

ERRATA SHEET

- A. Page 6 of the cover letter under the heading of *Auxiliary Feedwater Valves, Paragraph 2, second line; change "1524 psid" to "1523" psid.
- B. Table 2, Note: 1, second sentence; change designated to designed.
- C. Table 4, for Operator Number VOP-3052; change Opening thrust as left unseating value from "39,000" to "29,000."
- D. Table 5; see revisions on attached page.
- E. Table 6; see revisions on attached page.
- F. Attachment A, Page 2, for valve tag numbers MO-3080 and MO-3081, under column Valve Function, change "Open for Hot Leg Injection" to "Close for Hot Leg Injection."
- G. Attachment A, Page 2, for valve tag numbers MO-3082 and MO-3083, under column Valve Function, change "Close for Hot Let Injection" to "Open for Hot Leg Injection."

RESULTS OF DIFFERENTIAL PRESSURE TESTING
 ** CLOSING ONLY **

VALVE TAG NO.		MAXIMUM DELTA-P DESIGN	ACTUAL DELTA-P TESTED	THRUST MEASURED TEST DP	THRUST REQ. @ MAX DP	THRUST AT CST	MARGIN (CST-DP)	RUNNING LOAD THRUST	
MO-0743	**	1714	1524	7600	7742	10580	2838(8)	<PL 6460	
MO-0748	**	1354	1239	5940	6454	10120	3666	400	
MO-0753	**	1714	1523	10700	11214	10700	-514(8)	<PL 6600	/
MO-0754	**	1354	1239	6100	6584	9510	2925(8)	<PL 880	/
MO-0755	**	1351	1243	5730	6115	9120	3005(8)	<PL 1300	/
MO-0759	**	1351	1244	7060	7607	9380	1773(8)	<PL 700	
MO-0760	**	1711	1526	8940	9386	11240	1854(8)	<PL 5260	
MO-0798	**	1711	1525	8680	9019	11080	2061(8)	<PL 5900	/
MO-3007		1245	NOTE 3						
MO-3009		1245	NOTE 3						
MO-3011		1245	NOTE 3						
MO-3013		1245	NOTE 3						
MO-3041		1885	NOTE 2						
MO-3045		1885	NOTE 2						
MO-3049		1885	NOTE 2						
MO-3052		1885	NOTE 2						
MO-3062	*	1245	1240	NOTE 6					/
MO-3064	*	1245	1240						
MO-3066	*	1245	1240						
MO-3068	**	1245	1240						/
MO-3080	**	1238	1050	5220	5362	15531	10169	5285	
MO-3081		1239	NOTE 4						
MO-3082	**	1235	1050	10395	11185	10395	-790	5913	
MO-3083		1235	NOTE 5						

NOTES

- * INDICATES DP TESTING & ** INDICATES DP TESTING WITH MOVATS EQUIPMENT ATTACHED.
- DP TEST COULD NOT BE PERFORMED, VALVES ARE ELECTRICALLY LOCKED OPEN.
- DP TESTING WAS NOT PERFORMED, SINCE THE VALVES ARE IDENTICAL TO THE TESTED REDUNDANT HPSI VALVES (MO-3062, 64, 66 & 68).
- DP TESTING WAS NOT PERFORMED, SINCE THIS VALVE IS IDENTICAL TO MO-3080, WHICH WAS TESTED.
- DP TESTING WAS NOT PERFORMED, SINCE THIS VALVE IS IDENTICAL TO MO-3082, WHICH WAS TESTED.
- MOVATS DATA WAS NOT OBTAINED ON THIS VALVE DUE TO AN EQUIPMENT MALFUNCTION.
- <PL INDICATES THAT THE RUNNING LOAD IS LESS THAN THE REPORTED SPRING PACK PRELOAD.
- VALVES LISTED FOR MARGIN ARE OVERLY CONSERVATIVE SINCE PRELOAD WAS USED IN PLACE OF RUNNING LOAD TO CALCULATE MARGIN.

TABLE 6

RESULTS OF DIFFERENTIAL PRESSURE TESTING

** OPENING ONLY **

VALVE TAG NO.	MAXIMUM DELTA-P DESIGN	ACTUAL DELTA-P TESTED	THRUST MEASURED TEST DP	THRUST REQ. @ MAX DP	THRUST AT CRACKING	RUNNING LOAD THRUST
MO-0743**	1714	1524	< PL	< PL	< PL	<PL 6460
MO-0748**	1354	1239	4494	4865	5580	500
MO-0753**	1714	1523	6900	6938	6900	<PL 6600
MO-0754**	1354	1239	4470	4801	4600	900
MO-0755**	1351	1243	4170	4419	4600	<PL 1300
MO-0759**	1351	1244	4800	5153	4960	<PL 700
MO-0760**	1711	1526	5820	5888	6060	<PL 5260
MO-0798**	1711	1525	6080	6102	6080	<PL 5900
MO-3007	1245	NOTE 3				
MO-3009	1245	NOTE 3				
MO-3011	1245	NOTE 3				
MO-3013	1245	NOTE 3				
MO-3041	1885	NOTE 2				
MO-3045	1885	NOTE 2				
MO-3049	1885	NOTE 2				
MO-3052	1885	NOTE 2				
MO-3062*	1245	1240	NOTE 6			
MO-3064*	1245	1240				
MO-3066*	1245	1240				
MO-3068*	1245	1240				
MO-3080**	1238	1050	124	-53	6211	1120
MO-3081	1239	NOTE 4				
MO-3082**	1235	1050	10395	10963	8154	7169
MO-3083	1235	NOTE 5				

NOTES

- 1 * INDICATES DP TESTING & ** INDICATES DP TESTING WITH MOVATS EQUIPMENT ATTACHED.
- 2 DP TEST COULD NOT BE PERFORMED, VALVES ARE ELECTRICALLY LOCKED.
- 3 DP TESTING WAS NOT PERFORMED, SINCE THE VALVES ARE IDENTICAL TO THE REDUNDANT HPSI VALVES (MO-3062, 64, 66 & 68).
- 4 DP TESTING WAS NOT PERFORMED, SINCE THIS VALVE IS IDENTICAL MO-3080, WHICH WAS TESTED.
- 5 DP TESTING WAS NOT PERFORMED, SINCE THIS VALVE IS IDENTICAL MO-3082, WHICH WAS TESTED.
- 6 MOVATS DATA WAS NOT OBTAINED ON THIS VALVE DUE TO AN EQUIPMENT MALFUNCTION
- 7 <PL INDICATES THAT THE RUNNING LOAD IS LESS THAN THE REPORTED SPRING PACK PRELOAD.