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BALTIMORE GAS AND ELECTRIC COMPANY

GAS AND ELECTRIC BUILDING
BALTIMORE, MARYLAND 21203

July 31, 1979

ARTHUR E. LUNDVALL, JR.
VICE PRESIDENT
SUPPLY

Mr. Boyce H. Grier, Director
Region I, Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Subject: Calvert Cliffs Nuclear Power Plant
Units Nos. 1 & 2, Docket Nos. 50-317 & 50-318
IE Bulletin No. 79-14
Seismic Analyses for As-Built Piping Systems

Dear Mr. Grier:

IE Bulletin 79-14 requires a written report within 30 days describing our plans for verification of as-built piping systems. The following provides the information required by the Bulletin.

Piping systems to be included in the program have been identified and are listed in Attachment 1. These have been sub-divided as necessary and categorized redundant/nonredundant and accessible/inaccessible. Inaccessible systems or portions of systems are those in containment and in high radiation areas of the auxiliary building. For systems to be inspected, design documents have been listed (Attachments 2 through 8) and assembled for use by field personnel performing system inspections. Engineering information contained in these documents is summarized in Attachment 9. Inspection elements have been identified (Attachment 10) and acceptance criteria developed, to provide the basis for a field inspection procedure. Inspection teams at the plant have begun to walk down accessible systems of Unit 2 to verify and document as-built conditions. Our Architect/Engineer, Bechtel Power Corporation will compare these with the conditions of the design documentation. Any inspection element falling outside established tolerances will be evaluated to determine its effect upon system operability.

Our plans are to complete the inspection described by item 2 of the Bulletin within the required 60 days for both Calvert Cliffs units. For the inspection required by item 3 of the Bulletin, we plan to complete the program for Unit 2 within 120 days or prior to return to power following our refueling outage; for Unit 1, we plan to complete inspection on all accessible systems within the required 120 days, and on inaccessible systems during our next scheduled refueling outage in the spring of 1980. Our bases for continuing the operation of Unit 1 and extending completion of this program are as follows:

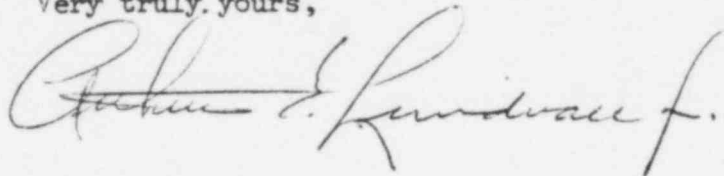
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1. The inspection and verification program carried out on Unit 1 of pipe supports and associated concrete expansion anchors to meet IE Bulletin 79-02 was extremely comprehensive and included many of the elements required by the Bulletin 79-14 program. In addition, the results of that inspection showed very little effect on as-analyzed conditions. Our letter to you of July 6 describes that program, its results, and our schedule for completion.
2. Experience with the inspection programs for both units will be continuously evaluated as they progress to verify that continued confidence in the integrity of Unit 1 systems is justified.

Very truly yours,



cc: J. A. Biddison, Esquire
G. F. Trowbridge, Esquire
Mr. E. L. Conner, Jr. - NRC
Mr. J. W. Brothers - Bechtel
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Division of Reactor Inspection
Washington, D. C. 20555

AEL Letter of 7/31/79
IE Bulletin 79-14
List of Attachments

1. Systems to be inspected (1 page).
2. Unit 1 Isometric List (5 pages).
3. Unit 2 Isometric List (5 pages).
4. Unit 1 Hanger Sketch List (12 pages).
5. Unit 2 Hanger Sketch List (14 pages).
6. Valve List, Units 1 and 2 (6 pages).
7. Unit 1 Class I Piping 2" and under (2 pages).
8. Unit 2 Class I Piping 2" and under (1 page).
9. Engineering Data Required for Stress Calculations (1 page).
10. Inspection Elements (1 page).

IE Bulletin 79-14
Systems to be Inspected

Title	Unit 1 P&ID			Unit P&ID		
	No.	Rev.	Date	No.	Rev.	Date
Main Steam & Reheat	M-35	14	7-07-75	M-36	11	5-20-76
Condensate & Feedwater	M-39 Sh 1	14	12-09-76	M-40	8	5-29-76
Service Water, Auxiliary & Containment	M-46 Sh 2	9	8-14-74	M-47 Sh 2	10	2-23-76
Circulating Salt Water	M-49	13	7-19-76	M-450	7	9-24-76
Component Cooling	M-51	10	7-08-75	M-452	6	9-24-76
Charcoal Filter Spray	M-52	7	5-13-76	M-453	3	5-23-75
Spent Fuel Pool Cooling	M-58	10	5-11-76	M-58	Common	
Well Water, Condensate Storage, etc.	M-59	9	12-07-74	M-59	Common	
Diesel Generator Systems	M-69	9	7-07-75	M-69	9	7-07-75
Reactor Coolant	M-72	6	5-13-76	M-460	7	9-24-76
CVCS	M-73	14	3-13-76	M-461	10	10-14-76
SI and Containment Spray	M-74	13	5-13-76	M-462	7	9-24-76

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UNIT #1 ISOMETRIC LIST

<u>DRAWING NO.</u>	<u>TITLE</u>	<u>REVISION</u>	<u>DATE</u>
SK-M-600	Feedwater - Unit #1 Inside Containment	1	5-02-74
SK-M-606	Spray System Header No. 1 Inside Containment	1	5-31-74
SK-M-607	Spray System Header No. 2 Inside Containment	1	5-31-74
SK-M-608 Sh 1	Shutdown Ht. Exch. Piping	1	4-16-74
SK-M-608 Sh 2	Shutdown Ht. Exch. Piping	1	7-18-74
SK-M-608 Sh 3	Shutdown Ht. Exch. Piping	0	1-09-74
SK-M-608 Sh 4	Shutdown Ht. Exch. Piping	1	5-21-74
SK-M-608 Sh 5	Shutdown Ht. Exch. Piping	1	4-16-74
SK-M-608 Sh 6	Shutdown Ht. Exch. Piping	1	7-19-74
SK-M-608 Sh 7	Shutdown Ht. Exch. Piping	0	1-09-74
SK-M-608 Sh 8	Shutdown Ht. Exch. Piping	1	4-02-74
SK-M-608 Sh 9	Shutdown Ht. Exch. Piping	1	4-24-74
SK-M-608 Sh 10	Shutdown Ht. Exch. Piping	1	4-04-74
SK-M-608 Sh 11	Shutdown Ht. Exch. Piping	1	4-16-74
SK-M-608 Sh 12	Shutdown Ht. Exch. Piping	1	4-29-78
SK-M-608 Sh 13	Shutdown Ht. Exch. Piping	1	2-06-74
SK-M-608 Sh 14	Shutdown Ht. Exch. Piping	0	12-07-73
SK-M-608 Sh 15	Shutdown Ht. Exch. Piping	0	12-07-73
SK-M-608 Sh 16	Shutdown Ht. Exch. Piping	0	11-29-73
SK-M-608 Sh 17	Shutdown Ht. Exch. Piping	1	7-18-74
SK-M-608 Sh 18	Shutdown Ht. Exch. Piping	0	11-29-73
SK-M-609 Sh 1	Pressurizer Relief Valve Piping Inside Containment	3	10-04-76
SK-M-609 Sh 2	Pressurizer Relief Valve Piping Inside Containment	3	10-04-76
SK-M-610	Pressurizer Spray System	1	5-21-74
SK-M-611 Sh 1	Safety Injection Piping System, Tk 11A, Leg 11A	1	3-21-74
SK-M-611 Sh 2	Safety Injection Piping System, Tk 11B, Leg 11B	1	3-21-74
SK-M-611 Sh 3	Safety Injection Piping System, Tk 12A, Leg 12A	2	
SK-M-611 Sh 4	Safety Injection Piping System, Tk 12B, Leg 12A	1	3-21-74
SK-M-612	Shutdown Cooling Piping Inside Containment Unit No. 1	0	4-29-74
SK-M-614 Sh 1	Charging Line - Regenerative Ht. Exch. To Coolant Loop	0	(See PSK-MP)
SK-M-615	Aux Feedwater Inside Containment	1	5-21-74
SK-M-617 Sh 1	Letdown Heat Exchanger Piping To Purification Demin.	1	6-19-74
SK-M-617 Sh 2	Letdown Heat Exchanger Piping To Purification Demin.	3	6-27-75
SK-M-617 Sh 3	Letdown Heat Exchanger Piping To Purification Demin.	1	7-15-74
SK-M-618	Letdown Heat Exchanger Piping Cooling Water	0	11-29-73
SK-M-619	Main & Aux Steam To SSM Gen Aux Feed Pump Turbines	3	2-12-75
SK-M-620 Sh 1	Comp. Cooling Pump Room Piping Salt Water System	2	1-15-75
SK-M-620 Sh 2	Comp. Cooling Pump Room Piping Salt Water System	2	1-13-75
SK-M-621 Sh 1	Aux. Feedwater	1	7-25-74
SK-M-621 Sh 2	Cond. From Storage Tk	2	6-07-74
SK-M-622	Comp. Cooling Pump Room Piping Safety Injection System	0	1-07-74
SK-M-624	Comp. Cooling Pump Room Piping Shutdown Cooling System	1	4-04-74

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<u>DRAWING NO.</u>	<u>TITLE</u>	<u>REVISION</u>	<u>DATE</u>
SK-M-626	Serv. W. Heat. Exch. Salt Water Cooling System	5	2-24-75
SK-M-627	Salt Water Pump Discharge Unit No. 1	3	7-23-74
SK-M-629 Sh 1	Comp. Cooling Pump Rm Piping Component Cooling System	0	1-17-74
SK-M-629 Sh 2	Comp. Cooling Pump Rm Piping Component Cooling System	1	3-21-74
SK-M-629 Sh 3	Comp. Cooling Pump Rm Piping Component Cooling System	2	2-24-75
SK-M-629 Sh 4	Comp. Cooling Pump Rm Piping Component Cooling System	1	4-24-74
SK-M-629 Sh 5	Comp. Cooling Pump Rm Piping Component Cooling System	1	2-24-75
SK-M-629 Sh 6	Comp. Cooling Pump Rm Piping Component Cooling System	2	3-21-74
SK-M-629 Sh 7	Comp. Cooling Pump Rm Piping Component Cooling System	1	11-04-74
SK-M-632	Letdown Line From Regenerative Heat Exch.	0	2-21-74
SK-M-634 Sh 1	Spt Fuel Pool Cooling Pp Room Fuel Pool Cooling System	2	8-27-74
SK-M-634 Sh 3	Spt Fuel Pool Cooling Pp Room Fuel Pool Cooling System	0	12-29-73
SK-M-634 Sh 4	Spt Fuel Pool Cooling Pp Room Fuel Pool Cooling System	2	5-09-74
SK-M-634 Sh 6	Spt Fuel Pool Cooling Pp Room Fuel Pool Cooling System	1	5-08-74
SK-M-634 Sh 8	Spt Fuel Pool Cooling Pp Room Fuel Pool Cooling System	0	1-03-74
SK-M-635 Sh 1	Spt Fuel Pool Cooling Pp Room Service Water System	2	6-05-75
SK-M-635 Sh 2	Spt Fuel Pool Cooling Pp Room Service Water System	2	7-31-74
SK-M-637 Sh 1	Spt Fuel Pool Cooling Pp Room Fuel Pool Cooling System	0	1-17-74
SK-M-637 Sh 2	Spt Fuel Pool Cooling Pp Room Fuel Pool Cooling System	0	1-16-74
SK-M-638	Spt Fuel Pool Cooling Pp Room Fuel Pool Cooling System	2	7-18-70
SK-M-640	Component Cooling	1	3-21-74
SK-M-641	Service Water	2	7-31-74
SK-M-642	Service Water	1	6-26-74
SK-M-643	Service Water	1	5-20-74
SK-M-644	Service Water	1	6-12-74
SK-M-645	H.P. Safety Injection	0	1-17-74
SK-M-646	Component Cooling	1	3-21-74
SK-M-647	Service Water System	1	2-11-75
SK-M-648	Service Water System	2	2-04-75
SK-M-649	Service Water System	2	4-28-75
SK-M-650	Service Water System	1	4-24-74
SK-M-651	Service Water System	1	4-24-74
SK-M-652	Service Water System	1	4-24-74
SK-M-653	Service Water System	1	2-12-74
SK-M-655	Service Water Out	0	11-26-73
SK-M-656	Service Water Out	0	12-05-73
SK-M-657	Service Water Out	1	4-24-74
SK-M-659	Aux Feedwater	0	11-26-73
SK-M-660 Sh 2	From Condensate Storage Tk. No. 12 to Aux Feed Pumps	1	7-09-74
SK-M-661	From Condensate Storage Tank	2	7-09-74
SK-M-662	L.P. Safety Injection	1	5-09-74
SK-M-663	L.P. Safety Injection	2	7-18-74

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<u>DRAWING NO.</u>	<u>TITLE</u>	<u>REVISION</u>	<u>DATE</u>
SK-M-664	Containment Spray	2	7-18-74
SK-M-665	Reactor Down Down Cooling	0	4-29-74
SK-M-666	Compt. Cooling Water In	1	3-21-74
SK-M-667	Compt. Cooling Water Out	1	6-18-74
SK-M-668	Service Water	0	11-27-73
SK-M-669	Service Water	1	4-25-74
SK-M-670	Service Water	0	11-27-73
SK-M-671	Safety Injection System	2	8-02-74
SK-M-672	Safety Injection System	2	8-02-74
SK-M-673	Safety Injection Pump Discharge	2	8-02-74
SK-M-674	Service Water	1	4-24-74
SK-M-675	Service Water	1	4-24-74
SK-M-676	Service Water	1	4-24-74
SK-M-677	Service Water	1	3-21-74
SK-M-678	To Refueling Water Tank	1	5-13-74
SK-M-679	From Refueling Water Tank	1	4-29-74
SK-M-682	Containment Spray Discharge	1	5-21-74
SK-M-684	From Refueling Water Tank	1	5-14-74
SK-M-685	From Refueling Water Tank	1	6-19-74
SK-M-686	Shutdown Cooling	1	4-29-74
SK-M-689	L.P. Safety Injection	1	7-10-74
SK-M-690	H.P. Safety Injection	1	6-19-74
SK-M-691	Spent Fuel Pool Cooling	1	4-29-74
SK-M-692	Spent Fuel Cooling	1	6-27-74
SK-M-693	Containment Spray	1	5-20-74
SK-M-694	Containment Spray	2	5-21-74
SK-M-697	Refueling Water System	1	6-19-74
SK-M-698	Cond. From Storage Tank	1	5-20-74
SK-M-699	Aux. Feedwater	0	11-27-73
SK-M-700 Sh 1	Component Cooling Water Outlet, Inside Containment	2	1-23-75
SK-M-700 Sh 2	Component Cooling Water Outlet, Inside Containment	2	5-20-74
SK-M-701 Sh 1	Component Cooling Water Inlet, Inside Containment	0	11-26-73
SK-M-701 Sh 2	Component Cooling Water Inlet, Inside Containment	1	5-21-74
SK-M-712	Service Water Inlet Containment Cooler #11	2	5-07-74
SK-M-713	Service Water Outlet Containment Cooler #11	1	5-23-74
SK-M-726	From Refueling Water Tank	1	4-29-74
SK-M-728	To Refueling Water Tank	1	5-14-74
SK-M-729	From Refueling Water Tank	1	5-14-74
SK-M-734	Service Water	1	5-14-74
SK-M-735	Service Water	0	11-28-73
SK-M-736	Service Water	1	6-27-74
SK-M-737	Service Water	1	6-14-74

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<u>DRAWING NO.</u>	<u>TITLE</u>	<u>REVISION</u>	<u>DATE</u>
SK-M-748	Comp. Cooling Water	0	1-17-74
SK-M-749	Comp. Cooling Water	1	3-21-74
SK-M-758	Service Water	2	8-04-76
SK-M-751	Service Water	2	8-04-76
SK-M-756	Service Water	1	5-04-76
SK-M-759	Service Water	1	5-14-74
SK-M-760	Service Water	2	7-10-74
SK-M-763	Service Water	1	5-21-74
SK-M-764	Service Water	1	5-20-74
SK-M-765	Service Water	1	5-14-74
SK-M-766	Service Water	1	6-11-74
SK-M-769 Sh 1	Service Water Piping Inlet Cmt Cooler #12	0	11-28-73
SK-M-769 Sh 2	Service Water Piping Outlet Cmt Cooler #12	1	5-07-74
SK-M-769 Sh 3	Service Water Piping Inlet Cmt Cooler #13	0	11-29-73
SK-M-769 Sh 4	Service Water Piping Outlet Cmt Cooler #13	1	5-29-74
SK-M-769 Sh 5	Service Water Piping Inlet Cmt Cooler #14	0	11-28-73
SK-M-769 Sh 6	Service Water Piping Outlet Cmt Cooler #14	2	5-28-74
SK-M-770 Sh 1	Charcoal Filter Spray Piping Unit No. 1	1	5-07-74
SK-M-770 Sh 2	Charcoal Filter Spray Piping Unit No. 1	1	5-02-74
SK-M-771 Sh 1	From Letdown Pressure Control Valve to Ion Exchanger	2	8-27-74
SK-M-771 Sh 3	From Letdown Pressure Control Valve to Ion Exchanger	1	5-21-74
SK-M-772 Sh 1	Boric Acid Pump Suct. and Pump Discharge to Charging Pump	0	11-23-73
SK-M-772 Sh 2	Boric Acid Pump Suct. and Pump Discharge to Charging Pump	2	11-25-74
SK-M-772 Sh 3	Boric Acid Pump Suct. and Pump Discharge to Charging Pump	2	10-07-74
SK-M-772 Sh 4	Boric Acid Pump Suct. and Pump Discharge to Charging Pump	0	11-29-73
SK-M-775	Refueling Pool Recycle Piping Inlet Inside Containment	1	4-12-74
SK-M-778	SPT Fuel Pool Cooling System	0	12-11-73
SK-M-780	SPT Fuel Pool Cooling System	0	12-11-73
SK-M-781	SPT Fuel Pool Cooling System	0	11-26-73
SK-M-782	SPT Fuel Pool Cooling System	0	12-11-73
SK-M-783	Component Cooling Water	1	9-10-74
SK-M-784	Component Cooling Water	1	3-25-74
SK-M-785	Component Cooling Water	2	6-10-74
SK-M-786	Component Cooling Water	2	9-10-74
SK-M-787	Component Cooling Water	0	12-29-73
SK-M-788	Component Cooling Water	1	3-21-74
SK-M-791	Component Cooling Water	1	2-24-74
SK-M-792	Component Cooling Water	0	12-5-73
SK-M-813	Safety Injection Relief to Quench Tank	0	1-1-74
SK-M-821	Component Cooling Water	1	5-15-74
SK-M-822	Component Cooling Water	0	9-11-74
SK-M-823	Salt Water Supply To ECCS Pump Room Cooler #11	2	6-24-74

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<u>DRAWING NO.</u>	<u>TITLE</u>	<u>REVISION</u>	<u>DATE</u>
SK-M-824	Salt Water Supply From ECCS Pump Room Cooler #11	1	6-29-74
SK-M-825	Salt Water Supply To ECCS Pump Room Cooler #12	0	9-11-73
SK-M-826	Salt Water Supply From ECCS Pump Room Cooler #12	1	6-28-74
SK-M-827	Salt Water From ECCS Pump Room Cooler #12	1	4-29-74
SK-M-829	Containment Refueling Pool Drain	0	1-16-74
SK-M-831	Component Cooling Bypass Component Cooling System	1	3-21-74
SK-M-832	Component Cooling Bypass Component Cooling System	1	4-24-74
SK-M-833	Service Water Head Tanks	1	7-11-74
SK-M-839 Sh 1	4" Hyd. Supply Piping Main Steam Isolation Valve 1-CV-4043	1	6-04-74
SK-M-839 Sh 2	4" Hyd. Supply Piping Main Steam Isolation Valve 1-CV-4048	0	12-28-73
SK-M-839 Sh 3	4" Hyd. Return Piping Main Steam Isolation Valve 1-CV-4043	1	5-24-74
SK-M-834 Sh 4	4" Hyd. Return Piping Main Steam Isolation Valve 1-CV-4048	0	12-28-73
SK-M-1086	Demineralized Water To Miscellaneous Systems	1	9-08-76
M-177	Main Steam Piping System Isometric	4	8-06-75

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UNIT #2 ISOMETRIC LIST

DRAWING NO.	TITLE	REVISION	DATE
SK-M-608/19	Shutdown Heat Exchanger Piping	1	10-31-74
SK-M-608/20	Shutdown Heat Exchanger Piping	2	3-28-75
SK-M-608/21	Shutdown Heat Exchanger Piping	3	3-14-75
SK-M-608/22	Shutdown Heat Exchanger Piping	1	7-29-74
SK-M-608/23	Shutdown Heat Exchanger Piping	1	2-08-75
SK-M-608/24	Shutdown Heat Exchanger Piping	0	10-22-73
SK-M-608/25	Shutdown Heat Exchanger Piping	2	5-13-75
SK-M-608/27	Shutdown Heat Exchanger Piping	2	5-21-75
SK-M-608/28	Shutdown Heat Exchanger Piping	3	4-22-75
SK-M-608/29	Shutdown Heat Exchanger Piping	2	5-14-75
SK-M-628	Salt Water Pumps Unit #2	5	1-13-75
SK-M-629/7	Comp. Cooling Pump Room Piping; Comp. Cooling System	1	11-04-74
SK-M-634/2	Spent Fuel Pool Cooling Pump Room, Fuel Pool Cooling System	2	3-28-75
SK-M-634/5	Spent Fuel Pool Cooling Pump Room, Fuel Pool Cooling System	1	4-12-74
SK-M-634/6	Spent Fuel Pool Cooling Pump Room, Fuel Pool Cooling System	1	5-08-74
SK-M-634/7	Spent Fuel Pool Cooling Pump Room, Fuel Pool Cooling System	0	1-03-74
SK-M-635/1	Spent Fuel Pool Cooling Pump Room Service Water System	2	6-05-73
SK-M-635/2	Spent Fuel Pool Cooling Pump Room Service Water System	2	7-31-74
SK-M-660/1	From Cond. Storage Tk #21 to Aux. Feed Pumps	4	7-29-74
SK-M-660/2	From Cond. Storage Tk #12 to Aux. Feed Pumps	1	7-09-74
SK-M-687	From Cond. Tank to Aux. Feed Pumps	1	3-11-75
SK-M-702	Containment Spray	1	3-04-75
SK-M-703	Spent Fuel Pool Cooling	6	5-13-75
SK-M-704	Component Cooling	5	11-05-74
SK-M-705	From Cond. Tk to Aux. Feed Pump	4	1-17-75
SK-M-706	Aux. Feedwater	3	8-25-75
SK-M-707	Service Water System	2	10-02-74
SK-M-708	Service Water System	3	10-02-74
SK-M-709	Spent Fuel Pool Cooling	2	3-28-75
SK-M-710	Containment Spray	2	12-09-74
SK-M-711	Component Cooling Water	4	8-06-76
SK-M-714	Service Water	3	11-05-74
SK-M-716	Safety Injection System	1	12-09-74
SK-M-717	Safety Injection System	1	1-04-75
SK-M-718	Safety Injection Pump Discharge	1	1-09-75
SK-M-719	Service Water	2	10-21-74
SK-M-720	Service Water	3	10-02-74
SK-M-721	Service Water	2	10-17-74
SK-M-722	To Refueling Water Tank	4	4-15-75
SK-M-723	Refueling Pool Fill	3	3-04-75
SK-M-724	Refueling Pool Drain	0	10-22-73
SK-M-725	From Refueling Water Tank	0	11-28-73
SK-M-730	From Refueling Water Tank	5	4-03-75

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<u>DRAWING NO.</u>	<u>TITLE</u>	<u>REVISION</u>	<u>DATE</u>
SK-M-732	To Refueling Water Tank	6	5-02-75
SK-M-733	From Refueling Water Tank	2	2-04-75
SK-M-738	Service Water	2	11-05-74
SK-M-739	Service Water	3	8-11-75
SK-M-741	Service Water	2	10-20-74
SK-M-758	Spent Fuel Pool Cooling	6	1-06-76
SK-M-759	Service Water	1	5-14-74
SK-M-761	Service Water	1	6-27-74
SK-M-762	Service Water	1	5-14-74
SK-M-765	Service Water	1	5-14-74
SK-M-766	Service Water	1	6-11-74
SK-M-772/1	Volume Control Tank #21 Discharge to Charging Pumps	2	4-11-75
SK-M-777	Spent Fuel Pool Cooling System	1	2-12-74
SK-M-779	Spent Fuel Pool Cooling System	0	11-28-73
SK-M-785	Component Cooling Water	2	6-10-74
SK-M-786	Component Cooling Water	2	9-10-74
SK-M-789	Component Cooling Water	1	3-21-74
SK-M-790	Component Cooling Water	1	5-14-74
SK-M-793	Component Cooling Water	2	10-31-74
SK-M-794	Component Cooling Water	3	2-24-75
SK-M-817/35	Drains To Misc Waste Receiver & Monitor Tanks #11	6	8-06-76
SK-M-845/1	Safety Injection Piping System (Tank #21A Leg #21A) Unit #2	9	2-05-76
SK-M-845/2	Safety Injection Piping System (Tank #21B Leg #21B) Unit #2	8	2-05-76
SK-M-845/3	Safety Injection Piping System (Tank #22A Leg #22A) Unit #2	9	2-05-79
SK-M-845/4	Safety Injection Piping System (Tank #22B Leg #22B) Unit #2	9	2-05-76
SK-M-856	Pressurizer Spray System Unit #2	11	1-26-76
SK-M-876/1	Pressurizer Relief Valve Piping Inside Cmt. 2	10	1-26-76
SK-M-876/2	Pressurizer Relief Valve Piping Inside Cmt. 2	10	1-26-76
SK-M-878	Shutdown Cooling Piping, Inside Cmt. Unit #2	6	11-11-75
SK-M-879	Reactor Shutdown Cooling	4	12-11-75
SK-M-880/1	Service Water Piping Inlet Cmt. Cooler #22	1	7-31-75
SK-M-880/2	Service Water Piping Outlet Cmt. Cooler #22	2	8-14-75
SK-M-880/3	Service Water Piping Inlet Cmt. Cooler #23	0	1-16-74
SK-M-880/4	Service Water Piping Outlet Cmt. Cooler #23	0	10-17-73
SK-M-880/5	Service Water Piping Inlet Cmt. Cooler #24	1	8-14-75
SK-M-880/6	Service Water Piping Outlet Cmt. Cooler #24	1	8-14-75
SK-M-881	Service Water Inlet Unit #2	2	8-14-75
SK-M-882	Service Water	6	12-09-75
SK-M-883/1	Service Water		2-24-75
SK-M-883/2	Service Water System		2-24-75
SK-M-884	Service Water Out	0	12-28-73
SK-M-885	Service Water Out	0	12-25-73
SK-M-886	Service Water Outlet Cmt. Air Cooler #21	1	2-04-76

<u>DRAWING NO.</u>	<u>TITLE</u>	<u>REVISION</u>	<u>DATE</u>
SK-M-887	Service Water Out	1	3-18-74
SK-M-888	Service Water Out	3	3-26-76
SK-M-889	Service Water Head Tank	4	10-24-74
SK-M-890	Service Water Unit #2	1	9-10-74
SK-M-891	Service Water System	2	10-04-74
SK-M-892/2	Service Water System	3	2-24-75
SK-M-892/1	Service Water System	5	2-24-75
SK-M-893	Service Water System	2	2-03-76
SK-M-894	Service Water System	0	10-17-73
SK-M-895	Service Water System	0	10-17-73
SK-M-896	Shutdown Heat Exchanger Piping Unit #2	2	5-23-75
SK-M-898	Service Water Inlet Cmt Cooler #21	1	8-19-74
SK-M-899	Service Water System	2	8-10-76
SK-M-900	Service Water System	2	8-10-76
SK-M-905	Shutdown Heat Exchanger Piping Component Cooling System	1	10-31-74
SK-M-906	Shutdown Heat Exchanger Piping Component Cooling System	2	6-13-74
SK-M-907	Shutdown Heat Exchanger Piping Component Cooling System	1	4-02-74
SK-M-908	Shutdown Heat Exchanger Piping Component Cooling System	3	10-31-74
SK-M-909	Shutdown Heat Exchanger Piping Component Cooling System	0	3-14-74
SK-M-910	Shutdown Heat Exchanger Piping Component Cooling System	3	8-20-74
SK-M-911/1	Component Cooling Pump Room Piping, Component Cooling System	1	11-04-74
SK-M-911/2	Component Cooling Pump Room Piping, Component Cooling System	0	10-26-73
SK-M-911/3	Component Cooling Pump Room Piping, Component Cooling System	2	2-24-75
SK-M-911/4	Component Cooling Pump Room Piping, Component Cooling System	0	10-26-73
SK-M-911/5	Component Cooling Pump Room Piping, Component Cooling System	1	2-24-75
SK-M-912	Component Cooling Water, Unit #2	1	11-01-74
SK-M-913	Component Cooling Water, Unit #2	1	11-01-74
SK-M-914	Sealing Water Return From HPS1 & LPS1 Pumps, Component Cooling System	5	3-14-75
SK-M-915	Shutdown Heat Exchanger Piping, Component Cooling Water	3	10-31-74
SK-M-916	Component Cooling Outlet, Unit #2	2	7-11-74
SK-M-917	Component Cooling Water, Unit #2, Inlet	5	11-05-74
SK-M-918	Component Cooling Bypass, Component Cooling System	1	11-04-74
SK-M-919	Component Cooling Bypass, Component Cooling System	0	10-26-73
SK-M-922	Service Water	2	8-11-75
SK-M-923	Shutdown Cooling	4	11-12-75
SK-M-928	From Refueling Water Tank	1	12-20-74
SK-M-929	Air Intake To Emerg. Diesel Gen #21	0	1-18-74
SK-M-931	Shutdown Heat Exchanger To Purification Demineralizer	3	1-06-76
SK-M-932	From Shutdown Press. Control Valve to Ion Exchangers	4	1-06-76
SK-M-933	From Shutdown Press. Control Valve to Ion Exchangers	0	9-11-73
SK-M-934/1	Refueling Pool Recycle Piping Inlet, Inside Containment	0	1-18-74
SK-M-934/2	Refueling Pool Recycle Piping Inlet, Inside Containment	0	1-18-74
SK-M-935/1	Service Water Heat Exchanger Piping, Salt Water Cooling Sys. Unit #2	5	8-31-76

<u>DRAWING NO.</u>	<u>TITLE</u>	<u>REVISION</u>	<u>DATE</u>
SK-M-935/2	Service Water Heat Exchanger Piping, Salt Water Cooling Sys. Unit #2	2	7-15-76
SK-M-937	Aux. Feedwater Inside Containment	1	9-04-74
SK-M-938/1	Aux. Feedwater Inside Containment	2	9-25-74
SK-M-938/2	Aux. Feedwater Inside Containment	1	4-01-74
SK-M-939	H.P. Safety Injection	2	12-09-74
SK-M-941/1	Containment Spray Sys. Header #2, Unit #2	0	1-17-74
SK-M-941/2	Containment Spray Sys. Header #2, Unit #2	1	4-24-75
SK-M-942	Spray System Header No. 1 Inside Containment	3	6-09-75
SK-M-943/1	Charcoal Filter Spray Piping Unit #2	3	8-14-75
SK-M-943/2	Charcoal Filter Spray Piping Unit #2	3	8-14-75
SK-M-943/3	Charcoal Filter Spray Piping Unit #2	1	3-31-75
SK-M-943/4	Charcoal Filter Spray Piping Unit #2	2	12-11-75
SK-M-944	Containment Spray Discharge	2	12-12-74
SK-M-945/1	Component Cooling Pump Room Cooling	3	1-29-75
SK-M-945/2	Component Cooling Pump Room Piping	3	1-29-75
SK-M-946	Salt Water Supply to ECCS Pump Room Cooler #21	5	3-27-75
SK-M-947	Salt Water Return From ECCS Pump Room Cooler #21	4	4-29-75
SK-M-948	Salt Water Supply to ECCS Pump Room Cooler #22, Unit #2	4	4-29-75
SK-M-949	Salt Water Return From ECCS Pump Room Cooler #22	4	4-29-75
SK-M-950	Salt Water Return From ECCS Pump Room Cooler #22	1	12-05-74
SK-M-952/1	Boric Acid Pump Suction & Discharge To Charging System	4	3-28-75
SK-M-952/2	Boric Acid Pump Suction & Pump Discharge To Charging System	2	5-06-75
SK-M-952/3	Boric Acid Pump Suction & Discharge To Charging System	2	8-12-74
SK-M-952/4	Boric Acid Pump Suction & Discharge To Charging System	1	9-05-74
SK-M-953	Component Cooling Pump Room Piping Safety Injection System	2	5-02-75
SK-M-954	Shutdown Heat Exch. Piping	1	9-23-74
SK-M-955	Shutdown Heat Exch. Piping	0	1-17-74
SK-M-956	Component Cooling Pump Room Piping, Shutdown Cooling System	6	5-12-75
SK-M-957	L.P. Safety Injection System	2	7-03-75
SK-M-958	L.P. Safety Injection	2	5-13-75
SK-M-959	H.P. Safety Injection	3	4-08-75
SK-M-960	Safety Injection Recirc. To Refueling Water Tank, Unit #2	2	1-09-75
SK-M-961	Containment Spray	1	12-09-74
SK-M-962/1	From Letdown Pressure Control Valve To Ion Exchangers	1	3-28-75
SK-M-962/4	Line From Purif. Filter To Letdown Strainer Entrance	4	6-20-75
SK-M-963	From Refueling Water Tank	2	4-03-75
SK-M-964	Refueling Water System	2	4-03-75
SK-M-966	L.P. Safety Injection System	5	7-03-75
SK-M-967	Containment Refuel Pool Drain, Unit #2	0	12-20-73
SK-M-981	Refueling Water Tank No. 21 Piping	2	11-27-74
SK-M-986/1	4" Hyd. Piping To Main Stm Iso. Valve	3	8-06-75
SK-M-986/2	4" Hyd. Piping From Main Stm Iso. Valve	1	7-23-75
SK-M-986/3	4" Hyd. Piping To Main Stm Iso. Valve	1	7-23-75

<u>DRAWING NO.</u>	<u>TITLE</u>	<u>REVISION</u>	<u>DATE</u>
SK-M-996	R.W.S. Tk #21 Heater Recirc. Internal Standpipe	0	3-18-74
SK-M-997	Refueling Water Unit #2	3	12-15-75
SK-M-998	Feedwater Inside Containment	1	4-21-75
SK-M-1000/1	Feedwater Inside Aux. Bldg.	1	7-18-75
SK-M-1001	Condensate From Storage Tk	2	6-19-75
SK-M-1002	Aux. Feedwater	1	7-15-74
SK-M-1019	Refueling Water	0	6-27-74
SK-M-1020	Component Cooling Head Tk #21 Overflow	0	7-18-74
SK-M-1023	Safety Injection Relief To Quench Tk, Unit #2	2	8-11-75
SK-M-1048	Inlet & Outlet Service Water Heat Exch. #22	2	8-11-76
SK-M-1087	Demineralized Water To Misc. Systems	1	9-08-76
SK-M-1090	Diesel Gen. Starting Air	0	9-11-76
SK-M-1091	Diesel Gen. Starting Air	0	7-21-76
SK-M-1600	Aux. Feedwater Turbine Exhaust Unit #2	2	7-11-75
SK-M-1601	Aux. Feedwater Turbine Exhaust Unit #2	1	5-13-75
M-179	Main Steam System Unit #2	13	11-10-76

POOR ORIGINAL

HANGER SKETCH NUMBERSFOR UNIT NO. 1

SK-M-600	SK-5811	SK-M-607	SK-546
	-5810		-545
	-5809		-544
	-5808		-543
	-5807		-542
	-5806		-541
	-5805		-581
	-5804		-855
	-5803		-539
	-5802		-540
	-5801		-538
	-5800		
	-5700	SK-M-608/1	SK-1710
	-5701		-1712
	-5702		-1708
	-5703		-1704
			-1769
			-1700
SK-M-606	SK-100		-33127
	-104		-1716
	-130		-1719
	-132		-1723
	-134		-1725
	-150		-1727
	-152		-1702
	-155		-8108
	-160		-1796
	-223		-1731
	-220		-1734
	-206		-1728
	-204		
	-200	SK-M-608/2	SK-8107
	-184		-141
	-182		-32098
	-180		-143
	-579		-144
	-571		-145
	-572		-146
	-517		-147
	-516		-148
	-515		-149
	-513		-130
	-512		-151
	-578		-24943
	-505		-153
	-506		-155
	-507		-160
	-577		-26919
	-27206		
	-300	SK-M-608/3	SK-111
SK-M-607	SK-800		-104
	-802		-102
	-803		-101
	-807		-100
	-809		
	-850	SK-M-608/4	SK-183
	-810		-26942
	-812		-181
	-813		-179
	-817		-180
	-820		
	-821	SK-M-608/5	SK-167
	-825		-166
	-826		-165
	-847		-164
	-846		-163
	-845		-162
	-844		-170
	-840		-169
	-839		-172
	-838		-173
	-837		-174
	-853		-176
	-836		-177
	-832		-178
	-831		-162
	-830	SK-M-608/6	SK-32099
	-829		-140
	-860		-139
	-848		-138
	-580		-136
	-548		-134
	-547		

POOR ORIGINAL

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SK-M-608/6	SK-133 -132 -131 -130 -125 -158 -26928 -26929 -152 -129 -128 -127 -126 -26921 -1300 -1303 -1304 -1306 -1308	SK-M-608/13	SK-26925 -1159 -1675 -1674 -1657 -1635 -1325 -1663 -1661 -1623 -1621 -1622 -1630 -1676 -1627 -1633
SK-M-608/7	SK-26918 -118 -115 -116 -114 -105 -107 -112 -109	SK-M-608/14	SK-1763 -1766 -1775 -1777 -1743 -1746 -1748 -1750 -1754
SK-M-608/8	SK-26934 -124 -123 -121 -120 -119	SK-M-608/15	SK-1648 -1650 -1652 -1643 -1673 -1646 -1640 -1638 -1655 -26919
SK-M-608/9	SK-26932 -33391 -26923 -1007 -1005 -1003 -1000	SK-M-608/16	SK-26926 -1405 -1410 -1413 -1415 -1418 -1402 -1407 -1400
SK-M-608/10	SK-1200 -1202 -26922 -1208 -1010 -1014 -26931	SK-M-608/17	SK-1422 -1425 -1432 -1435 -1446 -1444 -26930 -1428 -1430 -1442
SK-M-608/11	SK-1338 -1138 -1143 -1100 -26927 -1617 -1613 -1611 -1609 -1606 -1600 -1669 -1667 -1665 -1671 -26914	SK-M-608/18	SK-26921 -1130 -1141 -1132 -1128 -1134
SK-M-608/12	SK-1144 -1137 -1120 -1139 -1111 -1109 -1108 -1103 -1142 -1115 -1113 -1117	SK-M-609/1	SK-19032 -19031 -19030 -19029 -19027 -19022 -19023 -19024 -19021 -25008 -19017 -19016 -19019 -19013 -33649 -33645 -19009

POOR ORIGINAL

SK-M-609/1	SK-19010 -19011 -19005 -19004 -19003 -19002 -19001 -19000 -19006 -19007 -19008	SK-M-611/2	SK-18321 -18320 -18319 -18318 -18317 -18316 -18315 -18314 -18313 -18312 -18311 -18310 -18309 -18308 -18307 -18306 -18304 -18329 -18332 -18300 -18302
SK-M-609/2	SK-19020 -19019 -19018 -25007 -17510 -17509 -17508 -17507 -33644 -17501 -17502 -17503 -33643 -17516 -17517 -17500 -17513 -17514 -17515 -17521 -17522	SK-M-611/3	SK-17708 -17707 -17706 -17705 -17704 -17703 -17711 -17712
SK-M-610	SK-19116 -19117 -19118 -19106 -19107 -19108 -19109 -19146 -19147 -19129 -19132 -19110 -19111 -19112 -19113 -19114 -19115 -19131 -19130 -19122 -19121 -19120 -19105 -19104 -19103 -19128 -19102 -19100 -19148 -19101	SK-M-611/4	SK-18713 -18714 -18715 -18712 -18709 -18708 -18707 -18700 -18701 -18725 -18703 -18704 -18705 -18706 -18710 -18711
SK-M-611/1	SK-17100 -17101 -17102 -17103 -17111 -17112 -17104 -17105 -17114 -17110 -17106 -17107 -17108 -17113 -17109	SK-M-612	SK-16300 -16301 -16302 -16303 -16304 -16305 -16306 -16307 -16308 -16309 -16310 -16311 -16312 -16313 -16314 -16315
		SK-M-615	SK-20000 -20001 -20002 -20003 -20004 -20005 -20006 -20007 -19913 -19909 -19908 -19907 -19906 -19905 -19904 -19903 -19911 -19910 -19902 -19900

POOR ORIGINAL

SK-M-618	SK-14300	SK-M-626	SK-207
	-5204		-40268
	-5202		-202
	-5200		-209
			-204
SK-M-619	-36421		-210
	-21910		-40269
	-21907		-205
	-21908		-208
	-21925		-206
	-21926		-211
	-21927		-40270
	-21906		
	-36417	SK-M-627	SK-10630
	-21901		-10600
	-21932		-10610
	-21933		-10611
	-21903		-10612
	-36416		-10622
	-21922		-10623
	-21923		-10613
	-21924		-10615
	-21904		-10616
	-2260		-10609
	-26901		-10628
	-36454		-10603
			-10602
SK-M-620/1	SK-604		-10606
	-605		-10607
	-607		-10608
	-608		-10624
	-610		-10625
	-609		-10615
	-620		-10629
	-36246		-10604
	-612		-10605
SK-M-620/2	SK-600	SK-M-629/1	SK-1902
	-603		-1901
	-619		-1900
	-618		-1903
	-602		-1904
			-1905
SK-M-621/1	SK-11513		-1906
	-11516		-1909
	-11517		-1910
	-11511		-1911
	-11512		-1912
	-11514		-1913
	-11515		
	-11509	SK-M-629/2	SK-1919
	-11508		-1920
	-24952		-1921
			-1923
SK-M-621/2	SK-11506		-1916
	-11503		-1915
	-11504		-1922
	-11502		-1925
	-11505		-1914
	-11501		-1917
	-24951		-1928
			-1929
SK-M-622	SK-8106	SK-M-629/3	SK-916
	-8111		-918
	-8108		-909
	-8112		-913
	-8113		-923
	-8107		-26942
SK-M-624	SK-1510		-924
	-26928		-928
	-1516		-920
	-1502		-929
	-1514		-907
	-1500		-940
	-1512		-914
	-26929		

POOR ORIGINAL

SK-M-627/4	SK-24928 -1830 -1827 -1818 -1819 -1823 -1825 -1814 -1804 -1800 -1810 -1808 -1806 -26917	SK-M-634/8	SK-19205 -19206 -19203 -19204 -19207 -19208 -19202 -19201 -19200 -19209 -19210 -19211 -19212 -19213 -19214 -17902 -17904 -17903
SK-M-629/5	SK-26934 -900 -904 -2506 -36456 -935 -932	SK-M-635/1	SK-13103 -13105
SK-M-629/6	SK-8000 -9001 -8002 -8008 -8009	SK-M-635/2	SK-13206 -13204
SK-M-634/1	SK-24905 -5307 -5305 -5300 -5308 -5309 -5312 -16005 -5302 -5310 -24921 -5311 -24918	SK-M-637/2	SK-27203 -27202
SK-M-634/3	SK-16906 -16907 -16908 -16901 -16902 -16903 -16904 -16905 -16900	SK-M-638	SK-33101 -32700 -33103
SK-M-634/4	SK-18430 -18427 -18426 -25009 -18423 -18425 -24920 -18431 -18422 -18421 -18420 -24922 -18418 -18428 -18429	SK-M-640	SK-24929 -3329 -3327 -3304 -3303 -3302 -14200 -2733 -2720 -2719 -14201 -14202
SK-M-634/6	SK-26913 -18411 -26914 -18414 -18417 -18415 -18414 -18413 -13904 -18403 -18402 -18401 -18410 -18408 -18405 -18404 -18406 -18407	SK-M-641	SK-27000 -12603 -12604 -12615 -3305 -3304 -12614 -12601 -12600 -12613 -12612 -3306 -12602 -12610 -12609 -12608 -12607
		SK-M-642	SK-3306 -3305 -13302 -13301 -13300 -3323 -2742 -2728 -2727
		SK-M-643	SK-2727 -2728 -2742 -3323 -3325 -13700 -13701 -3304 -3305 -3306 -13704 -13703 -13702

POOR ORIGINAL

SK-M-644	SK-3306 -11002 -3303 -10007 -10008 -14007 -3325 -3323 -2748	SK-M-649	SK-20310 -20300 -20306 -22201 -20307 -20308 -20304 -20305 -20303 -20302 -20301 -20300 -20309
SK-M-645	SK-27205 -15210 -15204 -15211 -15200 -15201 -3304 -3303 -3300 -2735 -2734 -2733 -2720 -2718 -2717 -15202 -26930	SK-M-650	SK-16400 -16401 -16402 -16403 -16404 -16405 -16406 -16407 -16408 -16409 -16410 -16411 -16412 -16413 -16414 -22203 -22204
SK-M-646	SK-33638 -33630 -33637 -3317 -3312 -24927 -3305 -3312 -2717 -14300	SK-M-651	SK-22205 -22206 -16415 -16416 -16417 -16418 -16419 -16420 -16421 -22202
SK-M-647	SK-10317 -10335 -10340 -10341 -10312 -10336 -10305 -10301 -10302 -10313 -10319 -10314 -10304 -10315 -10333 -10334 -10330 -10331 -10332 -10318 -10308 -10317 -10307 -10320 -10316 -10306 -10310 -10309 -10321 -10322 -10323 -10324 -24954 -10303 -10326 -10327	SK-M-652	SK-22207 -16423 -16424 -16425 -16426
		SK-M-653	SK-13669 -13668 -13667 -13666 -13665 -13664 -13663 -32035 -13662 -13661 -33569 -33570 -32037 -13672 -13673 -13670 -13671 -32034 -13659 -13660
		SK-M-655	SK-17300 -17301 -17302 -17303 -24910
SK-M-648	SK-16117 -16118 -16119 -16100 -16101 -16102 -16103 -16104 -16105 -16107 -16112 -16113 -16114 -16115 -16116 -16111	SK-M-656	SK-24909 -7000
		SK-M-657	SK-7001 -7003

POOR ORIGINAL
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SK-M-659	SK-33042 -6104 -6105 -6106 -6100 -6101 -6102 -6103 -6107 -6108 -6109 -6110 -6111 -6112 -6113	SK-M-674	SK-24956 -10003 -10008 -10007
SK-M-660/2	SK-35393 -35392	SK-M-675	SK-10011 -10002 -10000 -10009 -10010 -10004 -10001 -10006 -24953 -10005 -24944 -24955
SK-M-661	SK-35391 -21411 -21408 -21409 -21407 -21414 -21405 -21406 -21404 -21413 -21403 -21410 -21415	SK-M-676	SK-9603 -9606 -9614 -9613 -9612 -9605 -9611 9604
SK-M-662	SK-18105 -18106 -18104 -18103 -18102 -18101 -18100 -24900	SK-M-677	SK-9412 -9404 -9405 -9413 -9414 -9415 -9406 -9407 -9416
SK-M-663	SK-18203 -40519 -18201 -18202 -18200 -18613	SK-M-678	SK-13916 -13913 -13915 -13911 -13912 -13910 -13909 -13908 -13907
SK-M-664	SK-10717 -10716 -10715 -34923	SK-M-679	SK-22008 -22007 -22006 -22005 -3289
SK-M-665	SK-16317 -16318	SK-M-690	SK-27210 -8905 -8904 -18900 -3318 -3319 -32071
SK-M-666	SK-11200 -24929	SK-M-691	SK-2742 -2729 -2728
SK-M-667	SK-24926	SK-M-692	SK-33032 -16000 -16001 -16002 -16003
SK-M-668	SK-3224 -3226 -3227 -3223	SK-M-693	SK-3303 -3304 -14800 -14801 -14802 -14803 -14804 -3318 -3320 -24923
SK-M-669	SK-9312 -9320 -9318 -9317 -9316 -9315 -9314 -9321	SK-M-694	SK-10705 -10712
SK-M-670	SK-6000 -6001 -6002		
SK-M-673	SK-11302 -11303A -11300 -11301 -11306 -11304 -11305		

POOR ORIGINAL 179

SK-M-695	SK-8007 -8006 -8005 -8004 -8008	SK-M-700 Sh 1	SK-21508 -21500 -21501 -21505 -21502 -21504 -14102 -14100 -14101 -21506 -14105 -26905
SK-M-697	SK-2717 -2719 -2720 -26902		
SK-M-698	SK-21400 -21401 -21402	SK-M-700 Sh 2	SK-24925 -14400 -14404 -14401 -14402 -14405 -14403 -14106 -14104 -14409
SK-M-699	SK-24952 -6114 -6113 -6116 -6117 -6118 -6119 -6120 -6121		
SK-M-671	SK-11320 -11321 -15202	SK-M-701 Sh 1	SK-14700 -14704 -14702 -14705 -14707 -14706 -14708 -14703 -14709 -24924
SK-M-672	SK-11314 -11315 -11416 -27210		
SK-M-682	SK-10704 -10703 -10702 -10701 -10700	SK-M-701 Sh 2	SK-14715 -14714 -14713 -14716 -14712 -14718 -14710 -14711
SK-M-684	SK-15500 -15501 -15503 -15504 -15502 -15505	SK-M-712	SK-12304 -12303 -12302 -12301 -12300
SK-M-685	SK-26925 -21307 -21306 -21305 -21304 -21302 -21301 -21300	SK-M-713	SK-12400 -12402 -12403 -12405 -12404 -12406
SK-M-686	SK-33013 -3303 -3304 -21100 -24912 -16316 -16319	SK-M-726	SK-22000 -22001 -22002 -22003 -22004
SK-M-689	SK-18613 -18601 -18600 -18203 -18603 -18604 -18605 -18606 -18614 -18615 -18607 -18608 -18610 -27211	SK-M-728	SK-13917 -13905 -13906
		SK-M-729	SK-15508 -15507 -15506
		SK-M-734	SK-9617 -9616 -9615 -9600 -9608 -9601

POOR ORIGINAL 802 180

SK-M-732	SK-9602 -9609 -9610 -9673	SK-M-766	SK-9812 -9806 -9804 -9808 -9807 -9813 -33590 -9800
SK-M-735	SK-8905 -8900 -8901 -8902 -8903 -8904 -24963	SK-M-769 Sh 1	SK-9500 -9501 -9502 -9503 -9504 -9505 -9506 -9507 -9508 -9509 -9510 -9511 -9512 -9513 -9514 -9515
SK-M-737	SK-8802 -8800 -8801	SK-M-769 Sh 2	SK-9716 -9717 -9718 -9719 -9720 -9721 -9723 -9724 -9725 -9726 -9735 -9733 -9734
SK-M-748	SK-24953 -11201 -11202 -11203 -11204	SK-M-769 Sh 3	SK-12100 -12101 -12102 -12103 -12104 -12105 -12106
SK-M-749	SK-25000 -19300 -19301 -19302 -19303 -11204	SK-M-769 Sh 4	SK-12200 -12201 -12202 -12203 -12204 -12205
SK-M-750	SK-5909 -5910 -5918 -5902 -5907 -5908 -5900 -5906	SK-M-769 Sh 5	SK-9700 -9701 -9702 -9703 -9704 -9705 -9706 -9707 -9727 -9728
SK-M-751	SK-5917 -5916 -5904 -904 -5916 -5911 -5912 -5903	SK-M-769 Sh 6	SK-9708 -9709 -9710 -9711 -9712 -9713 -9714 -9729 -9730 -9731 -9732
SK-M-756	SK-21800 -21801 -21802 -21803	SK-M-770 Sh 1 & 2	SK-16210 -16200 -16201 -16202 -16203 -16204 -16205
SK-M-760	SK-21803 -9918 -9924 -9917 -9916 -9923 -9915 -9914 -9913 -9929 -40517		
SK-M-763	SK-9818 -9817 -9816 -9815		
SK-M-764	SK-9805 -9811 -9804 -9803 -9800		
SK-M-765	SK-9825 -9819 -9826 -9820 -9821 -9822 -9823 -9827 -33586		

POOR ORIGINAL

802 181

SK-M-770
Sh 1 & 2

SK-16206
-16207
-16208
-16209
-16210
-16213
-17020
-17001
-17000
-17002
-16213
-19812
-19813
-19807
-19822
-19808
-19805
-19806
-19803
-19804
-19815
-17004
-17003
-17008
-17006
-17007
-17005
-17009
-17010
-17011
-17012
-17013
-17830
-17809
-17810
-17811
-17812
-17813
-17814
-17815
-17816
-17817
-17818
-17819
-17833
-17831
-17821
-17822
-17823
-17824
-17825
-17826
-17827
-16211
-16210
-17834
-17800
-17801
-17802
-17803
-17828
-17829
-17804
-17806
-17805
-17807
-17808
-17834
-19820
-19821
-19819
-19817
-19818
-19816
-19800
-19809
-19810
-19811
-17820
-17832
-19801
-19802
-19814

SK-M-77: Sh 1 SK-23210
-23264
-23227
-23229
-23228
-23248
-23244
-23230
-23242
-25251
-23250
-23224
-23225
-23249
-23226
-23252

SK-M-771 Sh 2 SK-23235
-23233
-23234
-23243
-23245
-23244
-33116
-23241
-23239
-23238
-23237
-23239

SK-M-772 Sh 1 SK-32086
-32095
-30501
-21007
-27212
-2417
-2418
-26909
-26001
-2423
-2424
-2425
-2400
-21001
-21000
-33000
-21002
-21008
-21004
-26908

SK-M-772 Sh 2 SK-2439
-2438
-2430
-2441
-2430
-21202
-2429
-21201
-2427

SK-M-773 Sh 3 SK-32795
-35883
-30502
-21204
-32900
-21205
-2433
-19700
-32096
-19702
-19701
-19700
-21203
-33001
-2000
-25700
-26000
-2003
-2004
-2007
-2002
-25704
-2006
-2005

POOR ORIGINAL

802 182

SK-M-775	SK-20701 -20702 -20703 -20700 -26906 -20807 -20808 -20805 -20806 -20809 -20803 -20804 -20800 -20801 -20802	SK-M-791	SK-24917 -944 -945 -947
		SK-M-792	SK-28206 -1832 -1833
		SK-M-813	SK-20905 -20906 -20903 -20904 -20902
SK-M-778	SK-20500 -25009	SK-M-821	SK-20901 -20900 -35241
SK-M-780	SK-24902 -17907 -17906 -17908	SK-M-822	SK-27908 -27907 -27906 -27308 -27307 -27304 -35415
SK-M-761	SK-17901		
SK-M-782	SK-17900	SK-M-823	SK-24400 -24401 -24402 -24403 -24405 -24406 -24407 -24409 -24410 -35242 -35415 -35528 -24414 -35528
SK-M-783	SK-13805 -13802 -13410 -13800 -13808		
SK-M-784	SK-13805 -13802 -13410 -35516 -13400 -13408	SK-M-824	SK-24500 -24501 -24502 -24503 -24504 -24505 -24506 -24507 -24508 -24509 -24510
SK-M-785	SK-13805 -15912 -13802 -13406 -13410 -13407 -13409 -13404		
SK-M-786	SK-13804 -35497	SK-M-825	SK-24601 -24602 -24603 -24604 -24605 -24606 -24607 -24608 -24609 -24611
SK-M-787	SK-15600 -15601 -15602 -15603 -15604 -15605 -15606 -15607 -15608 -15609 -15610 -15611 -15612 -15613 -24917	SK-M-826	SK-24700 -24701 -24702 -24703 -24704 -24705 -32077 -24706 -24707 -24708 -24709 -24710 -24711 -24713 -24712 -24714
SK-M-788	SK-15700 -15701 -15702 -15703 -15704 -15705 -15706 -15707 -15708 -15709 -15710 -15711 -15712 -15713 -15714 -28206	SK-M-827	SK-24715 -24716 -24717 -14718 -24719

POOR ORIGINAL

802 183

SK-M-829	SK-26800	M-178	SK-6416
	-26801		-6406
	-26802		-6400
	-26803		-6407
	-26804		-6408
	-26805		-6401
	-26806		-6409
	-26807		-6405
	-26808		-6403
	-26809		-6402
	-26810		-6410
	-26811		-6411
	-26812		-6412
	-1924		-6404
	-1925		-6413
SK-M-831	SK-28204		-6415
	-1926		-4069
	-1927		-4071
SK-M-832	SK-28205		-4072
	-5919		-4074
SK-M-833	SK-5920		-4058
	-5921		-4063
	-5922		-4065
	-5923		-4068
	-5924		-4056
			-4057
			-4086
			-4087
			-4088
			-4089
SK-M-839 Sh 1	SK-34304		-33801
	-34305		-33802
	-34301		-33803
	-34302		-33207
	-34306		-33045
	-34307		-33800
	-34308		-33813
			-33814
SK-M-839 Sh 2	SK-31807		-33812
	-31806		-33206
	-31804		-33815
	-31805		
	-31803		
	-31802		
	-31801		
	-31800		
SK-M-839 Sh 3	SK-33700		
	-33701		
	-33702		
	-33703		
SK-M-839 Sh 4	SK-31700		
	-31701		
	-31702		
	-31705		
	-31703		
	-31706		
	-31707		
SK-M-1086	SK-40294		
	-4919		
	-4917		
	-40289		
	-4916		
	-40292		
	-40293		
	-40290		
	-40291		
	-27207		

POOR ORIGINAL

802 184

HANGER SKETCH NUMBERS FOR UNIT #2

SKM-608 SH 19

SK-2-1102
2-1108
2-1109
2-1111
2-1120
2-1123
2-1117
2-1113
2-1129
2-1133
2-1136
2-1134

SKM-608 SH 20

SK-2-1639
2-1640
33128
2-1615
2-1616
2-1631
2-1641
2-1629
2-1628
2-1627
2-1625
2-1618
2-1617
2-1623
2-1621

SKM-608 SH 21

SK-2-1735
2-1736
2-1737
2-1738
2-1720
2-1721
2-1722
2-1723
2-1724
2-1725
2-1727

SKM-608 SH 22

SK-2-1404
2-1407
2-1410
2-1405
2-1402
2-1400
2-1412
2-1413

SKM-608 SH 23

SK-27114
2-1614
2-1612
2-1613
2-1611
2-1637
2-1636
2-1638
2-1632
2-1635
2-1634

SKM-608 SH 24

SK-2-1417
2-1420
2-1426
2-1423
2-1424
2-1429
2-1440
2-1438
2-1436
2-1432
2-1434

SKM-608 SH 25

SK-2-1306
2-1308
2-1304
2-1303
2-1300
27197
2-1128
2-1138
2-1129
2-1130
2-1131
2-1126

SKM-608 SH 27

SK-36648
2-167
36649
2-166
2-165
2-164
2-163
2-162
2-172
2-176
2-174
2-173
2-171
2-172
2-170
2-169

SKM-608 SH 28

SK-2-1705
2-1706
2-1704
2-1734
2-1702
2-1703
2-1700
2-1701
2-1712
2-1713
2-1708
2-1716
2-1715
2-1717
33543
2-1714
2-1711
2-1710
2-1709

SKM-608 SH 29

SK-2-1726
2-1728
2-1731
2-1730
2-1733
36633
2-1732
2-1719
2-1718

SKM-628

SK-35815
27166
2-10602
2-10605
27161
35817
2-10616
27159
2-10617
2-10605
2-10609
27163
27164
2-10614
2-10615
27165
2-10613
35816
2-10618
27162
35377
27160
2-10608
2-10601
35376
27158
2-10612
2-10604
27157
2-10611
2-10600
2-10607
2-10606
2-10603
2-10610

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HANGER SKETCH NUMBERS FOR UNIT #2

SKM-629 SH 7	SK-2-8000 2-8001 2-8002 2-8003 2-8004	SKM-635 SH 2	SK-13205 13200 13201 13202 13203 13204 13206
SKM-634 SH 2	SK-33134 5323 5324 5321 5314 5322 5318 5317 5316 25015 5315 5319 5320	SKM-660 SH 1	SK-12813 12802 12812 12806 12811 12805 12807 12803 12802 12801 12804 12800 24947
SKM-634 SH 5	SK-27105 27106 18448 18435 18443 18444 18446 18447 18436 18434 18442 18437 18433 18438 18439 18440 18445	SKM-660 SH 2	SK-35392 35393
SKM-634 SH 6	SK-18401 18402 13905 13906 13904 18410 18408 18406 18407 18405 18404 18411 18414 18417 18415 18414 18413	SKM-687	SK-24950 11908 35810 11906 11905 11903 11900 11902 11901 36496 36495 36575 35811 36497 35555
SKM-634 SH 7	SK-5411 5412 5413 5404 5405 5414 5406 5415 5407 25015 5408 5409 5410 5403 5402 5401 5400	SKM-702	SK-2-10703 10700 27188
SKM-635 SH 1	SK-13106 13102 13103 13105 13104 13101 13100	SKM-703	SK-33134 2-16000 2-16004 2-16002 36298 2-16005 36316 36314 36394 36393 27116 27100
		SKM-704	SK-27145 35985 36101 35986 36207 35981 27112 36206 36205 36204 36203 36202 36201 36200 2-14300 14300
		SKM-705	SK-27139 36511 36512 36513 36514 36226 36502 36731

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HANGER SKETCH NUMBERS FOR UNIT #2

SKM-705 (cont'd)	SK-2-12800 2-12802 2-12801 2-12803 36396 27139	SKM-714	SK-2-9302 9309 2-9301 2-9312 2-9311 2-9310 9307 9308 2-9305 27108 9306 27108 9307 2-9303 2-9304 2-9300
SKM-706	SK-2-6115 2-6117 2-6118 2-6119 35886		
SKM-707	SK-36145 36146 36147 36148 36149 36150 36151 36152 36153 35982 36154 33580	SKM-716	SK-36493 2-11300 2-11301 27101 2-11329
SKM-708	SK-2-7801 36142 36143 36144 27125 27121 2-7806 2-7807 2-7808 2-7812 2-7813 2-7809 2-7810 2-7811 36134 36135 36136 36137 36138 36139 36140 36141	SKM-717	SK-35178 2-11325 2-11302 2-11303 3-11304
		SKM-718	SK-27103 2-11326 2-11305 2-11306 2-11328 2-11322 36504 2-11307 2-11308 2-11310 2-11323 2-11324 2-11309
		SKM-719	SK-2-10013 27110 27182 2-10014
SKM-709	SK-27117 2-15105 2-15104 2-15103 2-15102 2-15100 2-15101 36776 36293 36314 36310 36309 27119	SKM-720	SK-2-10010 2-10011 2-10012 2-10000 2-10001 2-10002 2-10003 2-10004 2-10005 2-10006 2-10007 2-10008 33586 2-10009 33586
SKM-710	SK-33542 36274 36506 36631 36273 36630 36271 36529 36267	SKM-721	SK-2-8906 2-8903 2-8904 2-8900 2-8901
		SKM-722	SK-2-13911 2-13912 2-13913 2-13914 2-13915 2-13916 2-13920 2-13919 2-13918 2-13917 2-13922 35557
SKM-711	SK-2-8005 2-8006 2-8007 27107		

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HANGER SKETCH NUMBERS FOR UNIT # 2

SKM-723	SK-27105 2-14909 2-14908 2-14907 2-14906 2-14905 2-14902 2-14904 2-14903 2-14901 2-14900	SKM-758	SK-2-15111 36624 2-15110 2-15109 36625 2-15108 2-15107 2-15106 27118
SKM-724	SK-27106 2-15011 2-15012 2-15009 2-15010 2-15007 2-15008 2-15006 2-15005 2-15004 2-15003 2-15002 2-15000 2-15001	SKM-759	SK-9909 9903 9902 9901 9912 9900
SKM-725	SK-27104 2-23400 2-23401 2-23402 2-23403 2-23404 2-23405 2-23406 2-23407 2-23408	SKM-761	SK-9911 9930 9907 9905 9904
SKM-730	SK-2-22004 2-22002 2-22001 2-22000	SKM-762	SK-9912 9922 9925 9921 9920 9919
SKM-732	SK-2-13900 2-13902 2-13904 2-13906 2-13907 36419 2-23300 2-23301 2-23302 2-23304 27104	SKM-765	SK-33588 9827 9823 9822 9820 9821 9826 9819 9825
SKM-738	SK-36184 2-8911 35990 2-8910 2-8909 2-8908 35988 35989	SKM-766	SK-33590 9813 9807 9808 9809 9806 9812
SKM-739	SK-2-9600 2-9601 2-9602 27146 35987	SKM-772 SH 5	SK-2-303 2-304 2-306 2-305 33115 2-302 2-301 2-300
SKM-741	SK-33100 2-20700 2-20701 2-20702 2-20703 2-20705 2-20706 33586	SKM-777	SK-17601 17600
		SKM-779	SK-20600 20601 20602 20604 20605 25015 20606 20607 20608 20616 20611 20614 20613 20610 20609 25013 20612
		SKM-785	SK-15912 13805 13802 13406 13410 13407 13409 13404 SK-13806 13807 13809 35497 13804
		SKM-786	

POOR ORIGINAL

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HANGER SKETCH NUMBERS FOR UNIT #2

SKM-789

SK-33549
15818
15817
15816
15815
15814
15813
15812
15811
15810
15809
15808
15807
15806
15805
15803
15802
15801
15800
36132

SKM-790

SK-15900
15901
15902
15903
15904
15905
15906
15907
15908
15909
15914
15910
15911
35264
15913
24916

SKM-793

SK-33549
2-1833

SKM-794

SK-2-948
2-946
2-945
2-944
24916

SKM-817 SH 35

SK-2-13621
2-13625
2-13641
2-13620
35818
2-13618
2-2642
2-13630
2-13631
2-607
2-13633
2-13634
2-13635
28225
2-2371
2-2301

SKM-845 SH 1

SK-2-18319
2-18318
2-18321
2-19320
2-18308
2-18309
2-18316
2-18317
2-18315
2-18314
2-18312
2-18313
2-18304
2-18303
2-18305
2-18306
2-18300

SKM-845 SH 2

SK-2-17100
2-17116
2-17101
2-17102
2-17103
2-17104
2-17106
2-17105
2-17107
2-17108
2-17109
2-17110
2017111
2-17112
2017113
2-17114
2-17115

SKM-845 SH 3

SK-2-18714
2-18715
2-18712
2-19713
2-18711
2-18710
2-18706
2-18707
2-19708
2-18709
2-18705
2-18704
2-18702
2-18700
2-18701

SKM-845 SH 4

SK-2-17717
2-17716
2-17715
2-17714
2-17713
2-17712
2-17711
2-17710
2-17709
2-17708
2-17707
2-17706
2-17705
2-17704
2-17703
2-17702
2-17701
2-17700

SKM-856

SK-2-19101
2-19100
2-19102
2-19103
2-19104
2-19105
36750
2-19118
2-19117
2-19107
2-19145
2-19143
36755
2-19138
2-19137
2-19136
2-19128
2-19140
2-19127
2-19126
36749
2-19123
36751
2-19125
36752
2-19148
2-19144
2-19145
2-19141
2-19142
2-19140
2-19139
2-19138

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HANGER SKETCH NUMBERS FOR UNIT #2

SKM-876 SH 1

SK-2-12705
2-12713
2-12714
2-12715
2-19025
2-19026
2-12713
2-12716
2-12717
2-12718
2-12719
2-12720
2-12721
36670
2-19038
2-19037
2-19009
2-19031
2-19016
2-19015
2-19032
2-19027
2-19030
2-19008
2-19007
2-19006
2-19029
2-19038
2-19002
2-19003
2-19004
2-19005
2-12711
2-12712
2-12710
2-12709
2-12708
36667
2-12707
2-12706
36682

SKM-876 SH 2

SK-2-12722
2-12723
36671
2-17524
2-17508
2-17507
2-17506
2-17505
2-17502
2-17501
2-17523
2-17500
2-17511
2-17516
2-17517
2-17522
2-17521
2-17512

SKM-878

SK-2-4102
2-16309
2-4101
2-16310
2-4100
2-4104
2-16317
2-4105
36660
2-16305
2-16306
2-16304
2-16303
2-16302
2-16301
2-16300

SKM-879

SK-2-16312
2-16313
2-16314

SKM-880 SH 1

SK-2-9500
2-9501
2-9502
2-9505
2-9506
2-9508
2-9509
2-9510
36192
2-9513
2-9511
2-0512
2-9514

SKM-880 SH 2

SK-2-9700
2-9701
2-9702
2-9703
2-9705
2-9704
2-9706
2-9707
2-9708
2-9710
2-9711
35879
2-9709
2-9712

SKM-880 SH 3

SK-2-12107
2-12100
2-12102
2-12101
33520
2-12103
2-12104
2-12105
2-12106

SKM-880 SH 4

SK-2-12200
2-12201
2-12202
2-12203
33554
2-12207
2-12208
2-12209
2-12204
2-12205
2-12206

SKM-880 SH 5

SK-2-9729
2-9730
2-9731
2-9732
2-9733
2-9735
35880
2-9736
2-9737

SKM-880 SH 6

SK-2-9713
2-9714
2-9716
2-9718
2-9719
2-9720
33531
2-9721
2-9722
2-9723
2-9728
2-9727
2-9724
2-9725
2-9726

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HANGER SKETCH NUMBERS FOR UNIT #2

SKM-881	SK-2-16405 2-16406 2-16407 2-16408 2-16410 33556 2-16412 2-16413 2-16411 2-16400 2-16401 2-16402 2-16409 2-16427 2-16403 2-16404	SKM-890	SK-27108 36155 36156 36157 36158 36159 36160 36161 36162 2-13301 2-13302 36163 2-13303 36164 36165 27124 27152
SKM-882	SK-33553 2-17203 2-17202 2-17201 2-17200	SKM-891	SK-33589 35910 35909 35908 35907 35906 35905 35904 35903 35902 35901 35900 33557
SKM-883 SH 1	SK-2-16100 2-16101 2-16102 2-16103 2-16104 2-16105 2-16106 2-16107 2-16108 36534 2-16110 2-16111 2-16112 2-16113	SKM-892 SH1	SK-2-10325 2-10326 2-10327 2-10329 2-10332 2-10331 2-10330 2-10318 2-10308 2-10337 2-10326 2-10325 2-10319 2-10306 2-10338 2-10310 27148 2-10309 2-10301 2-10302 2-10313 2-10323 2-10324 2-10316 2-10317 2-10314 2-10307 2-10303 2-10304 2-10315 2-10333 2-10334
SKM-883 SH 2	SK-2-16116 2-16119 2-16109		
SKM-884	SK-2-7002 2-7003 27147		
SKM-885	SK-2-17300 2-17301 2-17302 2-17303 27150 27147		
SKM-886	SK-2-12400 2-12401 2-12402 2-12403 2-12405 2-12404 2-12406		
SKM-887	SK-2-7001 2-7000 27149		
SKM-888	SK-2-17400 2-17401 2-17402 2-17403 2-17404 27149	SKM-892 SH 2	SK-17140 2-10311 2-10335 2-10312 2-10315 27125 2-10300 2-10300
SKM-889	SK-2-5911 2-5912 2-5913 2-5909 2-5910 2-5906	SKM-893	SK-33556 2-20308 33555 2-20302 2-20301 2-20300 2-20304 2-20305 2-20306 2-20307 2-20303

POOR ORIGINAL

HANGER SKETCH NUMBERS FOR UNIT #2

SKM-894	SK-2-33580 2-16414 2-16415 2-16416 2-16417 2-16418 2-16419 2-16420	SKM-906	SK-27167 2-100 2-101 2-102 2-104 2-111 2-105
SKM-895	SK-33557 2-16422 2-16423 2-16424 2-16425 2-16426	SKM-907	SK-2-124 2-123 2-121 2-120 2-119
SKM-896	SK-27116 2-1619 27115 36683 2-1610 2-1609 2-1600 2-1601 2-1642 2-1602 2-1603 2-1604 2-1605 2-1606 2-1607 2-1608 27171 2-1100 2-1140 2-1105 2-1135 2-1101 36571	SKM-908	SK-27168 2-118 2-115 2-116 2-114 2-112 2-109 2-107
		SKM-909	SK-2-1025 2-1026 2-1024 35837 2-1023 2-1014 2-1010
		SKM-910	SK-2-183 2-181 2-179 2-180 2-13642
SKM-898	SK-2-12300 2-12301 2-12302 2-12303 2-12304 2-12306	SKM-911 SH 1	SK-2-1906 2-1907 2-1911 2-1909 2-1910 2-1900 2-1901 2-1902
SKM-899	SK-27140 2-5900 2-5901 2-5902 2-5903 2-5904 2-5905 2-5906 2-5907 27141	SKM-911 SH 2	SK-2-1915 2-1914 2-1913 2-1912 2-1925 2-1926 2-1916 2-1917 2-1918 2-1919 2-1920
SKM-900	SK-2-5914 33536 2-5922 2-5921 2-5919 2-5920 2-5903 2-5917 2-5916 2-5915 27140	SKM-911 SH 3	SK-2-907 2-913 2-914 2-916 2-918 27194 2-929 2-924 2-921 2-916 2-918
SKM-905	SK-2-1000 2-1003 2-1005 2-1008 2-1007 2-1021 2-1018 2-1022 27193 27192 2-1020	SKM-911 SH 4	SK-27167 2-1806 2-1808 2-1810 2-1804 2-1814 2-1825 2-1823 2-1819 2-1818 2-1827 2-1830 27168 27113

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HANGER SKETCH NUMBERS FOR UNIT #2

SKM-911 SH 5	SK-2-905 2-904 2-940 2-935 2-937 2-932 2-900 27177 27112 2-7195	SKM-928	SK-2-21300 35253 2-21301 35252 2-21302 2-21303 2-21304 35251 36432 36431 36430 36429 36428 36427 36426 33128
SKM-912	SK-2-11202 2-11201 2-11204 2-11205		SK-25602
SKM-913	SK-2-19303 2-19300	SKM-929	
SKM-914	SK-2-13644 2-13645 2-13646 2-13647 2-13648 2-13649 32036 2-32404 2-32403 32038 2-32401 33558 2-13651 2-13650 32039 33539	SKM-931	SK-2-15114 2-15115 2-15116
		SKM-932	SK-2-15112 33521 2-15113 33532 2-23209
		SKM-933	SK-2-23212 2-23211 33566
		SKM-934 SH 1	SK-2-20800 2-20801 2-20802 2-20803 2-20804 2-20805 2-20806 2-20807 2-20808 2-20809
SKM-915	SK-27153 2-5201 2-5202 2-5200		SK-2-20813 2-20812 2-20811
SKM-916	SK-27145	SKM 934 SH 2	
SKM-917	SK-35979 35980 27154 35969 35970 35971 35972 35973 35974 35975 35976 35977 35978 2-11200	SKM-935 SH 1	SK-2-207 37075 2-202 2-209 2-210 37076 2-205 2-206 2-212 36245
			SK-2-200 37074 2-211 36244
SKM-918	SK-33550 2-1921	SKM-935 SH 2	
SKM-919	SK-33551 2-1923 2-1924	SKM-937	SK-2-6100 36523 2-6104 2-6105 2-6106 36530 36531 2-6103 2-6102 2-6101 2-6112 2-6110 2-6107
SKM-922	SK-33591 2-21800 2-21801 2-21802 2-21803 2-21804 2-21805		
SKM-923	SK-27122 2-21100 36479 36478 27115		

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HANGER SKELETON NUMBERS FOR UNIT #2

SKM-938 SH 1

SK-2-20003
2-20005
2-20006
2-20007
2-20000
2-20001
2-20002

SKM-932 SH 2

SK-2-19908
2-19907
2-19906
2-19905
2-19904
2-19903
2-19902
2-19901
2-19900
2-19914
2-19915
2-19916
2-19913
2-19911
2-19909
2-19910
2-19912

SKM-939

SK-36469
26468
2-15200
36467
2-15202
36466
36425
36470
36471
36472
36473
36474
36475
36476
36477

SKM-941 SH 1

SK-32021
2-841
2-842
2-843
2-846
2-847
2-848
2-844
2-845
2-837
2-838
2-839
2-840
2-850
35254
2-849
2-852

SKM-941 SH 2

SK2-802
2-800
32021
2-817
2-818
2-819
2-821
2-822
2-823
2-824
2-825
2-826
2-827
2-828
2-830
2-831
2-832
2-833
2-816
2-836
2-833
2-815
2-813
2-814

2-811
2-809
2-807

SKM-941 SH 2 (cont'd)

SK-2-808
2-805
2-806
2-804

SKM-942

SK-2-853
36645
36644
2-541
2-542
2-540
2-539
2-538
2-537
2-535
2-534
2-533
2-532
2-531
2-530
32022
2-513
2-514
2-515
2-516
2-517
2-518
2-519
2-520
2-521
2-522
2-523
2-524
2-525
2-526
2-527
2-528
2-512
2-511
2-510
2-508
2-507
2-506
2-505
2-504
2-500
2-502
2-501

SKM-943 SH 1

SK-2-17829
2-17828
2-17805
2-17804
2-17807
2-17808
27179
2-19819
2-19820
2-19816
2-19817
2-19818
2-19800
2-19823
2-19824
2-19804
2-19810
2-19811
2-19825
2-19801
2-19814
2-19826

SKM-943 SH 2

SK-2-16208
2-16207
2-16206
2-16205
2-16204
2-16202
2-16203
2-16201
2-16200
2-17811
2-17801
2-17800
2-17809
2-17827
2-17826
2-17834

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HANGER SKETCH NUMBERS FOR UNIT #2

SKM-943 SH 2 (cont'd)

SK-2-16200
33593
2-17824
2-17822
2-17823
2-17835
2-17831
2-17832
2-17820
2-17817
2-17818
2-17815
2-17836
2-17814
2-17813
2-17830
2-17837

SKM-943 SH 3

SK-33587
2-16242
2-16241
2-16240
2-16239
2-16238
2-16237
2-16236
2-16235
2-16234
2-16233
33592
2-16226
2-16227
2-16229
2-16228
2-16232
2-16230
2-16231

SKM-943 SH 4

SK-2-19805
2-19806
2-19822
2-19804
2-16212
2-19808
2-19813
2-19812
2-16213
2-16214
2-16215
2-16216
2-16222
2-16224
2-16225
2-16223
2-16220
2-16219
2-16210

SKM-944

SK-2-10705
2-10704
2-10706
2-10708
2-10707

SKM-945 SH 1

SK-2-508
2-605
2-604
2-612
2-611
2-609
2-610

SKM-945 SH 2

SK-2-609
2-616
2-600
2-603
2-607
35749
2-618
2-619

SKM-946

SK-2-36218
2-24400
2-24401
2-24402
36231
36219
2-24400
2-24404
2-24406
2-24407
2-24409
36248
36249
2-24418
2-24414
2024411
2-24408
2-24415
2-24416
2-24417

SKM-947

SK-2-24500
35878
2-24501
2-24503
2-24504
2-24505
2-24506
2-24507
2-24508
2-24510

SKM-948

SK-2-24602
2-24601
2-24605
36420
2-24606
2-24604
2-24607
2-24608
2-24620
2-24614
2-24621
2-24616
2-24615
2-24617
2-24618

SKM-949

SK-2-24701
2-24700
2-24702
2-24703
2-24704
36266
2-24705
2-24706
36265
36251
2-24707
36268
2-24708
36269
36311
2-24710
2-24711
2-24713
2-24712

SKM-950

SK-2-24718
2-24719
2-24717
2-24716
2-24715

SKM-952 SH 1

SK-2-2445
2-21008
2-21009
2-21010
2-2367
35371
2-21012
35176
2-21011

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HANGER SKETCH NUMBERS FOR UNIT #2

SKM-952 SH 2

SK-2-2438
2-21207
2-21214
2-21206
2-2428
2-2440
2-2426
2-21204
2-21205
35177

SKM-952 SH 3

SK-2-21215
2-21213
2-2434
2-21211
2-21212
2-21210
2-21202
2-21203
2-21208
33115

SKM-952 SH 4

SK-2-21001
2-21000
2-21004
2-21002
2-21003
2-21005
2-21006

SKM-953

SK-27126
2-8100
2-8102
2-8103
2-8104
2-8105
2-8106
2-8107
2-8108
33543
33544
2-8109
2-8111
2-8110

SKM-954

SK-32099
2-140
2-139
2-138
2-136
2-134
2-133
2-132
2-131
2-130
2-125
2-126
2-127
2-128
2-158
2-152
27196
2-129

SKM-955

SK-2-142
2-141
32099
2-143
36409
2-146
2-148
2-149
2-150
2-151
33583
27114
2-155
2-160
2-153
2-144
2-145

SKM-956

SK-35757
2-1512
2-1500
2-1502
2-1506
2-1516
2-1510
27196
27119

SKM-957

SK-35836
2-18100
2-18105
2-18107
2-18101
2-18102
2-18103
2-18104
27143
2-18108

SKM-958

SK-2-18610
36592
36593
36594
36595
36596
36597
2-18611
27103
2-18609
2-18607
2-18606
2-18608
2-18605
27126
36590
36589
36588
36587
36586
36585
27123
2-18602
36584
35836

SKM-959

SK-35175
36460
36433
36434
2-18900
36435
36437
36438
27155
2-18903
35178
36439
36440
36441
36442
36461
36443
36444
36445
36392

SKM-960

SK-27101
2-1203
2-1200
2-1202
2-1208

SKM-961

SK-33583
36222
36223
36224
36225
36226
36227
36228

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HANGER SKETCH NUMBERS FOR UNIT #2

SKM-962 SH 1	SK-27188 33566 2-23206 2-23205 33567 2-23208 2-23218	SKM-986 SH 2	SK-2-31700 2-37101 2-37102 2-31703 2-31704 2-31705 2-31706
SKM-962 SH 4	SK-2-23200 2-23201 2-23204 2-23202	SKM-986 SH 3	SK-2-31800 2-31802 2-31801 2-31803 2-31804 2-31805 2-31806
SKM-963	SK-2-22005 2-22006 2-22007 2-22008 36464	SKM-996	SK-35341
SKM-964	SK-36426 36427 36428 36441 36429 36430 36431 36635 36432	SKM-997	SK-35757 36451 36450 36463 36449 36462 36448 36447 36446 36403 2-10200 2-10201 2-10202 2-10203 2-10204 2-2604 2-10205 35763 2-13000 36402
SKM-966	SK-2-18204 2-18203 35836 2-18201 2-18202 2-18200	SKM-998	SK-2-5700 2-5701 2-5703 2-5702 2-5800 2-5801 2-5802 2-5803 2-5804 2-5805 2-5806 2-5807 2-5809 2-5808 2-5810 2-5811
SKM-967	SK-2-26800 2-26801 2-26802 2-26803 2-26804 2-26805 2-26806 2-26807 2-26808 2-26813 2-26812 2-26810	SKM-1000 SH 1	SK-27142 36247 36410 2-6502 2-6503 35793 36247 2-6500 2-6501 36404
SKM-981	SK-2-5300 2-5301 2-5302 2-5303 2-5304 2-5305 2-2615 2-2617 2-5307 2-2618 2-5308 2-5309 2-2619 2-2620 2-2622 2-5312 2-5313 2-5315 2-2365	SKM-1001	SK-27139 2-6702 2-6701 2-6700 36650 36642
SKM-986 SH 1	SK-2-34300 2-34301 2-34303 2-34304 2-34308 2-34305 2-34310 2-34307 2-34309	SKM-1002	SK-35886 2-11500 2-11504 2-11501 2-11505 2-11502 2-11503 2-11506 2-11507

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HANGER SKETCH NUMBERS FOR UNIT #2

SKM-1019	SK-2-13005 2-13008 2-13004 2-13009 2-13010 2-13011 36183	SKM-179 (cont'd)	SK-2-6270 2-6271 2-6272 2-6273 36651 36654 36653 35249 2-6258 2-6259 2-4020 2-4021 2-4069 2-4070 2-4071 2-4066 2-4067 2-6337 2-6238 2-4001 2-4002 2-4003 2-4004 2-4005 2-4006 2-4007 2-4008 2-4009 2-4010 2-4011
SKM-1020	SK-2-11600 2-11601		
SKM-1023	SK-36424 2-12700 2-12701 2-12703 2-12704		
SKM-1048	SK-36979 36888 36887 36886 36885		
SKM-1087	SK-37083 2-4937 37080 27141 2-4935 37082 37081		
SKM-1600	SK-2-28109 36637 2-11835 2-11836 36641		
SKM-1601	SK-36647 36658 36659 2-28112 36638 36665		
SKM-179	SK-2-6400 2-6401 2-6402 2-6403 2-6404 2-6405 2-6406 2-6407 2-6409 2-6410 2-6411 2-6412 2-6288 2-6287 2-6286 2-6285 2-6246 2-6242 2-6240 2-6243 2-6278 2-6277 2-6276 2-6275 2-6248 2-6247 2-6254 2-6255 2-6245 2-6244 2-6256 2-6250 2-6257 2-6260 2-6261 2-6263 2-6262 36652		

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VALVE LIST FOR UNITS 1 & 2

BECHTEL MARK NO.	VENDOR	VENDOR DWG NO.	DESCRIPTION	REVISION	DATE	REMARKS
29 & 29C	POWELL	M-274B	2 1/2" - 150# GATE, B.W.	1	UNKNOWN	
	CRANE	M-274C	3" - 150# GATE, B.W.	UNKNOWN	UNKNOWN	
	POWELL	M-274B	3" - 150# GATE, B.W.	1	1-19-74	
	VELAN	M-253	3" - 150# GATE, B.W. N.C1 II	B	11-22-73	
	CRANE	M-275N	4" - 150# GATE, B.W.	B	1-12-72	
	POWELL	M-274B	4" - 150# GATE, B.W.	1	1-19-74	
	VELAN	M-253	4" - 150# GATE, B.W. N.C1 II	B	11-22-73	
	VELAN	M-253	4" - 150# GATE, B.W. N.C1 III	B	11-22-73	
	VELAN	M-253	6" - 150# GATE, B.W. N.C1 II	B	11-22-73	
	POWELL	M-274B	6" - 150# GATE, B.W.	1	1-19-74	
	CRANE	M-275N	6" - 150# GATE, B.W.	B	1-12-72	
	POWELL	M-274B	8" - 150# GATE, B.W.	1	UNKNOWN	
	VELAN	M-253	8" - 150# GATE, B.W. N.C1 III	B	11-22-73	
	VELAN	M-253	8" - 150# GATE, B.W. N.C1 II	C	12-21-73	
	POWELL	M-274B	10" - 150# GATE, B.W.	1	1-19-74	
	PACIFIC	M-275N	10" - 150# GATE, B.W.	UNKNOWN	UNKNOWN	
C-29	POWELL	M-274B	10" - 150# GATE, B.W. (17.5' CHAIN)	1	1-19-74	
	POWELL	M-274B	10" - 150# GATE, B.W. (21' CHAIN)	1	1-19-74	
	POWELL	M-274B	10" - 150# GATE, B.W. (11' CHAIN)	1	1-19-74	
	POWELL	M-274B	10" - 150# GATE, B.W. (6' CHAIN)	1	1-19-74	
	PACIFIC	M-275N	10" - 150# GATE, B.W.	UNKNOWN	UNKNOWN	
14	POWELL	M-275B	4" - 600# GATE, B.W.	4	UNKNOWN	
	CHAPMAN	M-275A	4" - 600# GATE, B.W.	UNKNOWN	UNKNOWN	
	VELAN	M-253	4" - 600# GATE, B.W. N.C1 II	D	11-25-71	
	VELAN	M-253	4" - 600# GATE, B.W. N.C1 II	B	11-26-73	
	VELAN	M-253	6" - 600# GATE, B.W. N.C1 II	D	11-25-71	
	VELAN	M-253	6" - 600# GATE, B.W. N.C1 II	B	11-20-73	
	POWELL	M-275B	6" - 600# GATE, B.W.	4	UNKNOWN	
142	POWELL	M-274B	2 1/2" - 150# GLOBE, B.W.	1	UNKNOWN	
	CRANE	M-275H	2 1/2" - 150# GLOBE, B.W.	A	UNKNOWN	
	POWELL	M-274B	3" - 150# GLOBE, B.W.	1	UNKNOWN	
	VELAN	M-253	3" - 150# GLOBE, B.W. N.C1 II	A	11-22-72	
	ROCKWELL	M-275H	10" - 300# GLOBE, B.W.	UNKNOWN	UNKNOWN	
	POWELL	M-274B	10" - 150# GLOBE, B.W.	1	UNKNOWN	
214	ROCKWELL	M-275C	16" - 900# CHECK, TILTING DISC, B.W.	B	UNKNOWN	
218	CHAPMAN	M-275A	4" - 600# CHECK, TILTING DISC, B.W.	UNKNOWN	UNKNOWN	
	CHAPMAN	M-275A	6" - 600# CHECK, TILTING DISC, B.W.	UNKNOWN	UNKNOWN	
223	VELAN	M-285	2" - 600# CHECK, LIFT TYPE, S.W.	UNKNOWN	UNKNOWN	
238	POWELL	M-274B	2 1/2" - 150# CHECK, SWING, B.W.	1	UNKNOWN	
	VELAN	M-253	3" - 150# CHECK, SWING, B.W. N.C1 II	UNKNOWN	UNKNOWN	
	POWELL	M-274B	3" - 150# CHECK, SWING, B.W.	1	UNKNOWN	
	VELAN	M-253-18	6" - 150# CHECK, SWING, B.W. N.C1 II	UNKNOWN	UNKNOWN	
	POWELL	M-274B	6" - 150# CHECK, SWING, B.W.	K	12-24-73	
	VELAN	M-253	6" - 150# CHECK, SWING, B.W.	UNKNOWN	UNKNOWN	
	POWELL	M-274B	8" - 150# CHECK, SWING, B.W.	1	UNKNOWN	
	VELAN	M-253	8" - 150# CHECK, SWING, B.W.	UNKNOWN	UNKNOWN	
257	CRANE	M-283B	30" - 125# SWING CHECK, FLGD	UNKNOWN	UNKNOWN	

POOR ORIGINAL

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BECHTEL MARK NO.	VENDOR	VENDOR LOG NO.	DESCRIPTION	REVISION	DATE	REMARKS
280	MISSION	M-276	10" - 150# CHECK, WAFER TYPE	UNKNOWN	UNKNOWN	
	MISSION	M-276	10" - 150# CHECK, WAFER TYPE	B	4-29-71	
	MISSION	M-276	14" - 150# CHECK, WAFER TYPE	B	4-29-71	
	MISSION	M-276	16" - 150# CHECK, WAFER TYPE	B	4-29-71	
	MISSION	M-276	18" - 150# CHECK, WAFER TYPE	UNKNOWN	UNKNOWN	
417	PRATT	M-297	30" - 125# BUTTERFLY, FLGD	UNKNOWN	UNKNOWN	
417G	PRATT	M-297	30" - 125# BUTTERFLY, FLGD, GEAR OP.	UNKNOWN	UNKNOWN	
418	PRATT	M-297	3" - 150# BUTTERFLY, FLANGLESS	2	8-14-72	
	PRATT	M-297	4" - 150# BUTTERFLY, FLANGLESS	2	8-12-72	
	PRATT	M-297	6" - 150# BUTTERFLY, FLANGLESS	2	8-12-72	
418C	PRATT	M-297	4" - 150# BUTTERFLY, FLANGLESS, GEAR OP.	UNKNOWN	UNKNOWN	
	PRATT	M-297	8" - 150# BUTTERFLY, FLANGLESS, GEAR OP.	UNKNOWN	UNKNOWN	
	PRATT	M-297	10" - 150# BUTTERFLY, FLANGLESS, GEAR OP.	UNKNOWN	UNKNOWN	
	PRATT	M-297	12" - 150# BUTTERFLY, FLANGLESS, GEAR OP.	UNKNOWN	UNKNOWN	
	PRATT	M-297	14" - 150# BUTTERFLY, FLANGLESS, GEAR OP.	UNKNOWN	UNKNOWN	
	PRATT	M-297	18" - 150# BUTTERFLY, FLANGLESS, GEAR OP.	UNKNOWN	UNKNOWN	
418C	PRATT	M-297	10" - 150# BUTTERFLY, FLANGLESS, CHAIN OP.	UNKNOWN	UNKNOWN	
29H3	VELAN	M-281	6" - 300# GATE B.W. N CLASS 2	L	8-26-72	
	VELAN	M-281	8" - 300# GATE B.W. N CLASS 2	L	8-26-72	
	VELAN	M-281	10" - 300# GATE B.W. N CLASS 2	L	8-26-72	
	VELAN	M-281	14" - 300# GATE B.W. N CLASS 2	L	8-26-72	
29H3	VELAN	M-281	3" - 150# GATE B.W. N CLASS 3	L	8-26-72	
	POWELL	M-279	3" - 150# GATE B.W.	1	8-26-72	
	POWELL	M-281	3" - 150# GATE B.W. N CLASS 2	L	8-26-72	
	POWELL	M-279	4" - 150# GATE B.W.	1	8-26-72	
	VELAN	M-281	4" - 150# GATE B.W. N CLASS 2	L	8-26-72	
	VELAN	M-281	8" - 150# GATE B.W. N CLASS 3	L	8-26-72	
	POWELL	M-279	8" - 150# GATE B.W.	1	8-26-72	
	VELAN	M-281	8" - 150# GATE B.W. N CLASS 2	L	8-26-72	
	VELAN	M-281	8" - 300# GATE B.W. N CLASS 2	L	8-26-72	
	VELAN	M-281	10" - 150# GATE B.W. N CLASS 2	L	8-26-72	
FST 29H3	VELAN	M-281	4" - 150# GATE B.W. N CLASS 3	C	5-17-74	
	VELAN	M-281	8" - 150# GATE B.W. N CLASS 2	C	5-17-74	
C 29H3	POWELL	M-279	4" - 150# GATE B.W.	UNKNOWN	UNKNOWN	
10 H3	VELAN	M-282	3" - 900# GATE B.W. N CLASS 2	C	2-27-76	
142 H3	VELAN	M-281	3" - 150# GLOBE B.W. N CLASS 3	C	4-05-71	
	POWELL	M-279	3" - 150# GLOBE B.W.	B	UNKNOWN	
	VELAN	M-281	8" - 150# GLOBE B.W. N CLASS 3	G	4-05-71	
207 H3	VELAN	M-282	6" - 1500# CHECK B.W.	H	12-21-73	

POOR ORIGINAL

BECHTEL MARK NO.	VENDOR	VENDOR TAG NO.	DESCRIPTION	REVISION	DATE	REMARKS
SI 215	ATWOOD & MORRILL	M-733-2	12" - 1500# CHECK B.W.	6	5-07-73	See 207 M3
SI 225	ATWOOD & MORRILL	M-733-2	12" - 1500# CHECK B.W.	6	5-07-73	See 207 M3
SI 235	ATWOOD & MORRILL	M-733-2	12" - 1500# CHECK B.W.	6	5-07-73	See 207 M3
SI 245	ATWOOD & MORRILL	M-733-2	12" - 1500# CHECK B.W.	6	5-07-73	See 207 M3
SI 217	VELAN	M-733-3	12" - 1500# CHECK B.W.	A	8-14-70	See 207 M3
SI 227	VELAN	M-733-3	12" - 1500# CHECK B.W.	A	8-14-70	See 207 M3
SI 237	VELAN	M-733-3	12" - 1500# CHECK B.W.	A	8-14-70	See 207 M3
SI 247	VELAN	M-733-3	12" - 1500# CHECK B.W.	A	8-14-70	See 207 M3
210 M3	VELAN	M-285	2" - 1500# CHECK S.W. N. CLASS 1	E	11-05-74	
	VELAN	M-285	2" - 1500# CHECK S.W. N. CLASS 2	E	11-05-74	
	ROCKWELL	M-285B	2" - 1500# CHECK S.W. N. CLASS 1	UNKNOWN	UNKNOWN	
SP 210 M3	VELAN	M-285	2" - 1500# CHECK S.W. N. CLASS 1	E	11-05-74	
	VELAN	M-285	2" - 1500# CHECK S.W. N. CLASS 2	E	11-05-74	
SI 405	VELAN	M-733	8" - 900# CHECK B.W.	B	10-11-70	See 214 M3
SI 427	VELAN	M-733	8" - 900# CHECK B.W.	B	10-11-70	See 214 M3
SI 414	VELAN	M-733	8" - 900# CHECK B.W.	B	10-11-70	See 214 M3
234 M3	VELAN	M-281	8" - 300# CHECK B.W. N. CLASS 2	K	12-24-73	
	VELAN	M-281	8" - 300# CHECK B.W. N. CLASS 2	K	12-24-73	See 235 M3
238 M3	VELAN	M-281	2 1/2" - 150# CHECK B.W. N. CLASS 3	K	12-24-73	
	VELAN	M-281	3" - 150# CHECK B.W. N. CLASS 2	K	12-24-73	
	VELAN	M-281	3" - 150# CHECK B.W. N. CLASS 3	K	12-24-73	
	POWELL	M-279	3" - 150# CHECK B.W.	C	UNKNOWN	
	VELAN	M-281	4" - 150# CHECK B.W. N. CLASS 3	K	12-24-73	
	POWELL	M-279	4" - 150# CHECK B.W.	UNKNOWN	UNKNOWN	
	VELAN	M-281	6" - 150# CHECK B.W. N. CLASS 3	K	12-24-73	
	VELAN	M-281	8" - 150# CHECK B.W. N. CLASS 2	K	12-24-73	
	VELAN	M-281	8" - 150# CHECK B.W. N. CLASS 3	K	12-24-73	
	VELAN	M-281	18" - 150# CHECK B.W. N. CLASS 2	F	4-05-71	
	VELAN	M-281	24" - 150# CHECK B.W. N. CLASS 2	F	4-04-71	
427 M3C	PRATT	M-298	8" - 150# BUTTERFLY, FLANGELESS, N. CLASS 2	1	4-20-71	
428 M3C	PRATT	M-298	8" - 150# BUTTERFLY, FLANGELESS, N. CLASS 2	UNKNOWN	UNKNOWN	
2-MOV-403	VELAN	M-282-3	2 1/2" - 1500# GATE MOT. OP.	E	2-26-74	P-34702-3
2-MOV-405	VELAN	M-282-3	2 1/2" - 1500# GATE MOT. OP.	E	2-26-74	P-34702-3
2-MOV-501	VELAN	M-611-42	4" - 150# GATE MOT. OP.	NONE	2-11-70	P-34657-3
2-MOV-504	VELAN	M-611-43	3" - 150# GATE MOT. OP.	NONE	2-10-70	P-34657-4
2-MOV-508	VELAN	M-611-41	3" - 150# GATE MOT. OP.	NONE	2-10-70	P-34657-5
2-MOV-509	VELAN	M-611-41	3" - 150# GATE MOT. OP.	NONE	2-10-70	P-34657-5
2-MOV-514	VELAN	M-611-41	3" - 150# GATE MOT. OP.	NONE	2-10-70	P-34657-5
2-MOV-614	VELAN	M-282-1	12" - 1500# GATE MOT. OP.	G	2-27-76	P-34702
2-MOV-615	VELAN	M-611-45	6" - 1500# GATE MOT. OP.	NONE	2-12-70	P-34657-2
2-MOV-616	VELAN	M-611-44	2" - 1500# GLOBE MOT. OP.	NONE	2-07-70	P-34657-1
2-MOV-624	VELAN	M-282-1	12" - 1500# GATE MOT. OP.	G	2-27-76	P-34702
2-MOV-625	VELAN	M-611-45	6" - 1500# GLOBE MOT. OP.	NONE	2-12-70	P-34657-2
2-MOV-634	VELAN	M-282-1	12" - 1500# GATE MOT. OP.	G	2-27-76	P-34702
2-MOV-635	VELAN	M-611-45	6" - 1500# GLOBE MOT. OP.	NONE	2-12-70	P-34657-2
2-MOV-644	VELAN	M-282-1	12" - 1500# GATE MOT. OP.	G	2-27-76	P-34702
2-MOV-655	VELAN	M-611-45	6" - 1500# GLOBE MOT. OP.	NONE	2-12-70	P-34657-2

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POOR ORIGINAL

BECHTEL MARK NO.	VENDOR	VENDOR DWG NO.	DESCRIPTION	REVISION	DATE	REMARKS
2-MOV-651	VELAN	M-282-1	12" - 1500# GATE MOT. OP.	G	2-27-76	P-34702
2-MOV-652	VELAN	M-282-1	12" - 1500# GATE MOT. OP.	G	2-27-76	P-34702
2-MOV-653	VELAN	M-611-46	4" - 900# GATE MOT. OP.	NONE	2-14-70	P-34657-6
2-MOV-654	VELAN	M-611-62	6" - 900# GATE MOT. OP.	C	3-10-70	P-34657-8
2-MOV-655	VELAN	M-611-46	4" - 900# GATE MOT. OP.	NONE	2-14-70	P-34657-6
2-MOV-656	VELAN	M-611-62	6" - 1500# GATE MOT. OP.	C	1-19-71	P-34657-7
2-MOV-658	VELAN	M-281-10	12" - 300# GATE MOT. OP.	C	2-20-73	P-34701-6
2-MOV-659	VELAN	M-281-7	4" - 900# GATE MOT. OP.	G	2-27-76	P-34702
2-MOV-660	VELAN	M-281-7	4" - 900# GATE MOT. OP.	G	2-27-76	P-34702
2-MOV-662	VELAN	M-281-10	4" - 300# GATE MOT. OP.	C	2-20-73	P-34701-6
2-MOV-663	VELAN	M-281-10	4" - 300# GATE MOT. OP.	C	2-20-73	P-34701-6
2-MOV-4070	VELAN	M-253-21	6" - 600# GATE MOT. OP.	D	6-18-73	
2-MOV-4071	VELAN	M-253-21	6" - 600# GATE MOT. OP.	D	6-18-73	
2-MOV-4142	VELAN	M-281-9	18" - 150# GATE MOT. OP.	B	NO DATE	
2-MOV-4143	VELAN	M-281-9	18" - 150# GATE MOT. OP.	C	NO DATE	
2-MOV-4144	VELAN	M-281-9	24" - 150# GATE MOT. OP.	B	NO DATE	
2-MOV-4516	VELAN	M-253-2	16" - 900# GATE MOT. OP.	NO INFO	NO DATE	
2-MOV-4517	VELAN	M-253-2	16" - 900# GATE MOT. OP.	NO INFO	NO DATE	
2-MOV-5250	PRATT	M-297-22	6" - 150# BUTTERFLY, MOTOR OPER.	A	9-30-75	
2-MOV-5251	PRATT	M-297-22	6" - 150# BUTTERFLY, MOTOR OPER.	A	9-30-75	
2-CV-210X	I.T.T.	M-611-37	1 1/2" - 150# GLOBE	4	UNKNOWN	
2-CV-100E	I.T.T.	M-611-24	3" - 1500# ANGLE VALVE B.W.	6	7-03-74	
2-CV-100F	I.T.T.	M-611-24	3" - 1500# ANGLE VALVE B.W.	6	7-03-74	
2-CV-223	FISHER	M-288-96	6" - 150# DIAPHRAGM ACT CV	B	2-11-71	
2-CV-306	MASONEILAN	M-293-51	12" - 300# GLOBE	UNKNOWN	UNKNOWN	
2-CV-512	I.T.T.	M-611-32	3" - 150# GLOBE B.W.	4	UNKNOWN	
2-CV-657	MASONEILAN	M-293-51	12" - 300# GLOBE	UNKNOWN	UNKNOWN	
2-CV-1579	FISHER	M-288-82	2" - 600# GLOBE S.W.	C	6-11-68	
2-CV-1565	FISHER	M-288-122	2" - 150# GLOBE S.W.	C	6-12-68	
2-CV-1581	FISHER	M-304-4	8" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-1582	FISHER	M-304-3	8" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-1583	FISHER	M-304-2	4" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-1584	FISHER	M-304-4	8" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-1585	FISHER	M-304-3	8" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-1586	FISHER	M-304-2	4" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-1587	MASONEILAN	M-303-5	6" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-1589	FISHER	M-304-4	8" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-1590	FISHER	M-304-3	8" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-1591	FISHER	M-304-2	4" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-1592	FISHER	M-304-4	8" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-1593	FISHER	M-304-3	8" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-1594	FISHER	M-304-2	4" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-1600	ANNIN	M-303-11	14" - 150# BUTTERFLY	II	7-11-69	
2-CV-1638	ANNIN	M-303-32	14" - 150# BUTTERFLY	II	7-11-69	
2-CV-3823	MASON-NEILAN	M-303-40	10" - 150# BUTTERFLY, FLANGELESS	UNKNOWN	UNKNOWN	
2-CV-3824	ANNIN	M-303-9	16" - 150# BUTTERFLY, FLANGELESS	II	7-11-69	
2-CV-3825	MASON-NEILAN	M-303-40	10" - 150# BUTTERFLY, FLANGELESS	UNKNOWN	UNKNOWN	
2-CV-3826	ANNIN	M-303-9	16" - 150# BUTTERFLY, FLANGELESS	II	7-11-69	
2-CV-3828	ANNIN	M-303-9	16" - 150# BUTTERFLY, FLANGELESS	II	7-11-69	
2-CV-3830	ANNIN	M-303-9	16" - 150# BUTTERFLY, FLANGELESS	II	7-11-69	
2-CV-3832	FISHER	M-304-1	10" - 150# BUTTERFLY, FLANGELESS	NONE	NONE	
2-CV-3833	FISHER	M-304-1	10" - 150# BUTTERFLY, FLANGELESS	NONE	NONE	
2-CV-3938	BLAW-KNOX	M-292-2	5" - 600# GLOBE B.W.	8	11-07-73	
2-CV-3939	BLAW-KNOX	M-292-2	5" - 600# GLOBE B.W.	8	11-07-73	

POOR ORIGINAL

<u>BECHTEL MARK NO.</u>	<u>VENDOR</u>	<u>VENDOR DWG. NO.</u>	<u>DESCRIPTION</u>	<u>REVISION</u>	<u>DATE</u>	<u>REMARKS</u>
2-CV-4043	ROCKWELL	M-273-7	34" - 600# MAIN STEAM ISO. VALVE	B	UNKNOWN	
2-CV-4048	ROCKWELL	M-273-7	34" - 600# MAIN STEAM ISO. VALVE	B	UNKNOWN	
2-CV-4150	MASON-NEILAN	M-293-25	8" - 150# GLOBE B.W.	NONE	NONE	
2-CV-4151	MASON-NEILAN	M-293-25	8" - 150# GLOBE B.W.	NONE	NONE	
2-CV-4159	MASON-NEILAN	M-293-33	4" - 150# GATE B.W.	NONE	NONE	
2-CV-4160	MASON-NEILAN	M-293-33	4" - 150# GATE B.W.	NONE	NONE	
2-CV-4511	MASON-NEILAN	M-293-17	3" - 600# GLOBE B.W.	NONE	NONE	
2-CV-4512	MASON-NEILAN	M-293-17	3" - 600# GLOBE B.W.	NONE	NONE	
2-CV-5149		M-297-23	30" - 125# BUTTERFLY, FLGD	UNKNOWN	UNKNOWN	
2-CV-5150		M-297-23	30" - 125# BUTTERFLY, FLGD	UNKNOWN	UNKNOWN	
2-CV-5152		M-297-23	30" - 125# BUTTERFLY, FLGD	UNKNOWN	UNKNOWN	
2-CV-5153		M-297-23	30" - 125# BUTTERFLY, FLGD	UNKNOWN	UNKNOWN	
2-CV-5155		M-297-23	30" - 125# BUTTERFLY, FLGD	UNKNOWN	UNKNOWN	
2-CV-5156		M-297-23	30" - 125# BUTTERFLY, FLGD	UNKNOWN	UNKNOWN	
2-CV-5160		M-297-23	24" - 125# BUTTERFLY, FLGD	UNKNOWN	UNKNOWN	
2-CV-5162		M-297-23	24" - 125# BUTTERFLY, FLGD	UNKNOWN	UNKNOWN	
2-CV-5163		M-297-23	24" - 125# BUTTERFLY, FLGD	UNKNOWN	UNKNOWN	
2-CV-5165		M-297-23	24" - 125# BUTTERFLY, FLGD	UNKNOWN	UNKNOWN	
2-CV-5166		M-297-23	30" - 125# BUTTERFLY, FLGD	UNKNOWN	UNKNOWN	
2-CV-5170	MASON-NEILAN	M-303-38	8" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-5171	MASON-NEILAN	M-303-38	8" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-5173	MASON-NEILAN	M-303-38	8" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-5174	MASON-NEILAN	M-303-38	8" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-5175	MASON-NEILAN	M-303-38	8" - 150# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-5177	MASON-NEILAN	M-303-39	8" - 150# BUTTERFLY	H	UNKNOWN	
2-CV-5178	MASON-NEILAN	M-303-39	8" - 150# BUTTERFLY	H	UNKNOWN	
2-CV-5206	PRATT	M-297-2	24" - 125# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-5208	PRATT	M-297-2	24" - 125# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-5209	FISHER	M-284-2	30" - 125# BUTTERFLY	D	3-23-77	
2-CV-5210	PRATT	M-297-2	30" - 125# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-5212	PRATT	M-297-2	30" - 125# BUTTERFLY	UNKNOWN	UNKNOWN	
2-CV-5214	FISHER	M-284-2	30" - 125# BUTTERFLY	D	3-23-77	
2-ERV-402	DRESSER	M-668-3	2½" - 2500# ELECTROMATIC RELIEF VALVE	2	12-02-70	
2-ERV-404	DRESSER	M-668-3	2½" - 2500# ELECTROMATIC RELIEF VALVE	2	12-02-70	
2-SV-4952	DRAGON	M-377-5	3" SOLENOID GLOBE VALVE	F	6-17-74	10190
2-SV-4953	DRAGON	M-377-5	3" SOLENOID GLOBE VALVE	F	6-17-74	10190
2-SV-4954	DRAGON	M-377-5	3" SOLENOID GLOBE VALVE	F	6-17-74	10190
2-SV-4955	DRAGON	M-377-5	3" SOLENOID GLOBE VALVE	F	6-17-74	10190
2-SV-4956	DRAGON	M-377-5	3" SOLENOID GLOBE VALVE	F	6-17-74	10190
2-SV-4957	DRAGON	M-377-5	3" SOLENOID GLOBE VALVE	F	6-17-74	1. 190
2-RV-200	DRESSER	M-669-2	2½" to 6" MAXIFLOW SAFETY VALVE	7	1-19-77	CP-1355
2-RV-201	DRESSER	M-669-2	2½" to 6" MAXIFLOW SAFETY VALVE	7	1-19-77	CP-1355
2-RV-376		M-306-8	3" SAFETY RELIEF VALVE	A	NO DATE	
2-RV-446	CROSBY	M-291-5	2½" to 4" NOZZLE RELIEF VALVE	B	3-15-72	H-55294 MGT 95#
2-RV-468	CROSBY	M-291-2	1½" to 2½" NOZZLE RELIEF VALVE	B	3-15-72	H-55291 MGT 55#
2-RV-4501	FARRIS	M-306-44	3" SAFETY RELIEF VALVE	A	NO DATE	
2-RV-4502	FARRIS	M-306-44	3" SAFETY RELIEF VALVE	A	NO DATE	

POOR ORIGINAL

RECEIPT MARK NO.	VENDOR	VENDOR DMC, NO.	DESCRIPTION	REVISION	DATE	REMARKS
2-RV-3992	DRESSER	M-290-12	6" SAFETY RELIEF VALVE, MAIN STM.	1	4-28-70	
2-RV-3993	DRESSER	M-290-12	6" SAFETY RELIEF VALVE, MAIN STM.	1	4-28-70	
2-RV-3994	DRESSER	M-290-12	6" SAFETY RELIEF VALVE, MAIN STM.	1	4-28-70	
2-RV-3995	DRESSER	M-290-12	6" SAFETY RELIEF VALVE, MAIN STM.	1	4-28-70	
2-RV-3996	DRESSER	M-290-12	6" SAFETY RELIEF VALVE, MAIN STM.	1	4-28-70	
2-RV-3997	DRESSER	M-290-12	6" SAFETY RELIEF VALVE, MAIN STM.	1	4-28-70	
2-RV-3998	DRESSER	M-290-12	6" SAFETY RELIEF VALVE, MAIN STM.	1	4-28-70	
2-RV-3999	DRESSER	M-290-12	6" SAFETY RELIEF VALVE, MAIN STM.	1	4-28-70	
2-RV-4000	DRESSER	M-290-12	6" SAFETY RELIEF VALVE, MAIN STM.	1	4-28-70	
2-RV-4001	DRESSER	M-290-12	6" SAFETY RELIEF VALVE, MAIN STM.	1	4-28-70	
2-RV-4002	DRESSER	M-290-12	6" SAFETY RELIEF VALVE, MAIN STM.	1	4-28-70	
2-RV-4003	DRESSER	M-290-12	6" SAFETY RELIEF VALVE, MAIN STM.	1	4-28-70	
2-RV-4004	DRESSER	M-290-12	6" SAFETY RELIEF VALVE, MAIN STM.	1	4-28-70	
2-RV-4005	DRESSER	M-290-12	6" SAFETY RELIEF VALVE, MAIN STM.	1	4-28-70	
2-RV-4006	DRESSER	M-290-12	6" SAFETY RELIEF VALVE, MAIN STM.	1	4-28-70	
2-RV-4007	DRESSER	M-290-12	6" SAFETY RELIEF VALVE, MAIN STM.	1	4-28-70	

POOR ORIGINAL

UNIT #1 CLASS I PIPING
2" AND UNDER

<u>SKETCH NO.</u>	<u>REVISION</u>	<u>TITLE</u>
FSK-MP-489 H	11	Charging Line - Regenerative Heat
FSK-MP-490 H4	10	Exchanger to Coolant Pump
FSK-MP-491 H2	9	
FSK-MP-492 Sht.1 H4	22	
FSK-MP-492 Sht.2 H3	0	
FSK-MP-581 H	10	Pressurizer Relief Valve Piping
FSK-MP-1019 H3	7	Inside Cont.
FSK-MP-455 H3	15	Letdown Line to Regenerative Heat
FSK-MP-456 H5	9	Exchanger and Primary Drain Line
FSK-MP-461 H	6	
FSK-MP-576 H1	10	
FSK-MP-1347 H	8	Safety Injection Piping System Tank
FSK-MP-2331 HB	3	#11A Leg 11A, 11B, 12A, & 12B
FSK-MP-2329 HB	4	Safety Injection Piping System Tank
		#11B Leg 11B
FSK-MP-2332 HB	3	Safety Injection Piping System Tank
		#12A Leg 12A
FSK-MP-2330 HB	3	Safety Injection Piping System Tank
		#12B Leg 12B
FSK-MP-575 H1	7	CC-9 & HC-2 Primary Loop Drains Steam
		Gen. #11
FSK-MP-896-1 H	10	PDT Root Valve Details for Steam Gen.
		#11 C-9
FSK-MP-896 2H	10	PDT Root Valve Details for Steam Gen.
		#12 CC-9
FSK-MP-714 H2	22	Reactor Coolant System Leakage Monitor
FSK-MP-2768 H	0	Line & Reactor Coolant System Vent Line
FSK-MP-879 H	0	PDT Root Valve
FSK-MP-933 H1	12	PDT Root Valve
FSK-MP-1053 H1	7	Primary Loop Drains Steam Gen. #11
FSK-MP-597 H2	12	Reactor Coolant System Drains
FSK-MP-910 H	6	Sample Connection Off Surge Line &
FSK-MP-1021 H1	6	Primary Loop

<u>SKETCH NO.</u>	<u>REVISION</u>	<u>TITLE</u>
FSK-MP-1023 H1	5	Sample Connection Off Primary Loop
FSK-MP-1006 H1	7	CC-9 and HC-2 Primary Loop Drains & Cold Leg Loop (Steam Gen. #12B)
FSK-MP-879	0	PDT Root Valve
FSK-MP-1312 H3	17	Differential Pressure Indicator on Reactor Coolant Pump #11A, 11B, 12A, & 12B

UNIT #2 CLASS I PIPING
2" AND UNDER

<u>Sketch No.</u>	<u>Rev. No.</u>	<u>Title</u>
FSK-MP-3100 HD	11	Safety Injection Tank 21A
FSK-MP-3102 HA	12	Safety Injection Tank 21B
FSK-MP-3101 HA	15	Safety Injection Tank 21B
FSK-MP-3096 HE	12	Safety Injection & Containment Spray
FSK-MP-3099 HB	7	Safety Injection Tank 22B
FSK-MP-3103 HA	13	Safety Injection Tank 22B
FSK-MP-3142 HC	15	Regenerative HX Inlet Loop 22A
FSK-MP-3140 HC	2	Primary Loop Drains - Stm. Gen. 22
FSK-MP-3137 HB	4	Pressurizer Safety & Relief Valve
FSK-MP-3193 HB	2	Pressurizer Spray
FSK-MP-3141 HB	7	Primary Loop Drains - Stm. Gen. 21
FSK-MP-3148 HD	2	Reactor Coolant Drains
FSK-MP-3120 HA	5	PDT Root Valves, Stm. Gen. 21 and 22
FSK-MP-3191 HA	5	Sample Connection Off Surge Line
FSK-MP-3195 HB	1	Instrument Connection, Pressurizer #21
FSK-MP-3194 HF	8	Primary Loop Drains, Stm. Gen. #22
FSK-MP-3189 HB	2	Primary Loop Drains, Stm. Gen. #21
FSK-MP-3199 HA	0	Differential Press. Ind. Pump 21A
FSK-MP-3200 HA	0	Differential Press. Ind. Pump 21A, 21B, 22A, 22B
FSK-MP-3192 HA	1	PDT Root Valves, Stm. Gen. #21
FSK-MP-3190 HA	1	PDT Root Valves, Stm. Gen. #22
FSK-MP-3201 HA	0	Differential Press. Ind. Pumps 21A, 21B, 22A, 22B
FSK-MP-3202 HB	0	Differential Press. Ind. Pumps 21A, 21B, 22A, 22B
FSK-MP-3113 HA	7	Safety Injection Tank #22B

ENGINEERING DATA REQUIRED TO PERFORMANSI B31.1 STRESS CALCULATION

1. Design and operating temperatures and pressures for all modes of operation.
2. Detailed piping isometric indicating the geometry of the piping system with all necessary dimension including bend radii and weld locations.
3. List of nominal pipe sizes, schedules, weights, insulation weights, and material.
4. Locations and types of pipe supports (rigid, snubbers, springs) direction of action and clearances.
5. Valve locations, lengths, weights.
6. Anchor movements (seismic & thermal).
7. Nozzle load allowables.
8. Seismic response spectra.
9. Descriptions of any special fitting or components.

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Inspection Elements

- a) Pipe Run Geometry: Segment length and direction.
- b) Supports and Restraints: Location, design configuration, orientation (restriction or load-carrying direction), clearances.
- c) Embedments: Installed per design drawings.
- d) Pipe Attachments: Correct location of miscellaneous attachments.
- e) Valves and Operators: Identification, location, configuration, operator orientation, weights.