

Davis-Besse 17RFO May 2012
2.C(7) Steam Generator Tube Circumferential Crack Report

S/G	Count	Row	Tube	Ind	Volts	TSP	Inch	Probe	%TW	CI Ext	Degradation Mechanism	Section a	Section b	Section c
1-B	1	42	111	SCI	0.36	LTE	1.43	520PP	39	0.2	Roll Trans PWSCC		x	
1-B	2	45	77	SCI	0.46	LTE	1.52	520PP	56	0.16	Roll Trans PWSCC		x	
1-B	3	45	86	SCI	2.34	UTE	-0.11	520PP	96	0.53	Tube End PWSCC		x	
1-B	4	48	78	MCI	0.87	LTE	1.52	520PP	35	0.62	Roll Trans PWSCC		x	
1-B	5	50	78	SCI	0.49	LTE	1.59	520PP	99	0.37	Roll Trans PWSCC		x	
1-B	6	51	79	MCI	0.27	LTE	1.6	520PP	98	1.09	Roll Trans PWSCC		x	
1-B	7	52	76	MCI	0.35	LTE	1.53	520PP	73	1.09	Roll Trans PWSCC		x	
1-B	8	53	80	MCI	0.54	LTE	1.57	520PP	99	1.1	Roll Trans PWSCC		x	
1-B	9	54	79	MCI	0.4	LTE	1.62	520PP	94	1.03	Roll Trans PWSCC		x	
1-B	10	56	77	SCI	0.78	LTE	1.59	520PP	98	0.51	Roll Trans PWSCC		x	
1-B	11	57	80	SCI	0.23	LTE	1.53	520PP	98	0.3	Roll Trans PWSCC		x	
1-B	12	58	79	SCI	0.4	LTE	1.63	520PP	89	0.44	Roll Trans PWSCC		x	
1-B	13	59	30	SCI	0.56	LTE	1.49	520PP	58	0.18	Roll Trans PWSCC		x	
1-B	14	62	79	MCI	0.75	LTE	1.65	520PP	31	1.18	Roll Trans PWSCC		x	
1-B	15	65	30	SCI	0.26	LTE	1.58	520PP	32	0.18	Roll Trans PWSCC		x	
1-B	16	65	30	SCI	0.72	LTE	1.5	520PP	46	0.21	Roll Trans PWSCC		x	
1-B	17	66	81	SCI	0.75	LTE	1.65	520PP	65	0.2	Roll Trans PWSCC		x	
1-B	18	73	75	SCI	0.61	LTE	1.52	520PP	98	0.11	Roll Trans PWSCC		x	
1-B	19	77	68	MCI	0.92	LTE	1.6	520PP	66	0.23	Roll Trans PWSCC		x	
1-B	20	77	69	SCI	0.52	LTE	1.5	520PP	68	0.31	Roll Trans PWSCC		x	
1-B	21	78	68	MCI	0.67	LTE	1.6	520PP	96	0.25	Roll Trans PWSCC		x	
1-B	22	82	56	SCI	0.96	LTE	1.53	520PP	64	0.4	Roll Trans PWSCC		x	
1-B	23	84	73	SCI	0.46	LTE	1.51	520PP	68	0.15	Roll Trans PWSCC		x	
1-B	24	84	75	MCI	0.7	LTE	1.59	520PP	51	0.18	Roll Trans PWSCC		x	
1-B	25	86	53	SCI	0.45	LTE	1.6	520PP	51	0.18	Roll Trans PWSCC		x	
1-B	26	86	54	MCI	1.09	LTE	1.59	520PP	68	0.73	Roll Trans PWSCC		x	
1-B	27	86	69	MCI	0.6	LTE	1.63	520PP	63	0.18	Roll Trans PWSCC		x	
1-B	28	87	66	SCI	0.48	LTE	1.53	520PP	25	0.15	Roll Trans PWSCC		x	
1-B	29	87	70	MCI	0.29	LTE	1.62	520PP	50	0.18	Roll Trans PWSCC		x	
1-B	30	87	74	MCI	0.41	LTE	1.73	520PP	66	0.2	Roll Trans PWSCC		x	
1-B	31	89	59	SCI	0.79	LTE	1.61	520PP	48	0.23	Roll Trans PWSCC		x	
1-B	32	92	69	MCI	1.05	LTE	1.57	520PP	74	1.41	Roll Trans PWSCC		x	
1-B	33	94	53	MCI	0.56	LTE	1.58	520PP	99	0.37	Roll Trans PWSCC		x	
1-B	34	94	69	SCI	0.73	LTE	1.51	520PP	82	0.22	Roll Trans PWSCC		x	
1-B	35	94	73	SCI	0.34	LTE	1.58	520PP	39	0.2	Roll Trans PWSCC		x	
1-B	36	95	72	MCI	0.98	LTE	1.56	520PP	65	1.35	Roll Trans PWSCC		x	
1-B	37	98	93	SCI	0.43	LTE	1.58	520PP	52	0.23	Roll Trans PWSCC		x	
1-B	38	100	70	MCI	0.4	LTE	1.6	520PP	63	0.2	Roll Trans PWSCC		x	
1-B	39	106	69	SCI	0.72	LTE	1.79	520PP	66	0.18	Roll Trans PWSCC		x	
1-B	40	142	26	SVI	1.87	UTE	-2.35	520PP	47	0.27	ID Mechanical		x	
2-A	41	20	15	SCI	0.44	UTE	-3.2	520PP	33	0.36	Reroll Trans PWSCC		x	
2-A	42	20	85	SCI	1.88	UTE	-0.28	520PP	37	0.51	Tube End PWSCC		x	
2-A	43	44	61	SCI	0.95	UTE	-1.94	520PP	68	0.21	Roll Trans PWSCC		x	
2-A	44	72	63	SCI	0.76	UTE	-1.37	520PP	29	0.25	Roll Trans PWSCC		x	
2-A	45	89	9	SCI	1.09	UTE	-3.14	520PP	43	0.47	Reroll Trans PWSCC		x	
2-A	46	101	124	SCI	1.83	UTE	-0.2	520PP	95	0.58	Tube End PWSCC		x	0.05894
2-A	47	104	107	SCI	0.83	UTE	-2.98	520PP	77	1.22	Reroll Trans PWSCC		x	
2-A	48	133	1	SCI	0.84	UTE	-0.26	520PP	81	0.23	Tube End PWSCC		x	0.05439
2-A	49	151	7	SCI	2.43	UTE	-0.3	520PP	60	0.43	Tube End PWSCC		x	