

TOLEDO EDISON
DAVIS-BESSE NUCLEAR POWER STATION UNIT NO. 1
SAFETY-RELATED PIPING SYSTEM
SUPPORT AND HANGER DISCREPANCIES

-- SUMMARY REPORT --

REVISION 3

JULY 26, 1985

8508130091 850726
PDR ADDCK 05000346
R PDR

SECTION 1.0

AUXILIARY FEEDWATER PUMP

TURBINE STEAM SUPPLY PIPING SYSTEM

AFCEC NO.
07/24/85

AFPTSS SYSTEM ENGINEERING FINDINGS

REV. 3

SUPPORT NO.	DESCRIPTION	DATE WRITTEN	NCR NO.	DISP'D RESP IND
EBD-19-H147	SWAY STRUT PULLED FROM WALL	03/01/85	85-0016	Y SJO
A3	LOOSE ANCHOR BOLTS NUTS	03/13/85	85-0018	Y GNF
EBD-19-H34	DEFORMED STANCHION	03/13/85	85-0019	Y GNF
EBD-19-H32	NON-CODE WELD ON WRAPPER PLATE TO PIPING WELD	03/27/85	85-0026	Y SJO
EBD-19-H58	DEFECTIVE MECHANICAL SNUBBER	04/11/85	85-0032	Y SJO
EBD-19-H58	EXCESSIVE LATERAL MOVEMENT OF SUPPORT	04/11/85	SR85-79	Y SJO
EBD-19-H144	HYDRAULIC SNUBBER PISTON ROD BROKEN	04/18/85	85-0038	Y SJO
EBD-19-H136	TWELVE (12) ANCHOR BOLTS IN LIEU OF SEVEN (7) SPECIFIED	04/30/85	85-0042	Y GNF
EBD-19-H54	WELD DETAIL INACCURATE	04/30/85	85-0043	Y GNF
EBD-19-H142	LOOSE ANCHOR BOLT NUT	05/01/85	85-0045	Y GNF
EBD-19-H51	WALL INTERFERENCE WITH SUPPORT MEMBER	05/08/85	85-0052A	Y RAA
EBD-19-H132	LOOSE ANCHOR BOLTS, BASEPLATE GAP	05/16/85	85-0019A	Y GNF
EBD-19-H32	LOOSE ANCHOR BOLTS, SNUBBER PIPE CLAMP MIS-ALIGNED, WASHERS MISSING	05/16/85	85-0019A	Y SJO
EBD-19-H28	PIPE SADDLES DEFORMED	05/16/85	85-0019A	Y SJO
EBD-19-H25	SHEARED BOLT	05/16/85	85-0019A	Y SJO
EBD-19-H26	WALL CRACK	05/16/85	85-0019A	Y SJO
EBD-19-H14	SNUBBER PIPE CLAMP MIS-ALIGNED	05/16/85	85-0019A	Y SJO
EBD-19-H135	LOOSE ANCHOR BOLTS, ONE BOLT DID NOT TORQUE	05/16/85	85-0019A	Y GNF
EBD-19-H66	LOOSE ANCHOR BOLTS	05/16/85	85-0019A	Y GNF
EBD-19-H50	RESTRAINT PULLED FROM WALL	05/16/85	85-0019A	Y GNF
EBD-19-H49	SWAY STRUT PULLED FROM WALL	05/16/85	85-0019A	Y GNF
EBD-19-H142	RESTRAINT PULLED FROM WALL	05/16/85	85-0019A	Y GNF
EBD-19-H67	LOOSE ANCHOR BOLTS	05/16/85	85-0019A	Y GNF
EBD-19-H145	SWAY STRUT JAM NUT LOOSE, LOOSE ANCHOR BOLT	05/17/85	85-0067	Y SJO

REV. 3

SUPPORT NO.	DESCRIPTION	DATE WRITTEN	NCR NO.	DISP'D IND	RESP
EBD-19-H62	SWAY STOP JAM NUT LOOSE	05/17/85	85-0068	Y	SJO
EBE-2-H20	SUPPORT NOT SHOWN ON HANGER LOCATION DRAWING	05/17/85	85-0069	Y	SJO
EBD-19-H14	SNUBBER PIPE CLAMP MIS-ALIGNED, LOOSE ANCHOR BOLTS	05/17/85	85-0070	Y	SJO

REV. 3

SUPPORT NO.	DESCRIPTION	DATE WRITTEN	NCR NO.	DISP'D RESP	IND
EBD-19-H51	ANCHOR BOLT INSTALLED AT AN ANGLE, BASEPLATE GAP	04/30/85	85-0044	Y	GNF
EBD-19-H59	BOLTS LONGER THAN SPECIFIED, GROUT 2" THICK IN LIEU OF 1"	05/02/85	85-0046	Y	GNF
EBD-19-H59	REMOTE RESERVOIR NOT SHOWN ON DRAWING	05/08/85	85-0048	Y	RAA
EBD-19-H51	INCORRECT SPRING SETTING	05/08/85	85-0052	Y	RAA
EBD-19-H50	CHIPPED CONCRETE AROUND BASEPLATE	05/08/85	85-0053	Y	GNF
EBD-19-H143	FIREPROOFING BROKEN AWAY	05/09/85	85-0054	Y	TWH
EBD-19-H147	ANCHOR BOLT INSTALLED AT AN ANGLE	05/09/85	85-0055	Y	GNF
EBD-19-H154	SHIM SIZE NOT PER DRAWING	05/09/85	85-0056	Y	RAA
EBD-19-H62	FIREPROOFING BROKEN AWAY	05/09/85	85-0057	Y	TWH
EBD-19-H60	WRONG SIZE SPRING HANGER	05/09/85	85-0058	Y	RAA
EBD-19-H141	BOOT SEAL TORN	05/10/85	85-0059	Y	TWH
EBD-19-H58	EXCESSIVE LATERAL MOVEMENT OF SUPPORT	05/10/85	SR85-79	Y	SJO
EBD-19-H55	BASEPLATE ANCHOR BOLT WASHERS SIZE QUESTIONABLE	05/10/85	SR85-79	Y	GNF
EBD-20-H1	LOOSE ANCHOR BOLTS NUTS, BASEPLATE GAP	05/16/85	85-0064	Y	GNF
A3	BASE PLATE GAP	05/16/85	85-0065	Y	GNF
EBD-19-H142	BASE PLATE GAP	05/16/85	85-0066	Y	GNF
EBD-19-H144	BASE PLATE GAP	05/16/85	85-0066	Y	GNF
EBD-19-H145	BASE PLATE GAP	05/16/85	85-0066	Y	GNF
EBD-19-H147	BASE PLATE GAP	05/16/85	85-0066	Y	GNF
EBD-19-H70	SWAY STRUT JAM NUT LOOSE	05/21/85	85-0092	Y	SJO
EBD-19-H14	ALL THREAD ROD USED IN LIEU OF BOLTS	05/21/85	85-0092	Y	GNF
EBD-19-H20	ALL THREAD ROD USED IN LIEU OF BOLTS	05/21/85	85-0092	Y	GNF
EBD-19-H38	HANGER LOCATION DRAWING INCORRECT	05/21/85	85-0092	Y	SJO
EBD-19-H39	HANGER LOCATION DRAWING INCORRECT	05/21/85	85-0092	Y	SJO

REV. 3

SUPPORT NO.	DESCRIPTION	DATE WRITTEN	NCR NO.	DISP'D RESP	IND
EBD-19-H132	BOLTS USED NOT REFLECTED ON DRAWING	05/21/85	85-092	Y	GNF
EBD-19-H28	CRACKED FIREPROOFING	05/21/85	NA	Y	TWH
EBD-19-H29	CRACKED FIREPROOFING	05/21/85	NA	Y	TWH
EBD-19-H34	MISSING FIREPROOFING	05/21/85	NA	Y	TWH
EBD-19-H35	CRACKED FIREPROOFING	05/21/85	NA	Y	TWH
EBD-19-H38	CRACKED FIREPROOFING	05/21/85	NA	Y	TWH
EBD-19-H39	CRACKED FIREPROOFING	05/21/85	NA	Y	TWH
A221	CRACKED FIREPROOFING	05/21/85	NA	Y	TWH
EBD-19-H21	TWO (2) BOLTS NOT MARKED FOR TORQUE TEST	05/21/85	SR85-0079		GNF
EBD-20-H1	SWAY STRUT PIPE CLAMP MIS-ALIGNED	05/21/85	SR85-79	Y	SJO
EBD-19-H25	UPPER GUIDE ANGLE BENT	05/22/85	85-0071	Y	RAA
EBD-19-H132	FIREPROOFING BROKEN	05/22/85	85-0072	Y	TWH
EBD-19-H133	FIREPROOFING BROKEN	05/22/85	85-0072	Y	TWH
EBD-19-H13	SWAY STRUT JAM NUT LOOSE	05/24/85	85-0074	Y	SJO
EBD-19-H13A	SWAY STRUT JAM NUT LOOSE	05/24/85	85-0074	Y	SJO
EBD-19-H15	SWAY STRUT JAM NUT LOOSE	05/24/85	85-0074	Y	SJO
EBD-19-H16	SWAY STRUT JAM NUT LOOSE	05/24/85	85-0074	Y	SJO
EBD-19-H74	FLASHING MISSING ON INSULATION	05/24/85	85-0074	Y	SJO
EBD-19-H19	THREE (3) OF FOUR (4) PINS HAVE NAILS IN LIEU OF COTTER KEYS	05/24/85	85-0074	Y	SJO
EBD-19-H20	WASHER MISSING, NO FREE ROTATION ON BUSHING	05/24/85	85-0074	Y	SJO
EBD-19-H26	INSUL DWN, STRAPS LOOSE & MISSING	05/24/85	85-0074	Y	SJO
EBD-19-H32	SNUBBER PIPE CLAMP MIS-ALIGNED, SNUBBER JAM NUT LOOSE	05/24/85	85-0074	Y	SJO
EBD-19-H33	SWAY STRUT ROTATES ON EXTENSION THREADS NOT BUSHING	05/24/85	85-0074	Y	SJO
EBD-19-H36	STRAPS LOOSE, INSULATION DOWN, (ALSO H37)	05/24/85	85-0074	Y	SJO

REV. 3

SUPPORT NO.	DESCRIPTION	DATE WRITTEN	NCR NO.	DISP'D RESP IND
EBD-19-H37	CORRESPONDS TO EBD-19-H36 ON 85-0074	05/24/85	85-0074	Y SJO
EBD-19-H133	SWAY STRUT PIPE CLAMP MIS-ALIGNED	05/24/85	85-0074	Y SJO
EBD-19-H65	SWAY STRUT MIS-ALIGNED	05/29/85	85-0082	Y SJO
EBD-19-H10	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H8	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H6	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H66	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H65	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H150	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H67	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H135	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H74	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H21	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H22	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H23	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H24	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H133	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H132	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H131	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H12	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H26	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H72	BASEPLATE GAP	06/06/85	85-0090	GNF
A362	BASEPLATE GAP	06/06/85	85-0090	GNF
EBD-19-H49	BASEPLATE GAP	06/06/85	85-091	GNF
EBD-19-H50	BASEPLATE GAP	06/06/85	85-091	GNF

REV. 3

SUPPORT NO.	DESCRIPTION	DATE WRITTEN	NCR NO.	DISP'D RESP IND
EBD-19-H52	BASEPLATE GAP	06/06/85	85-091	GNF
EBD-19-H53	BASEPLATE GAP	06/06/85	85-091	GNF
EBD-19-H54	BASEPLATE GAP	06/06/85	85-091	GNF
EBD-19-H55	BASEPLATE GAP	06/06/85	85-091	GNF
EBD-19-H56	BASEPLATE GAP	06/06/85	85-091	GNF
EBD-19-H51	BASEPLATE GAP	06/06/85	85-091	GNF
EBD-19-H141	CONCRETE CRACKS	06/06/85	SR85-74	Y GNF
EBD-19-H47	CONCRETE CRACKS	06/06/85	SR85-74	Y GNF
EBD-19-H48	CONCRETE CRACKS	06/06/85	SR85-74	Y GNF
A3	CONCRETE CRACKS	06/06/85	SR85-74	Y GNF
EBD-19-H133	ANGLE NOT WELDED PER DRAWING	07/10/85	85-0092A	Y SJO
EBD 19-H132	WASHERS #1 x #2 DISHED (CONCAVE)	07/11/85	85-0092A	GNF

REV. 3

SUPPORT NO.	DESCRIPTION	DATE WRITTEN	NCR NO.	DISP'D RESP IND
EBD-19-H49	ANCHOR BOLTS PULLED OUT	05/14/85	85-0060	Y GNF
EBD-19-H136	ONE INACTIVE BOLT	05/15/85	85-0042A	Y GNF
EBD-19-H49	SWAY STRUT PIPE CLAMP MIS-ALIGNED	05/16/85	85-0093	Y SJO
EBD-19-H47	BASEPLATE ANCHOR BOLT WASHERS NOT SHOWN ON DRAWING	05/16/85	SR85-79	Y GNF
EBD-19-H52	SNUGGER REAR BUSHING NOT FREE TO MOVE	05/16/85	SR85-79	Y SJO
EBD-19-H150	PIPE CLAMP BOLTS LOOSE	05/21/85	85-0092	Y SJO
EBD-19-H67	CLEARANCE GAP ON RESTRAINT NOT PER DRAWING	05/21/85	85-0092	Y SJO
EBD-19-H38	SHIM WELDED TO SUPPORT NOT PER DRAWING	05/21/85	SR85-79	Y SJO
EBD-19-H39	SHIM WELDED TO SUPPORT NOT PER DRAWING	05/21/85	SR85-79	Y SJO
EBD-19-H17	SWAY STRUT END BEARING DOES NOT MOVE FREELY	05/23/85	85-0092	Y SJO
EBD-19-H14	CONCRETE AROUND BASEPLATE IS CHIPPED	05/23/85	SR85-73	Y GNF
EBD-19-H132	CONCRETE CRACKS IN WALL	05/23/85	SR85-73	Y GNF
EBD-19-H67	CONCRETE CRACKS IN WALL	05/23/85	SR85-73	Y GNF
EBD-19-H68	CONCRETE CRACKS IN WALL	05/23/85	SR85-73	Y GNF
EBD-19-H12	CONCRETE CRACK IN WALL	05/23/85	SR85-73	Y GNF
EBD-19-H148	CONCRETE CRACK IN WALL	05/23/85	SR85-73	Y GNF
EBD-19-H65	CONCRETE CRACK IN WALL	05/23/85	SR85-73	Y GNF
EBD-19-H26	CONCRETE CRACK IN WALL	05/23/85	SR85-73	Y GNF
EBD-19-H22	CONCRETE CRACK IN WALL	05/23/85	SR85-73	Y GNF
EBD-19-H20	CONCRETE CRACK IN WALL	05/23/85	SR85-73	Y GNF
EBP-20-H1	LOOSE SWAY STRUT JAM NUT	06/05/85	85-0088	Y SJO
EBD-20-H1	BROKEN FIREPROOFING	06/05/85	85-0089	Y TWH
EBD-19-H154	BROKEN FIREPROOFING	06/05/85	85-0089	Y TWH
EBD-19-H18	SWAY STRUT ROTATES ON THREADS	06/06/85	85-0092	Y SJO
EBD-20-H1	LOOSE SWAY STRUT JAM NUT	06/06/85	85-0092	Y SJO

3

3

REV. 3

SUPPORT NO.	DESCRIPTION	DATE WRITTEN	NCR NO.	DISP'D RESP IND
EBD-19-H16	SWAY STRUT JAM NUT LOOSE, PIPE CLAMP LOOSE	06/11/85	85-0094	Y SJO
EBD-19-H13A	SWAY STRUT EYELET CONTACTS PIPE CLAMP	06/11/85	85-0094	Y SJO

SECTION 2.0

AUXILIARY FEEDWATER SYSTEM

DAVIS - BESSE PIPING / SUPPORTS
INSPECTION FINDINGS

REV. 3

SUPPORT NUMBER	DESCRIPTION	DATE	NCR/SR NUMBER	DISP'D	RESP IND
EBD-14-H76	CONCRETE CHIPPED	05/08/85	85-0049	Y	GNF
EBD-14-H80	BASEPLATE GAP/CONCRETE CHIPPED	05/08/85	85-0050	Y	GNF
EBD-14-H90	BASEPLATE GAP	05/08/85	85-0051	Y	GNF
EBD-14-H54	BOLT SIZE INCORRECT	05/23/85	85-0073	Y	GNF
EBD-14-H69	LOOSE BOLT	05/24/85	85-0075	Y	GNF
EBD-14-H68	ONE BOLT WILL NOT TORQUE	05/28/85	85-0076	Y	GNF
EBD-14-H67	BOLT TYPE INCORRECT	05/28/85	85-0077	Y	GNF
EBD-14-H77	BOLT SIZE & QUANTITY INCORRECT	06/25/85	85-0102		GNF
EBD-14-H91	BOLT SIZE INCORRECT	07/10/85	85-0108		GNF