

C-1493(0)

### MONITORING MATRIX

NO.	LOCATION	PURPOSE	WHEN OPERATIONAL	MINIMUM FREQUENCY OF READING	INSTRUMENT	TOLERANCE CRITERIA	O/T READING VERIFICATION	ACTION SEQUENCE
DSB-1E	UNIT #2 F.I.V.P. (DWG. C-1490)	1) ABSOLUTE MOVEMENT OF UNIT #2 R.B. 2) ABSOLUTE MOVEMENT OF UNIT #2 F.I.V.P. 3) RELATIVE MOVEMENT BETWEEN UNIT #2 R.B. & UNIT #2 F.I.V.P.	BEFORE CONSTRUCTION SEQUENCE 2.A (DWG. C-1418-1)	ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 2A & 3; TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 5 LVDT 2) 5-1" DIAL GAUGE 3) THERMOCOUPLES PER WJE OP-38 (SEE DETAIL OF DWG. C-1491)	0.375 INCH (1) 0.5 INCH (2) SEE NOTES 3 & 4	B.U. DIAL GAUGE DMD-1E	RP/RV, AL/OK AL/OK
DSB-2E	UNIT #2 EPA EAST END (DWG. C-1491)	1) ABSOLUTE MOVEMENT OF EPA EAST END 2) ABSOLUTE MOVEMENT OF TURBINE BLDG. 3) RELATIVE MOVEMENT BETWEEN EPA & TURBINE BLDG.	BEFORE CONSTRUCTION SEQUENCE 2.A (DWG. C-1418-1)	ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 2A & 3; TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 4 LVDT 2) 4-1" DIAL GAUGE 3) THERMOCOUPLES PER WJE OP-38 (SEE DETAIL OF DWG. C-1491)	100 MILLS (1) 130 MILLS (2) SEE NOTES 1, 2 & 3	B.U. DIAL GAUGE DMD-2E, -4E, -5E	RP/RV, AL/OK AL/OK
DSB-3E	UNIT #2 CONTROL TOWER SOUTH EAST CORNER (DWG. C-1491)	1) ABSOLUTE MOVEMENT OF CONTROL TOWER SOUTH EAST CORNER 2) ABSOLUTE MOVEMENT OF TURBINE BLDG. 3) RELATIVE MOVEMENT BETWEEN CONTROL TOWER & TURBINE BLDG.	BEFORE CONSTRUCTION SEQUENCE 2.A (DWG. C-1418-1)	ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 2A & 3; TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 4 LVDT 2) 4-1" DIAL GAUGE 3) THERMOCOUPLES PER WJE OP-38 (SEE DETAIL OF DWG. C-1491)	30 MILLS (1) 110 MILLS (2) SEE NOTE 1, 2 & 3	B.U. DIAL GAUGE DMD-3E, DMD-6E, DMD-7E	RP/RV, AL/OK AL/OK
DSB-1W	UNIT #1 F.I.V.P. (DWG. C-1490)	1) ABSOLUTE MOVEMENT OF UNIT #1 R.B. 2) ABSOLUTE MOVEMENT OF UNIT #1 F.I.V.P. 3) RELATIVE MOVEMENT BETWEEN UNIT #1 R.B. AND UNIT #1 F.I.V.P.	BEFORE CONSTRUCTION SEQUENCE 2.A (DWG. C-1418-1)	ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 2A & 3; TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 5 LVDT 2) 5-1" DIAL GAUGE 3) THERMOCOUPLES PER WJE OP-38 (SEE DETAIL OF DWG. C-1491)	0.375 INCH (1) 0.5 INCH (2) SEE NOTES 3 & 4	B.U. DIAL GAUGE DMD-1W	RP/RV, AL/OK AL/OK
DSB-2W	UNIT #1 EPA WEST END (DWG. C-1491)	1) ABSOLUTE MOVEMENT OF EPA WEST END 2) ABSOLUTE MOVEMENT OF TURBINE BLDG. 3) RELATIVE MOVEMENT BETWEEN EPA AND TURBINE BLDG.	BEFORE CONSTRUCTION SEQUENCE 2.A (DWG. C-1418-1)	ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 2A & 3; TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 4 LVDT 2) 4-1" DIAL GAUGE 3) THERMOCOUPLES PER WJE OP-38 (SEE DETAIL OF DWG. C-1491)	100 MILLS (1) 130 MILLS (2) SEE NOTES 1, 2 & 3	B.U. DIAL GAUGE DMD-2W, DMD-5W, DMD-7W	RP/RV, AL/OK AL/OK
DSB-3W	UNIT #1 CONTROL TOWER SOUTHWEST CORNER (DWG. C-1491)	1) ABSOLUTE MOVEMENT OF CONTROL TOWER SOUTHWEST CORNER 2) ABSOLUTE MOVEMENT OF TURBINE BLDG. 3) RELATIVE MOVEMENT BETWEEN CONTROL TOWER & TURBINE BLDG.	BEFORE CONSTRUCTION SEQUENCE 2.A (DWG. C-1418-1)	ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 2A & 3; TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 4 LVDT 2) 4-1" DIAL GAUGE 3) THERMOCOUPLES PER WJE OP-38 (SEE DETAIL OF DWG. C-1491)	40 MILLS (1) 110 MILLS (2) SEE NOTES 1, 2 & 3	B.U. DIAL GAUGE DMD-3W, DMD-6W, DMD-7W	RP/RV, AL/OK AL/OK
DSR-AS1	AUX. BLDG. NEAR (H) LINE AND ROW (6.3) (DWG. C-1491)	ABSOLUTE VERTICAL MOVEMENT OF SOUTH SECTION (NEAR UNIT 1) AUX. BLDG.	BEFORE CONSTRUCTION SEQUENCE 2.A (DWG. C-1418-1)	ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 2A & 3; TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 1 LVDT 2) 1-1" DIAL GAUGE 3) THERMOCOUPLES PER WJE OP-38 (SEE DETAIL OF DWG. C-1491)	N/A	B.U. DIAL GAUGE	RP, AL/OK AL/OK
DSB-AS2	AUX. BLDG. NEAR (H) LINE AND ROW (7.8) (DWG. C-1491)	ABSOLUTE VERTICAL MOVEMENT OF SOUTH SECTION (NEAR UNIT 2) AUX. BLDG.	BEFORE CONSTRUCTION SEQUENCE 2.A (DWG. C-1418-1)	ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 2A & 3; TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 1 LVDT 2) 1-1" DIAL GAUGE 3) THERMOCOUPLES PER WJE OP-38 (SEE DETAIL OF DWG. C-1491)	N/A	B.U. DIAL GAUGE	RP, AL/OK AL/OK
DSB-AN	AUX. BLDG. NEAR (A) LINE AND ROW (6.6) (DWG. C-1490)	ABSOLUTE VERTICAL MOVEMENT OF NORTH SECTION AUX. BLDG.	BEFORE CONSTRUCTION SEQUENCE 2.A (DWG. C-1418-1)	ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 2A & 3; TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 1 LVDT 2) 1-1" DIAL GAUGE 3) THERMOCOUPLES PER WJE OP-38 (SEE DETAIL OF DWG. C-1491)	N/A	B.U. DIAL GAUGE	RP, AL/OK AL/OK
DMD-1W	BETWEEN F.I.V.P. #1 SOUTH WALL AND TURBINE BLDG. #1 NORTH WALL ELEV. 642'-0" (DWG. C-1490)	DETECT VERTICAL RELATIVE MOVEMENT BETWEEN F.I.V.P. #1 & TURBINE BLDG.	BEFORE CONSTRUCTION SEQUENCE 2.A (DWG. C-1418-1)	ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 2A & 3; TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE EACH HOUR IF LVOT MALFUNCTION	1-1" DIAL GAUGE (SEE DETAIL OF DWG. C-1491)	0.375 INCH (1) 0.5 INCH (2) SEE NOTES 3 & 4	DSB-1W	AL/OK
DMD-3W	REACTOR #1 WALL AND EPA FLOOR (NORTH) (DWG. C-1490)	RELATIVE HORIZONTAL AND VERTICAL MOVEMENT OF EPA TO REACTOR #1	BEFORE CONSTRUCTION SEQUENCE 2.A (DWG. C-1418-1)	TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 3; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 3 LVDT 2) 3-1" DIAL GAUGE (SEE DETAIL OF DWG. C-1491)	N/A	B.U. DIAL GAUGE DMD-3W, -4W, DSB-2W	RP/RV, AL/OK AL/OK
DMD-4W	REACTOR #1 WALL AND EPA FLOOR (NORTH) (DWG. C-1490)	RELATIVE HORIZONTAL AND VERTICAL MOVEMENT OF EPA TO TURBINE BLDG.	BEFORE CONSTRUCTION SEQUENCE 2.B (DWG. C-1418-1)	TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 3; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 3 LVDT 2) 3-1" DIAL GAUGE (SEE DETAIL OF DWG. C-1491)	N/A	B.U. DIAL GAUGE DMD-3W, -4W, DSB-2W	RP/RV, AL/OK AL/OK
DMD-5W	REACTOR #1 WALL AND EPA FLOOR (NORTH) (DWG. C-1490)	RELATIVE HORIZONTAL AND VERTICAL MOVEMENT OF EPA TO REACTOR #1	BEFORE CONSTRUCTION SEQUENCE 2.A (DWG. C-1418-1)	TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 3; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 3 LVDT 2) 3-1" DIAL GAUGE (SEE DETAIL OF DWG. C-1491)	N/A	B.U. DIAL GAUGE DMD-3W, -4W, -7W	RP/RV, AL/OK AL/OK
DMD-6W	REACTOR #1 WALL AND EPA FLOOR (NORTH) (DWG. C-1490)	RELATIVE HORIZONTAL AND VERTICAL MOVEMENT OF EPA TO TURBINE BLDG.	BEFORE CONSTRUCTION SEQUENCE 2.B (DWG. C-1418-1)	TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 3; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 3 LVDT 2) 3-1" DIAL GAUGE (SEE DETAIL OF DWG. C-1491)	N/A	B.U. DIAL GAUGE DMD-4W, -7W, DSB-3W	RP/RV, AL/OK AL/OK
DMD-7W	REACTOR #1 WALL AND EPA FLOOR (NORTH) (DWG. C-1490)	RELATIVE HORIZONTAL AND VERTICAL MOVEMENT OF EPA TO REACTOR #1	BEFORE CONSTRUCTION SEQUENCE 2.B (DWG. C-1418-1)	TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 3; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 3 LVDT 2) 3-1" DIAL GAUGE (SEE DETAIL OF DWG. C-1491)	N/A	B.U. DIAL GAUGE DMD-5W, -6W	RP/RV, AL/OK AL/OK
DMD-8	CONTROL ROOM WALL AND TURBINE FLOOR (DWG. C-1490)	RELATIVE HORIZONTAL AND VERTICAL MOVEMENT OF CONTROL ROOM TO TURBINE FLOOR	BEFORE CONSTRUCTION SEQUENCE 2.A (DWG. C-1418-1)	TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 3; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 3 LVDT (SEE DETAIL OF DWG. C-1491)	N/A	B.U. DIAL GAUGE DSB-3E, DMD-9	RP/RV, AL/OK AL/OK
DMD-9	CONTROL ROOM WALL AND TURBINE FLOOR (DWG. C-1490)	RELATIVE HORIZONTAL AND VERTICAL MOVEMENT OF CONTROL ROOM TO TURBINE FLOOR	BEFORE CONSTRUCTION SEQUENCE 2.B (DWG. C-1418-1)	TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 3; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 3 LVDT 2) 3-1" DIAL GAUGE (SEE DETAIL OF DWG. C-1491)	N/A	B.U. DIAL GAUGE DMD-8, DSB-3E	RP/RV, AL/OK AL/OK
DMD-10	CONTROL ROOM WALL AND TURBINE FLOOR (DWG. C-1490)	RELATIVE HORIZONTAL AND VERTICAL MOVEMENT OF CONTROL ROOM TO TURBINE FLOOR	BEFORE CONSTRUCTION SEQUENCE 2.B (DWG. C-1418-1)	TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 3; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 3 LVDT 2) 3-1" DIAL GAUGE (SEE DETAIL OF DWG. C-1491)	N/A	B.U. DIAL GAUGE DMD-11, DSB-3E	RP/RV, AL/OK AL/OK
DMD-11	EPA WALL AND TURBINE STRUCTURE UNIT #1 SIDE ELEVATION 705'-0" (DWG. C-1495)	RELATIVE HORIZONTAL MOVEMENT OF EPA TO TURBINE STRUCTURE	BEFORE CONSTRUCTION SEQUENCE 2.A (DWG. C-1418-1)	ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 2A & 3; TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 2 LVDT 2) 2-1" DIAL GAUGE (SEE DETAIL OF DWG. C-1495)	N/A	B.U. DIAL GAUGE DMD-12, DMD-13	RP/RV, AL/OK AL/OK
DMD-12	CONTROL ROOM WALL AND TURBINE STRUCTURE ELEVATION 705'-0" (DWG. C-1495)	RELATIVE HORIZONTAL MOVEMENT OF CONTROL ROOM TO TURBINE STRUCTURE	BEFORE CONSTRUCTION SEQUENCE 2.A (DWG. C-1418-1)	ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 2A & 3; TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 2 LVDT 2) 2-1" DIAL GAUGE (SEE DETAIL OF DWG. C-1495)	N/A	B.U. DIAL GAUGE DMD-11, DMD-13	RP/RV, AL/OK AL/OK
DMD-13	EPA WALL AND TURBINE STRUCTURE UNIT #2 SIDE ELEVATION 705'-0" (DWG. C-1495)	RELATIVE HORIZONTAL MOVEMENT OF EPA TO TURBINE STRUCTURE	BEFORE CONSTRUCTION SEQUENCE 2.A (DWG. C-1418-1)	ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 2A & 3; TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 2 LVDT 2) 2-1" DIAL GAUGE (SEE DETAIL OF DWG. C-1495)	N/A	B.U. DIAL GAUGE DMD-11, DMD-12	RP/RV, AL/OK AL/OK
DMD-1E	F.I.V.P. #2 AT TURBINE BLDG. (DWG. C-1490)	DETECT RELATIVE VERTICAL MOVEMENT BETWEEN F.I.V.P. #2 AND TURBINE BLDG.	BEFORE CONSTRUCTION SEQUENCE 2.A (DWG. C-1418-1)	ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 2A & 3; TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE EACH HOUR IF LVOT MALFUNCTION	1-1" DIAL GAUGE (SEE DETAIL OF DWG. C-1491)	0.375 INCH (1) 0.5 INCH (2) SEE NOTES 3 & 4	DSB-1E	AL/OK

### PIERS AND COLUMNS

NO.	LOCATION	WHEN OPERATIONAL	STRESS METERS	STRAIN GAUGES	FREQUENCY OF READING
DMP-9	K @ 10.25	PRIOR TO 2.B	-	-	1 @ 8 HR, 1 @ 2 HR
DMP-12	K @ 11.25	" 2.A	-	-	"
DMP-8	K @ 10	" 2.A	4C	-	"
DMP-11	K @ 10.8	" 2.A	-	-	"
DMP-10	K @ 10.5	" 2.A	-	-	"
DMP-14	K @ 11.5	" 2.A	-	-	"
DMP-13	K @ 11.3	" 2.A	-	-	"
DMP-15	HA @ 11.0	"	-	-	"
DMP-16	HK @ 10.7	"	-	-	"
DMP-17	HK @ 10.4	"	-	-	"
DMP-18	HK @ 10.0	"	-	-	"
DMP-19	K @ 9.0	"	4C	-	"
DMP-20	K @ 8.5	"	-	-	"
DMP-21	K @ 8.0	"	-	-	"
DMP-22	K @ 7.5	"	-	-	"
DMP-23	K @ 7.0	"	-	-	"
DMP-24	K @ 6.8	"	-	-	"
DMP-25	K @ 6.5	"	-	-	"
DMP-26	K @ 6.0	"	-	-	"
DMP-27	K @ 5.5	"	-	-	"
DMP-28	K @ 5.0	"	-	-	"
DMP-29	K @ 4.5	"	-	-	"
DMP-30	K @ 4.0	"	-	-	"
DMP-31	K @ 3.5	"	-	-	"
DMP-32	K @ 3.0	"	-	-	"
DMP-33	K @ 2.8	" 2.B	-	-	"
DMP-34	K @ 2.5	" 2.A	-	-	"
DMP-35	K @ 2.4	" 2.A	-	-	"
DMP-36	K @ 2.3	" 2.A	-	-	"
DMP-37	K @ 2.2	" 2.A	-	-	"
DMP-38	K @ 2.1	" 2.A	-	-	"
DMP-39	K @ 2.0	" 2.A	-	-	"
DMP-40	K @ 1.5	" 2.A	-	-	"
DMP-41	K @ 1.3	" 2.A	-	-	"
DMP-42	HK @ 1.0	"	-	-	"
DMP-43	HK @ 0.8	"	-	-	"
DMP-44	HK @ 0.7	"	-	-	"
DMP-45	HK @ 0.6	"	-	-	"
DMP-46	HK @ 0.5	"	-	-	"
DMP-47	HK @ 0.4	"	-	-	"
DMP-48	HK @ 0.3	"	-	-	"
DMP-49	HK @ 0.2	"	-	-	"
DMP-50	HK @ 0.1	"	-	-	"
DMP-51	J @ 5.89	"	-	-	"
DMP-52	J @ 5.6	"	-	-	"
DMP-53	J @ 5.4	"	-	-	"
DMP-54	J @ 5.2	"	-	-	"
DMP-55	J @ 5.0	"	-	-	"
DMP-56	J @ 4.8	"	-	-	"
DMP-57	J @ 4.6	"	-	-	"
DMP-58	J @ 4.4	"	-	-	"
DMP-59	J @ 4.2	"	-	-	"
DMP-60	J @ 4.0	"	-	-	"
DMP-61	J @ 3.8	"	-	-	"
DMP-62	J @ 3.6	"	-	-	"
DMP-63	J @ 3.4	"	-	-	"
DMP-64	J @ 3.2	"	-	-	"
DMP-65	J @ 3.0	"	-	-	"
DMP-66	J @ 2.8	"	-	-	"
DMP-67	J @ 2.6	"	-	-	"
DMP-68	J @ 2.4	"	-	-	"
DMP-69	J @ 2.2	"	-	-	"
DMP-70	J @ 2.0	"	-	-	"
DMP-71	J @ 1.8	"	-	-	"
DMP-72	J @ 1.6	"	-	-	"
DMP-73	J @ 1.4	"	-	-	"
DMP-74	J @ 1.2	"	-	-	"
DMP-75	J @ 1.0	"	-	-	"
DMP-76	J @ 0.8	"	-	-	"
DMP-77	J @ 0.6	"	-	-	"
DMP-78	J @ 0.4	"	-	-	"
DMP-79	J @ 0.2	"	-	-	"
DMP-80	J @ 0.1	"	-	-	"
DMP-81	K @ 5.25	"	-	-	"
DMP-82	K @ 5.0	" 2.A	-	-	"
DMP-83	K @ 4.8	" 2.B	-	-	"
DMP-84	K @ 4.6	"	-	-	"
DMP-85	K @ 4.4	"	-	-	"
DMP-86	K @ 4.2	"	-	-	"
DMP-87	K @ 4.0	"	-	-	"
DMP-88	K @ 3.8	"	-	-	"
DMP-89	K @ 3.6	"	-	-	"
DMP-90	K @ 3.4	"	-	-	"
DMP-91	K @ 3.2	"	-	-	"
DMP-92	K @ 3.0	"	-	-	"
DMP-93	K @ 2.8	"	-	-	"
DMP-94	K @ 2.6	"	-	-	"
DMP-95	K @ 2.4	"	-	-	"
DMP-96	K @ 2.2	"	-	-	"
DMP-97	K @ 2.0	"	-	-	"
DMP-98	K @ 1.8	"	-	-	"
DMP-99	K @ 1.6	"	-	-	"
DMP-100	K @ 1.4	"	-	-	"

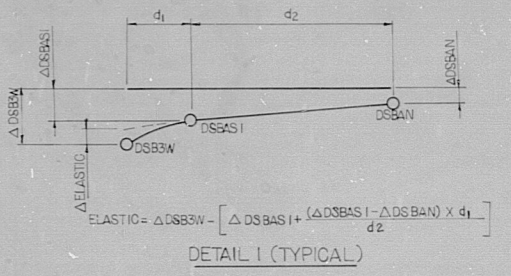
### LEGEND

RP = REPAIR INSTRUMENT  
RV = VERIFY; READ ADJ. GAUGES  
AL = ALARM  
OK = RESET INSTR. AND PROCEED  
DM = PIERS (ALL)  
2 DIAL GAUGES IN ALL FREQ. OF READING IS MINIMUM REQUIRED  
3-IN. STROKE RANGE FOR GA. Δ.33.0", OK/AL

PIERS:  
4C = 2 CARLSON METERS, TOP AND BOTTOM  
2C = 1 CARLSON METER, TOP AND BOTTOM

COLUMNS:  
S = STRAIN GAUGES

NOTES:  
1. TOLERANCE CRITERIA ARE FOR RELATIVE VERTICAL DEFLECTION (ΔELASTIC).  
(1) - PREDICTED LIMIT  
(2) - ALLOWABLE LIMIT  
2. SEE DETAIL 1 FOR DEFINITION OF ΔELASTIC.  
3. REFER TO SPECIFICATION 7220-C-200 FOR DEFINITION OF PREDICTED & ALLOWABLE LIMITS AND FOR ADMINISTRATIVE PLAN OF ACTION WHEN ΔELASTIC REACHES OR EXCEEDS PREDICTED & ALLOWABLE LIMITS.  
4. TOLERANCE CRITERIA ARE FOR RELATIVE VERTICAL DEFLECTION (ΔELASTIC) BETWEEN F.I.V.P. AND REACTOR BLDG. (OR TURBINE BLDG. AS APPLICABLE).  
(1) - PREDICTED LIMIT  
(2) - ALLOWABLE LIMIT



### MONITORING MATRIX

NO.	LOCATION	PURPOSE	WHEN OPERATIONAL	MINIMUM FREQUENCY OF READING	INSTRUMENT	TOLERANCE CRITERIA	O/T READING VERIFICATION	ACTION SEQUENCE
DMD-3E	REACTOR #2 WALL AND EPA FLOOR (DWG. C-1490)	DETECT RELATIVE VERTICAL AND HORIZONTAL MOVEMENT BETWEEN EPA FLOOR AND REACTOR #2	BEFORE CONSTRUCTION SEQUENCE 2.B (DWG. C-1418-1)	TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 3; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 3 LVDT (SEE DETAIL OF DWG. C-1491)	N/A	B.U. DIAL GAUGE DSB-2E, DMD-4E	RP/RV, AL/OK AL/OK
DMD-4E	REACTOR #2 WALL AND EPA FLOOR (DWG. C-1490)	DETECT RELATIVE VERTICAL AND HORIZONTAL MOVEMENT BETWEEN EPA FLOOR AND REACTOR #2	BEFORE CONSTRUCTION SEQUENCE 2.B (DWG. C-1418-1)	TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 3; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 3 LVDT (SEE DETAIL OF DWG. C-1491)	N/A	B.U. DIAL GAUGE DMD-5E, DMD-6E	RP/RV, AL/OK AL/OK
DMD-5E	REACTOR #2 WALL AND EPA FLOOR (DWG. C-1490)	DETECT RELATIVE VERTICAL AND HORIZONTAL MOVEMENT BETWEEN EPA FLOOR AND REACTOR #2	BEFORE CONSTRUCTION SEQUENCE 2.B (DWG. C-1418-1)	TWO TIMES PER 8 HR SHIFT AT MINIMUM INTERVAL OF 4 HOURS DURING PHASE 2B; ONCE PER 8 HR SHIFT AT MINIMUM INTERVAL OF 10 HOURS DURING PHASE 3; ONCE EACH HOUR IF LVOT MALFUNCTION	1) 3 LVDT (SEE DETAIL OF DWG. C-1491)	N/A	B.U. DIAL GAUGE DMD-4E, DSB-3E	RP/RV, AL/OK AL/OK

### BEAMS WALLS AND SLABS

NUMBER	LOCATION	WHEN OPERATIONAL	FREQUENCY OF READING	INSTRUMENTS
ST 1	Fx @ 5.3	PRIOR TO 2.A	1 @ 8 HR	1 LVDT 1" DIAL GA
ST 2	Fx @ 7.8	"	"	"
ST 3	Gx @ 5.3, 5.684	"	"	"
ST 4	Gx @ 7.8, 8.08	"		

RIDS

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