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# NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY  
THE HARTFORD ELECTRIC LIGHT COMPANY  
WESTERN MASSACHUSETTS ELECTRIC COMPANY  
HOLYOKE WATER POWER COMPANY  
NORTHEAST UTILITIES SERVICE COMPANY  
NORTHEAST REGULAR ENERGY COMPANY

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August 1, 1979

Docket No. 50-336

Mr. Boyce H. Grier, Director  
Region 1  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

- References: (1) B. H. Grier letter to W. G. Council dated July 18, 1979, transmitting I&E Bulletin #79-14, Revision 1.
- (2) B. H. Grier letter to W. G. Council dated July 2, 1979, transmitting I&E Bulletin #79-14.

Gentlemen:

Millstone Nuclear Power Station, Unit No. 2  
Seismic Analyses, I&E Bulletin #79-14

Reference (2), as amended by Reference (1), requested Northeast Nuclear Energy Company (NNECO) to initiate a program aimed at verifying the accuracy of input information for seismic analyses of safety-related piping. Subsequent to the receipt of this bulletin, communications with the NRC Staff have resulted in a more concise understanding of the intent of the bulletin requirements. As such, NNECO has embarked upon a program consistent with our present understanding, with the following exceptions:

- (1) Due to the extreme difficulties associated with accessibility to portions of the containment spray piping, located on the interior surface of the containment dome, it is the intention of NNECO to examine those portions of the piping and supports using a visual inspection only. This would be performed using binoculars and other visual aids where necessary. It has been determined that the correctness of the existing analyses of this system can be verified by visual inspection techniques only.
- (2) Insulation around some valves and embedments is extremely difficult and time-consuming to remove and replace. NNECO, therefore, intends to verify geometry and function at locations where removal of insulation would either result in unnecessary personnel exposure or be

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duly covered some using alternate techniques. This would include a sampling of components where insulation is most readily removed and partial inspection of the remaining locations using probes and/or ducting away small portions of insulation. Favorable results using these alternative techniques yield high confidence from a statistical basis that the existing seismic analyses are valid.

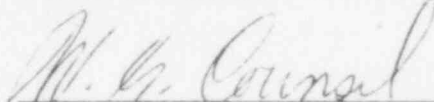
In response to the requirements of Item (1) of Reference (1) and based on subsequent conversations with the NRC Staff, the following information is included as Attachment 1.

- (1) A list of the safety-related systems to be examined including their inspection schedule (i.e., 60 days or 120 days).
- (2) One example system package used for surveillance with the following information:
  - (a) P&ID - color-coded
    - Red: accessible - inspection within 60 days
    - Blue: inaccessible - inspection within 120 days.
  - (b) Physical piping drawings - color-coded
  - (c) Valve drawings
  - (d) Floor and wall penetration drawings
  - (e) Pipe support detail drawings
  - (f) A list of the above documents including:
    - (i) Identification
    - (ii) Title
    - (iii) Revision number
    - (iv) Date

We trust you find the above information responsive to your request.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

  
W. G. Council  
Vice President

Attachment

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ATTACHMENT 1

MILLSTONE NUCLEAR POWER STATION, UNIT NO. 2

SEISMIC ANALYSES, I&E BULLETIN #79-14

AUGUST, 1979

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SYSTEM	REDUNDANT		ACCESSIBLE			COMMENTS
	YES	NO	YES (1)	NO (2)	SOME	
Reactor Coolant		X		X		
Chemical and Volume Control		X			X	Most Piping Outside Containment is Accessible.
Emergency Core Cooling	X				X	Most Piping Outside Containment is Accessible.
Containment Spray	X				X	Most Piping Outside Containment is Accessible.
125 VDC Vital Switchgear Vent	X		X			Chilled Water Piping Only.
Spent Fuel Pool Cooling		X	X			
Main Steam		X			X	
Feedwater		X			X	From Containment Iso. Vlv. to S.G.
Aux. Feedwater	X		X			
Reactor Building Closed Cooling Water	X				X	Redundant to Vital Components.
Service Water	X		X			
Diesel Generator	X		X			
Miscellaneous Containment Penetrations					X	Outer side of penetration accessible.

(1) 60-day inspection schedule.

(2) 120-day inspection schedule

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PROJECT: MILLSTONE UNIT 2 JOB 11867-014

SYSTEM: MAIN STEAM

PIPE SUPPORT DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
490004 (R-34)	MAIN STEAM - STEAM GENERATOR TO TURBINE	2	5/8/75
490005 (R-32)	MAIN STEAM - STEAM GENERATOR TO TURBINE	2	5/8/75
490006 (R-38)	MAIN STEAM - STEAM GENERATOR TO TURBINE	1	5/8/75
490007 (R-37)	MAIN STEAM - STEAM GENERATOR TO TURBINE	1	5/8/75
490008 (R-31)	MAIN STEAM G. E. PIPING	1	5/7/75
413007 (H-4)	MAIN STEAM DOWNSTREAM OF ISO VALVES TO TURBINE	1	5/9/75
413008 (H-7)	MAIN STEAM DOWNSTREAM OF ISO VALVES TO TURBINE	1	1/3/74
413009 (R-6)	MAIN STEAM DOWNSTREAM OF ISO VALVES TO TURBINE	1	5/7/75
413010 (H-8)	MAIN STEAM DOWNSTREAM OF ISO VALVES TO TURBINE	1	12/2/74
413011 (R-9)	MAIN STEAM DOWNSTREAM OF ISO VALVES TO TURBINE	2	5/8/75
413012 (H-11)	MAIN STEAM DOWNSTREAM OF ISO VALVES TO TURBINE	3	1/3/74
413013 (H-13)	MAIN STEAM DOWNSTREAM OF ISO VALVES TO TURBINE	2	2/6/75
413014 (H-24)	MAIN STEAM DOWNSTREAM OF ISO VALVES TO TURBINE	5	5/8/75
413018 (H-6,R-4,R-5)	MAIN STEAM	7	5/27/75
413019 (H-15,R-10)	MAIN STEAM	4	6/4/75
413020 (H-14)	MAIN STEAM	2	5/7/75

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PROJECT: MILLSTONE UNIT 2 JOB 11867-014

SYSTEM: MAIN STEAM

PIPE SUPPORT DRAWING<sup>c</sup>

IDENTIFICATION NO.	TITLE	REVISION	DATE
413021 (H-22,R-18)	MAIN STEAM	5	6/4/75
413022 (H-23,R-19)	MAIN STEAM	2	5/8/75
413023 (R-20)	MAIN STEAM	3	5/20/75
413024 (R-21,H-25)	MAIN STEAM	4	6/4/75
413025 (R-22)	MAIN STEAM	3	5/7/75
413028 (H-5,R-3)	MAIN STEAM SUPPLY DOWNSTREAM OF ISOLATION VALVES TO TURBINE	2	5/7/75
413029 (R-8)	MAIN STEAM	4	5/7/75
413030 (R-23)	MAIN STEAM	2	5/7/75
413031 (H-9,R-7)	MAIN STEAM	6	
413032 (R-24,R-25)	MAIN STEAM DOWNSTREAM OF ISO VALVES TO TURBINE	7	5/23/75
413033 (H-26)	MAIN STEAM DOWNSTREAM OF ISO VALVES TO TURBINE	2	5/7/75
413037 (H-19)	MAIN STEAM DUMP TO COND. 8 A/B CONTROL VALV	5	5/14/75
413038 (H-20)	MAIN STEAM	1	5/7/75
413039 (H-21,R-16, R-17)	MAIN STEAM DUMP TO COND. 8A & 8B	8	9/2/75
413041 (R-13)	MAIN STEAM	3	5/7/75
413046 (H-12,R-11)	MAIN STEAM	4	6/4/75
413071 (R-12)	MAIN STEAM GEN TO TURBINE	5	6/3/75
413071 (H-15)	*		
413071 (H-16)	*		

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\*NOTE: These drawings will be submitted at a later date.

PROJECT: MILLSTONE UNIT 2 JOB 11867-014

SYSTEM: MAIN STEAM

PIPE SUPPORT DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
413071 (R-15)	*		
413071 (R-27)	*		
413071 (R-28)	*		
31386	MAIN STEAM	2	3/7/75
505325	MAIN STEAM FROM DUMP VALVE TO ATMOSPHERE	0	1/21/75
505324	MAIN STEAM FROM DUMP VALVE TO ATMOSPHERE	0	1/15/75
405398	MAIN STEAM FROM DUMP VALVE TO ATMOSPHERE	1	1/13/75
405942	MAIN STEAM FROM DUMP VALVE TO ATMOSPHERE	3	5/7/75
405389	MAIN STEAM FROM DUMP VALVE TO ATMOSPHERE	1	5/7/75
405388	MAIN STEAM FROM DUMP VALVE TO ATMOSPHERE	3	2/16/75
412002 (R-3)	M.S. FROM STM. GEN. TO ISOL VALVE	1	5/12/75
412003 (H-3 & R-2)	M.S. SUPPLY TO ISOL. VALVE TO TURB.	4	4/25/75
412004 (H-27 & R-26)	M.S. STM. GEN. TO ISOL. VALVE	4	6/11/76
412007 (H-1)	M.S. STM. GEN. TO ISOL. VALVE	3	1/10/75
412008 (R-1)	M.S. TO AUX. F.W. PUMP TURBINE	0	11/20/73
412009 (H-2)	M.S. SUPPLY TO ISOL. V. TO TURB.	5	8/10/75
412010 (H-28 & H-29)	M.S. SUPPLY TO ISOL. V. TO TURB.	3	5/14/75
412016 (R-1)	M.S. SUPPLY TO ISOL. V. TO TURB. 931043	2	5/7/75

PROJECT: MILLSTONE UNIT 2 JOB 11867-014

SYSTEM: MAIN STEAM

PIPE SUPPORT DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
413061 (H-1)	M.S. TO S.G. AUX. F.W. PUMP TURB.	2	5/8/75
413062 (R-2 & R-3)	M.S. TO S.G. AUX. F.W. PUMP TURB.	3	5/8/75
413063 (H-2, R-4, R-9)	M.S. TO S.G. AUX. F.W. PUMP TURB.	0	12/13/73
413064 (R-5)	M.S. TO S.G. AUX. F.W. PUMP TURB.	1	1/2/75
413065 (H-3)	M.S. TO S.G. AUX. F.W. PUMP TURB.	1	1/3/75
413072 (H-4)	M.S. TO S.G. AUX. F.W. PUMP TURB.	1	1/13/75
413073 (H-8 & R-9)	M.S. TO S.G. AUX. F.W. PUMP TURB.	2	11/20/74
413074 (H-7)	M.S. TO S.G. AUX. F.W. PUMP TURB.	0	1/13/74
413075 (H-6)	M.S. TO S.G. AUX. F.W. PUMP TURB.	1	11/26/74
413076 (H-1 & R-1)	M.S. TO S.G. AUX. F.W. PUMP TURB.	2	4/28/75
413077 (H-2 & R-2)	M.S. TO S.G. AUX. F.W. PUMP TURB.	2	4/23/76
413078 (H-3 & R-12)	M.S. TO S.G. AUX. F.W. PUMP TURB.	1	4/23/75
413079 (H-4 & R-3)	M.S. TO S.G. AUX. F.W. PUMP TURB.	2	11/19/74
413080 (H-5)	M.S. TO S.G. AUX. F.W. PUMP TURB.	1	9/26/74
413081 (R-4)	M.S. TO S.G. AUX. F.W. PUMP TURB.	2	5/20/75
413082 (R-5)	M.S. TO S.G. AUX. F.W. PUMP TURB.	0	2/5/74
413083 (H-6)	M.S. TO S.G. AUX. F.W. PUMP TURB.	2	11/19/74
413084 (H-7)	M.S. TO S.G. AUX. F.W. PUMP TURB.	1	5/26/74
413085 (H-8 & R-7)	M.S. TO S.G. AUX. F.W. PUMP TURB.	1	1/15/75
413103 (H-2 & R-4)	M.S. TO S.G. AUX. F.W. PUMP TURB.	0	7/12/74
413104 (R-5)	M.S. TO S.G. AUX. F.W. PUMP TURB.	0	7/12/74
413105 (R-3)	M.S. TO S.G. AUX. F.W. PUMP TURB.	0	7/16/74

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PROJECT: MILLSTONE UNIT 2 JOB 11867-014

SYSTEM: MAIN STEAM

PIPE SUPPORT DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
413132 (H-5, R-7, R-8)	M.S. TO S.G. AUX. F.W. PUMP TURB.	4	5/2/75
413135 (R-6)	M.S. TO S.G. AUX. F.W. PUMP TURB.	1	11/19/74
413137 (H-10)	M.S. TO S.G. AUX. F.W. PUMP TURB.	1	1/30/75
413138 (H-9 & R-9)	M.S. TO S.G. AUX. F.W. PUMP TURB.	2	3/7/75
413139 (R-10 & R-11)	M.S. TO S.G. AUX. F.W. PUMP TURB.	0	7/29/74
413210 (R-8)	M.S. TO S.G. AUX. F.W. PUMP TURB.	1	3/25/75
31201 (H-1)	MAIN STEAM FROM S.G. #1 TO ISOLATION VALVE	4	8/22/76
31211 (H-2)	MAIN STEAM FROM S.G. #1 TO ISOLATION VALVE	1	3/30/73
31212 (H-1)	MAIN STEAM FROM S.G. #1 TO ISOLATION VALVE		11/13/74
31216 (R-2)	MAIN STEAM FROM S.G. #1 TO ISOLATION VALVE	4	3/23/75
312017 (R-1)	MAIN STEAM FROM S.G. #1 TO ISOLATION VALVE	2	12/26/74
312019 (R-3)	MAIN STEAM FROM S.G. #1 TO ISOLATION VALVE	4	
513026 (H-3, R-6)	MAIN STEAM TO AUX. F.W. PUMP H-21	0	74
513027 (H-4, R-7)	MAIN STEAM TO AUX. F.W. PUMP H-21	0	/17/74
513028 (R-8)	MAIN STEAM TO AUX. F.W. PUMP H-21	0	10/15/74
31209 (H-2)	MAIN STEAM TO I. VALVE S.G. #2	0	3/30/73
31215 (R-2)	MAIN STEAM TO I. VALVE S.G. #2	5	4/16/73
312018 (R-1)	MAIN STEAM TO I. VALVE S.G. #2	2	12/24/74

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PROJECT: MILLSTONE UNIT 2 - JOB 11867-014

SYSTEM: MAIN STEAM

PIPE SUPPORT DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
513032 (R-30)	MAIN STEAM PUMP TO CONDENSERS 8A & 8B CONTROL VALVE	1	5/8/75
490001 (R-35)	MAIN STEAM PIPING TO TURBINE	3	5/8/75
490002 (R-36)	MAIN STEAM PIPING TO TURBINE	3	5/8/75
490003 (R-33)	MAIN STEAM PIPING TO TURBINE	9	6/11/75
FSK-M-02-029H	PIPE SUPPORT DETAILS	*	
FSK-M-02-096H	PIPE SUPPORT DETAILS	*	
FSK-M-02-027H	PIPE SUPPORT DETAILS	*	
FSK-M-02-025H	PIPE SUPPORT DETAILS	*	
FSK-M-02-097H	PIPE SUPPORT DETAILS	*	
FSK-M-02-026H	PIPE SUPPORT DETAILS	*	
FSK-M-02-028H	PIPE SUPPORT DETAILS	*	
FSK-M-02-021H	PIPE SUPPORT DETAILS	*	
FSK-M-02-007H	PIPE SUPPORT DETAILS	*	
FSK-M-02-031H	PIPE SUPPORT DETAILS	*	
FSK-M-02-030H	PIPE SUPPORT DETAILS	*	
FSK-M-02-022H	PIPE SUPPORT DETAILS	*	
FSK-M-02-024H	PIPE SUPPORT DETAILS	*	
931046			

\*NOTE: Refer to specific detail for revision number.

PROJECT: MILLSTONE UNIT 2

SYSTEM: MAIN STEAM

VALVE DRAWINGS

VENDOR	IDENTIFICATION NO.	TITLE	VENDOR DRAWING	REV. / DATE
VELAN	2-MS-191B	1/2" GLOBE	P1-0633-N-11	E
VELAN	2-MS-16B	1/2"GLOBE	P1-0633-N-11	E
VELAN	2-MS-12B	2" GLOBE	P1-0633-N-11	E
VELAN	2-MS-11B	1" GLOBE	P1-0633-N-11	E
VELAN	2-MS-191A	1/2" GLOBE	P1-0633-N-11	E
VELAN	2-MS-16A	1/2: GLOBE	P1-0633-N-11	E
VELAN	2-MS-220A	2" GLOBE	P1-0633-N-11	E
VELAN	2-MS-220B	2" GLOBE	P1-0633-N-11	E
VELAN	2-MS-12A	2" GLOBE	P1-0633-N-11	E
VELAN	2-MS-11A	1" GLOBE	P1-0633-N-11	E
VELAN	2-MS-3A	12" GATE	P2-0634-N-11	D
VELAN	2-MS-3B	12" GATE	P2-0634-N-11	D
VELAN	2-MS-201	4" GATE MOV	P2-0634-N-18	C
VELAN	2-MS-202	4" GATE MOV	P2-0634-N-18	C
VELAN	2-MS-65A	3" GLOBE MOV	P2-0634-N-26	A
VELAN	2-MS-65B	3" GLOBE MOV	P2-0634-N-26	A
CRANE	2-MS-4A	4" CHECK	PB-150563	NA
CRANE	2-MS-4B	4" CHECK	PB-150563	NA
COPEES - VULCAN	2-MS-190A	8" GLOBE	B-147060	7
COPEES - VULCAN	2-MS-190B	8" GLOBE	331047 B-147060	7

PROJECT: MILLSTONE UNIT 2

SYSTEM: MAIN STEAM

VALVE DRAWINGS

VENDOR	IDENTIFICATION NO.	TITLE	VENDOR DRAWING	REV. / DATE
ATWOOD & MORRILL	2-MS-64A	34" CHECK (ISO.)	21241-H	7
ATWOOD & MORRILL	2-MS-64B	34" CHECK (ISO.)	21241-H	7
ATWOOD & MORRILL	2-MS-1A	34" CHECK	21252-H	5
ATWOOD & MORRILL	2-MS-1B	34" CHECK	21252-H	5
DRESSER	2-MS-239	6" MSRV	CP-1760	NA
DRESSER	2-MS-240	6" MSRV	CP-1760	NA
DRESSER	2-MS-241	6" MSRV	CP-1760	NA
DRESSER	2-MS-242	6" MSRV	CP-1760	NA
DRESSER	2-MS-243	6" MSRV	CP-1760	NA
DRESSER	2-MS-244	6" MSRV	CP-1760	NA
DRESSER	2-MS-245	6" MSRV	CP-1760	NA
DRESSER	2-MS-246	6" MSRV	CP-1760	NA
DRESSER	2-MS-247	6" MSRV	CP-1760	NA
DRESSER	2-MS-248	6" MSRV	CP-1760	NA
DRESSER	2-MS-249	6" MSRV	CP-1760	NA
DRESSER	2-MS-250	6" MSRV	CP-1760	NA
DRESSER	2-MS-251	6" MSRV	CP-1760	NA
DRESSER	2-MS-252	6" MSRV	CP-1760	NA
DRESSER	2-MS-253	6" MSRV	CP-1760	NA
DRESSER	2-MS-254	6" MSRV	CP-1760	NA

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PROJECT: MILLSTONE UNIT 2SYSTEM: MAIN STEAMVALVE DRAWINGS

VENDOR	IDENTIFICATION NO.	TITLE	VENDOR DRAWING	REV. / DATE
*	2-MS-147C	1" GLOBE	*	*
	2-MS-147B	1" GLOBE		
	2-MS-148B	1-1/2" GLOBE		
	2-MS-149A	3" GLOBE		
	2-MS-145A	3" GLOBE		
	2-MS-148A	1-1/2" GLOBE		
	2-MS-147A	1" GLOBE		
	2-MS-117A	1" GLOBE		
	2-MS-117B	3" GLOBE		
	2-MS-13B	10" GATE		
	2-MS-13A	10" GATE		
	2-MS-145B	3" GLOBE		
	2-MS-147D	1" GLOBE		
	2-MS-149B	3" GLOBE		
	2-MS-219	1" CONTROL VALVE		
	2-MS-218	1" CONTROL VALVE		
	2-MS-146B	2-1/2" CONTROL VALVE		
	2-MS-146C	2-1/2" CONTROL VALVE		
	2-MS-146A	2-1/2" CONTROL VALVE		
	2-MS-381B	1" CONTROL VALVE		
	2-MS-60A	24" CONTROL VALVE		

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\*These drawings will be supplied at a later date.

PROJECT: MILLSTONE UNIT 2

SYSTEM: MAIN STEAM

VALVE DRAWINGS

VENDOR	IDENTIFICATION NO.	TITLE	VENDOR DRAWING	REV. / DATE
*	2-MS-60B	24" CONTROL VALVE	*	*
*	2-MS-60C	24" CONTROL VALVE	*	*
*	2-MS-60D	24" CONTROL VALVE	*	*
*	2-MS-61A	24" CONTROL VALVE	*	*
*	2-MS-61B	24" CONTROL VALVE	*	*
*	2-MS-61C	24" CONTROL VALVE	*	*
*	2-MS-61D	24" CONTROL VALVE	*	*
			931050	

\*These drawings will be supplied at a later date.

PROJECT: MILLSTONE UNIT 2SYSTEM: MAIN STEAMFLOOR AND WALL PENETRATION DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
25203-11163	PENETRATION SCHEDULE	0	7/76
25203-20040	CONTAINMENT PENETRATION PIPING DETAILS	0	1/20/76
25203-22000	CLOSURE DETAILS FOR PIPING PENETRATIONS THRU WALLS & FLOORS	0	2/5/76
25203-22043	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREAS 6, 7 & 10 ELEV. 45'-6"	0	2/5/76
25203-22044	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREAS 6 & 10 ELEV. 25'-6"	0	2/5/76
25203-22045	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREAS 6 & 10 ELEV. 5'-0"	0	2/5/76
25203-22046	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREA NO. 6 ELEV. 14'-6"	0	2/5/76
25203-22049	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREAS 6, 7 & 10 ELEV. 25'-6"	0	2/5/76
25203-22050	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREA 6 ELEV. 25'-6"	0	2/5/76
25203-22051	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREAS 7 ELEV. 5'-0"	0	2/5/76
25203-22052	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREA 6 ELEV. 5'-0"	0	2/5/76
25203-22053	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREAS 6, 7 & 10 ELEV. 45'-6"	0	2/5/76

PROJECT: MILLSTONE UNIT 2

SYSTEM: MAIN STEAM

PIPING ISOMETRICS AND/OR DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
25203-22054	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREAS 7 & 10 ELEV. 25'-6"	0	2/5/76
25203-22055	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREAS 7 & 10 ELEV. 5'-0"	0	2/5/76
25203-22056	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREAS 7 & 10 ELEV. 14'-6"	0	2/5/76
25203-22060	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREAS 6 ELEV. 5'-0"	0	2/5/76
25203-22063	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREAS 8 ELEV. 14'-6"	0	2/5/76
25203-22066	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREAS 6 ELEV. 5'-0"	0	2/5/76
25203-22067	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREAS 6, 7 & 10 ELEV. 5'-0"	0	2/5/76
25203-22070	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREAS 9 ELEV. 14'-6"	0	2/5/76
25203-22073	CLOSURE REQUIREMENTS FOR PIPING PENETRATIONS AREAS 5 & 7 ELEV. 14'-6"	0	2/5/76
25203-22098	CLOSURE REQUIREMENTS FOR MAIN STEAM PIPING PENETRATIONS	0	2/5/76
25203-22101	CLOSURE REQUIREMENTS FOR STEAM GEN. FEEDWATER PIPING PENETRATIONS	0	2/5/76
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PROJECT: MILLSTONE UNIT 2 - JOB 11867-014

SYSTEM: MAIN STEAM

PIPING ISOMETRICS AND/OR DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
SK-M-939	M.S. FROM DUMP VALVE TO ATM.	A	5/7/74
SK-M-317	M.S. ST. TEN. TO TURBINE (ISO.)	21	5/12/75
SK-M-462	M.S. TO S.G. AUX. F.W. PUMP TURB (ISO)	4	4/3/75
SK-M-463	M.S. TO S.G. AUX. F.W. PUMP TURB (ISO)	3	1/5/74
SK-M-940	M.S. FROM DUMP VALVE TO ATM.	2	5/7/74
SK-M-464	M.S. FROM DUMP VALVE TO ATM.	4	5/12/75
SK-M-685	M.S. FROM DUMP VALVE TO ATM.	3	10/1/74
25203-20016	AREA 2 PIPING PLAN @ EL. 0'-0"	0	1/10/76
25203-20096	MAIN STEAM DUMP TO ATMOS. PIPING	0	1/20/76
25203-20015	AREA 2 PIPING SECTION V-V	1	12/11/78
25203-20035	AREA 5 PIPING PLAN @ EL. (-) 22'-6"	0	1/20/76
25203-20036	AREA 5 PIPING PLAN @ EL. (-) 3'-6"	0	1/20/76
25203-20037	AREA 5 PIPING PLAN @ EL. 14'-6"	0	1/20/76
25203-20038	AREA 5 PIPING PLAN @ EL. 38'-6"	0	1/20/76
25203-20039	AREA 5 PIPING SECTION "A-A" & "B-B"	0	1/20/76
25203-20103	M.S. PIPING SECT. AUX. BLDG.	0	1/20/76
25203-20098	M.S. PIPING PLAN CONTN. & AUX. BLDG.	0	1/20/76
25203-20099	M.S. PIPING PLAN TURBINE BLDG.	0	1/20/76
FSK-M-02-C22	STEAM GEN. B. DOWN	8	8/21/74
FSK-M-02-031	B. DOWN SAMPLING LINE	7	8/21/74
FSK-M-02-030	B. DOWN SAMPLING LINE	6	5/22/75

931053

PROJECT: MI. LSTONE UNIT 2 - JOB 11867-014

SYSTEM: MAIN STEAM

PIPING ISOMETRICS AND/OR DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
FSK-M-02-097	S. GENERATOR B. DOWN TO ISOLATION VA	3	1/24/75
FSK-M-02-029	B. DOWN SAMPLING LINE	11	7/1/75
FSK-M-02-021	B. DOWN SAMPLING LINE	5	6/28/74
FSK-M-02-023	STEAM GENERATOR B. DOWN TO I.V.	10	2/24/75
FSK-M-02-024	STEAM GENERATOR B. DOWN TO I.V.	3	7/10/73
FSK-M-02-025	STEAM GENERATOR B. DOWN TO I.V.	5	5/21/74
FSK-M-02-026	STEAM GENERATOR B. DOWN TO I.V.	6	8/21/74
FSK-M-02-027	STEAM GENERATOR B. DOWN TO I.V.	7	9/4/75
FSK-M-02-028	BLOW-DOWN SAMPLING LINE	4	9/23/74
FSK-M-02-096	STEAM GENERATOR B. DOWN TO I.V.	3	1/23/75
FSK-M-02-07	STEAM GENERATOR B. DOWN TO I.V.	3	5/21/74
FSK-M-02-08	STEAM GENERATOR B. DOWN TO I.V.	3	5/21/74
FSK-M-02-014	STM. GEN. BLOWDOWN TO QUENCH TK.	5	4/11/75
FSK-M-02-015	STM. GEN. BLOWDOWN TO QUENCH TK.	5	4/11/75
FSK-M-02-016	STM. GEN. BLOWDOWN TO QUENCH TK.	9	7/8/75
SK-M-1016	STM. GEN. BLOWDOWN DOWNSTREAM OF ISO. VALVES	4	7/8/75
SK-M-1015	STM. GEN. BLOWDOWN DOWNSTREAM OF ISO VALVES	6	8/22/75
FSK-M-02-007H	STM. GEN. BLOWDOWN TO ISOLA. VALVES	4	8/7/75
FSK-M-02-008H	STM. GEN. BLOWDOWN TO ISOLA. VALVES	2	5/19/75
931054			

PROJECT: MILLSTONE UNIT 2 - JOB 11857-014

SYSTEM: MAIN STEAM

PIPING ISOMETRICS AND/OR DRAWINGS  
(USE FOR SUPPORT DETAILS PER WO-30)

IDENTIFICATION NO.	TITLE	REVISION	DATE
FSK-M-02-021H	STM. GEN. BLOWDOWN TO ISOLA. VALVES	2	5/6/75
FSK-M-02-022H	STM. GEN. BLOWDOWN TO ISOLA. VALVES	5	5/6/75
FSK-M-02-024H	STM. GEN. BLOWDOWN TO ISOLA. VALVES	5	5/28/75
FSK-M-02-025H	STM. GEN. BLOWDOWN TO ISOLA. VALVES	4	5/28/75
FSK-M-02-026H	STM. GEN. BLOWDOWN TO ISOLA. VALVES	3	5/25/75
FSK-M-02-027H	STM. GEN. BLOWDOWN TO ISOLA. VALVES	4	6/9/75
FSK-M-02-028H	BLOWDOWN SAMPLING LINE	5	8/8/75
FSK-M-02-029H	BLOWDOWN SAMPLING LINE	3	8/7/75
FSK-M-02-030H	BLOWDOWN SAMPLING LINE	2	2/12/75
FSK-M-02-031H	BLOWDOWN SAMPLING LINE	6	6/3/75
FSK-M-02-096H	STM. GEN. BLOWDOWN TO ISOLA. VALVES	1	5/10/75
FSK-M-02-097H	STM. GEN. BLOWDOWN TO ISOLA. VALVES	1	6/9/75
931055			