sh 1	9.4-11	HVAC Diesel Generator Building and Service Water Pump Structure	3
M-468	Sh 2	9.4-20	Miscellaneous Structures HVAC	2
M-468	Sh 3A	9.4-19 Sh 1	Miscellaneous Building HVAC System Evaporator and Auxiliary Boiler Building	1
M-468	Sh 3B	9.4-19 Sh 2	Miscellaneous Building HVAC System Evaporator and Auxiliary Boiler Building	1
M-468	Sh 4	9.4-21	Miscellaneous Structure HVAC (Guard House)	2
M-468	Sh 5	9.4-22	Miscellaneous Structures HVAC	2
M-468	Sh 6	9.4-22, Sh 1	Miscellaneous Structures HVAC	0
M-469A		9.3-39 Sh 1	Boron Recovery Degasifier	3
M-469B		9.3-39 Sh 2	Boron Recovery Degasifier	3
M-470	Sh 1A	9.5-30 Sh 1	Chemical and Oily Waste System	3
M-470	Sh 1B	9.5-30 Sh 2	Chemical and Oily Waste System	3

## MIDLAND 1&amp;2-FSAR

Piping and Instrumentation Diagrams (continued)

Bechtel Dwg No.		FSAR Fig No.	FSAR Figure Title	Rev
M-470	Sh 2A	9.5-29 Sh 1	Chemical Waste System	3
M-470	Sh 2B	9.5-29 Sh 2	Chemical Waste System	3
M-472	Sh 1	6.2-119	Miscellaneous Instrumentation Reactor Building - Unit 1	1
M-472	Sh 2	6.2-120	Miscellaneous Instrumentation Reactor Building - Unit 2	1
M-478	Sh 1	11.6-1, Sh 1	Preliminary Process Steam Radiation Monitoring Online Monitoring System	1
M-478	Sh 2	11.6-1, Sh 2	Preliminary Process Steam Radiation Monitoring Online Monitoring System	1
M-478	Sh 3	11.6-1, Sh 3	Preliminary Process Steam Radiation Monitoring Online Monitoring System	1
M-478	Sh 4	11.6-1 Sh 4	Preliminary Process Steam Radiation Monitoring Online Monitoring System	1
M-479	Sh 1	11.5-1	Plant Radiation Monitoring System Airborne Monitors	0
M-479	Sh 2	11.5-2	Plant Radiation Monitoring System - Airborne Monitors	0
M-479	Sh 3	11.5-3	Plant Radiation Monitoring System - Airborne Monitors	0
M-479	Sh 4	11.5-4	Plant Radiation Monitoring System - Airborne Monitors	0
M-479	Sh 5	11.5-5	Plant Radiation Monitoring System - Liquid Monitors	0
M-479	Sh 6	11.5-6	Plant Radiation Monitoring System - Liquid Monitors	0
M-479	Sh 7	11.5-7	Plant Radiation Monitoring System - Liquid Monitors	0





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SPECIFICATIONS

BID REQUEST

QUOTATIONS

PURCHASE ORDER

CONFERENCE NOTES

BID SUMMARY

SUBCONTRACTS

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FROM

Bechtel Power Corporation  
P.O. Box 1000  
Ann Arbor, MI 48106

ATT: L. Hultquist  
Midland Licensing/Safety Group

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