

Davis Besse 15RFO Eddy Current Exam Scope	SG 2-A	SG 1-B
Inspection of all newly installed repair rolls.	100 estimate	100 estimate
Periphery AFW Header to tube gap analysis to determine if the header is moving.	382	411
Full length bobbin examination of all in-service non-sleeved tubing.	14878	15213
Full length bobbin examination of 100% sleeves.	199	212
+Point™ exam of the sleeve at the point of entry (USE) and parent tube pressure boundary portion extending approximately 6 inches past the sleeve end (LSE) of 100% of the sleeves (the parent tube between the bottom of the upper most sleeve roll and the top of the middle sleeve roll may be excluded from inspection since it is not pressure boundary).	199	212
+Point™ inspection of non-sleeved in-service upper tube roll expansions (100%) including non stress relieved upper repair roll expansions and factory re-rolls.	14679	15001
+Point™ coil examination of 29% of the non-sleeved in-service tubes in the upper tube sheet region from tube end including tube end, upper roll expansion and crevice to upper tube sheet exit.	4257	4351
+Point™ inspection of 25% of the in-service stress relieved lower tube roll expansions and tube ends in OTSG 2-A.	3721	0
+Point™ inspection of in-service stress relieved lower tube roll expansions and tube ends in S/G 1-B 100%.	0	15213
+Point™ coil examination of the tubes bordering the sleeve region.	91	81
+Point™ coil examination of all of the flaw-like indications (I codes, new dents, new Manufacturing Burnish Marks (MBMs) and wear per the DA) reported from bobbin.	582 estimate	505 estimate
+Point™ coil examination of all Non Quantifiable Signals (NQSs) and MBM indications above 14S.	90 estimate	102 estimate
+Point™ coil examination of all dent indications below B10 (100% sample of all previously reported and new dents using a 2.5 volt bobbin threshold).	201	163
+Point™ coil examination of all dent indications greater than or equal to 1 volt between 14S and UTE in the non-periphery region.	146	273
+Point™ coil examination of all dent indications greater than or equal to 0.5 volts between 14S and UTE in the periphery region.	13	13
+Point™ coil sample inspection of lower tubesheet sludge pile region tubes.	1192	1294
Sleeve Bobbin and +Point™ coil inspection of all previously identified gross mean distortions (39 tubes SG 1-B).	0	39
+Point™ coil inspection of all previously identified and new magnetic stain (MAG) indications (23 tubes SG 1-B)	0	23
+Point™ inspection of 50% of the Hot Leg rolled Plugs.	280	117
Visual Welded Plug Exam (VT-1) (100%)	33	19
Visual Plug exams of all Plugs in Upper and Lower (100%)	1158	488
Total Exams	42201	53830

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Axial Indications

SG	Count	Row	Tube	Ind	Volts	TSP	Inch1	Probe	Depth	Ax Len	Deg Mode
2-A	1	70	84	SAI	0.43	UTE	-1.52	520PP	40	0.16	Roll Transition PWSCC
2-A	2	104	107	MAI	0.62	UTE	-1.52	520PP	60	0.18	Roll Transition PWSCC
2-A	3	50	48	MAI	0.89	UTE	-1.34	520PP	41	0.15	Roll Transition PWSCC
2-A	4	91	8	MAI	0.70	UTE	-3.68	520PP	80	0.28	ReRoll Transition PWSCC
2-A	5	119	80	MAI	0.82	UTE	-3.55	520PP	73	0.22	ReRoll Transition PWSCC
2-A	6	113	105	SAI	0.56	UTE	-2.94	520PP	46	0.20	ReRoll Transition PWSCC
2-A	7	105	107	MAI	0.53	UTE	-2.93	520PP	54	0.22	ReRoll Transition PWSCC
2-A	8	67	3	MAI	0.86	UTE	-3.11	520PP	71	0.21	ReRoll Transition PWSCC
2-A	9	43	118	MAI	0.92	UTE	-3.05	520PP	99	0.26	ReRoll Transition PWSCC
2-A	10	63	78	SAI	0.45	UTE	-3.14	520PP	79	0.28	ReRoll Transition PWSCC
2-A	11	118	104	MAI	0.68	UTE	-3.06	520PP	32	0.18	ReRoll Transition PWSCC
2-A	12	120	106	MAI	0.60	UTE	-3.12	520PP	75	0.24	ReRoll Transition PWSCC
2-A	13	118	106	SAI	1.00	UTE	-3.05	520PP	92	0.29	ReRoll Transition PWSCC
2-A	14	126	77	SAI	1.56	UTE	-3.57	520PP	91	0.31	ReRoll Transition PWSCC
2-A	15	26	80	MAI	1.50	UTE	-3.40	520PP	76	0.26	ReRoll Transition PWSCC
2-A	16	25	81	MAI	1.21	UTE	-2.90	520PP	90	0.18	ReRoll Transition PWSCC
2-A	17	21	49	MAI	1.92	UTE	-3.25	520PP	99	0.32	ReRoll Transition PWSCC
2-A	18	15	70	MAI	1.42	UTE	-3.05	520PP	99	0.46	ReRoll Transition PWSCC
2-A	19	126	76	SAI	1.01	UTE	-3.07	520PP	50	0.18	ReRoll Transition PWSCC
2-A	20	124	100	MAI	0.47	UTE	-3.45	520PP	69	0.26	ReRoll Transition PWSCC
2-A	21	27	22	SAI	1.49	UTE	-3.05	520PP	99	0.26	ReRoll Transition PWSCC
2-A	22	88	72	SAI	0.16	15S	24.16	520PP	0	0.24	Groove IGA
2-A	23	66	1	SAI	0.15	15S	-3.67	520PP	7	0.50	Groove IGA
2-A	24	66	1	SAI	0.14	15S	-3.27	520PP	20	0.40	Groove IGA
1-B	25	101	57	MAI	0.64	UTE	-1.46	520PP	44	0.16	Roll Transition PWSCC
1-B	26	71	68	SAI	0.20	UTE	-1.35	520PP	87	0.14	Roll Transition PWSCC
1-B	27	43	108	MAI	0.44	UTE	-3.47	520PP	25	0.28	ReRoll Transition PWSCC
1-B	28	36	91	SAI	0.70	UTE	-3.46	520PP	62	0.21	ReRoll Transition PWSCC
1-B	29	29	66	MAI	0.47	UTE	-3.23	520PP	75	0.25	ReRoll Transition PWSCC
1-B	30	40	104	MAI	1.00	UTE	-2.92	520PP	71	0.23	ReRoll Transition PWSCC
1-B	31	78	58	MAI	0.57	UTE	-3.31	520PP	51	0.26	ReRoll Transition PWSCC

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 New Tube End Indications (Not in Previously Rerolled Tubes)

SG	Count	Row	Tube	Ind	Volts	TSP	Inch1	Probe
2-A	1	14	9	SAA	1.65	UTE	-0.23	520PP
2-A	2	17	12	MAA	1.56	UTE	-0.26	520PP
2-A	3	19	15	SAA	1.28	UTE	-0.19	520PP
2-A	4	20	30	SAA	0.98	UTE	-0.21	520PP
2-A	5	14	30	SAA	0.61	UTE	-0.20	520PP
2-A	6	13	9	SAA	1.54	UTE	-0.23	520PP
2-A	7	131	6	SAA	0.67	UTE	-0.31	520PP
2-A	8	143	31	MAA	1.32	UTE	-0.28	520PP
2-A	9	32	37	SAA	0.99	UTE	-0.25	520PP
2-A	10	55	4	SAA	2.13	UTE	-0.29	520PP
2-A	11	61	3	SAA	0.96	UTE	-0.25	520PP
2-A	12	45	21	SAA	1.05	UTE	-0.34	520PP
2-A	13	75	46	SAA	0.98	UTE	-0.24	520PP
2-A	14	88	10	SAA	1.13	UTE	-0.25	520PP
2-A	15	82	12	SAA	1.21	UTE	-0.27	520PP
2-A	16	82	10	SAA	1.33	UTE	-0.25	520PP
2-A	17	118	102	SAA	1.08	UTE	-0.36	520PP
2-A	18	85	9	SAA	1.22	UTE	-0.25	520PP
2-A	19	87	5	SAA	0.82	UTE	-0.33	520PP
2-A	20	121	103	SAA	1.20	UTE	-0.24	520PP
2-A	21	116	1	MAA	1.17	UTE	-0.25	520PP
2-A	22	121	102	SAA	1.09	UTE	-0.30	520PP
2-A	23	29	89	SAA	1.50	UTE	-0.28	520PP
2-A	24	25	80	MAA	1.63	UTE	-0.29	520PP
2-A	25	72	124	SAA	1.81	UTE	-0.25	520PP
2-A	26	22	51	SAA	1.59	UTE	-0.32	520PP
2-A	27	26	53	SAA	1.07	UTE	-0.24	520PP
2-A	28	16	45	SAA	1.19	UTE	-0.25	520PP
2-A	29	93	7	SAA	1.16	UTE	-0.29	520PP
2-A	30	16	73	SAA	1.19	UTE	-0.20	520PP
2-A	31	11	38	SAA	0.93	UTE	-0.32	520PP
2-A	32	13	40	MAA	2.17	UTE	-0.27	520PP
2-A	33	104	107	SAA	1.50	UTE	-0.27	520PP
2-A	34	112	87	SAA	1.73	UTE	-0.37	520PP
2-A	35	115	109	SAA	1.22	UTE	-0.24	520PP
2-A	36	114	108	MAA	1.08	UTE	-0.31	520PP
2-A	37	100	23	SAA	1.09	UTE	-0.31	520PP
2-A	38	106	4	SAA	1.21	UTE	-0.27	520PP
2-A	39	26	48	SAA	1.63	UTE	-0.26	520PP
2-A	40	22	17	SAA	1.10	UTE	-0.25	520PP
2-A	41	20	17	SAA	1.29	UTE	-0.24	520PP
2-A	42	19	48	SAA	1.11	UTE	-0.27	520PP
2-A	43	8	33	SAA	1.52	UTE	-0.23	520PP

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 New Tube End Indications (Not in Previously Rerolled Tubes)

SG	Count	Row	Tube	Ind	Volts	TSP	Inch1	Probe
1-B	44	102	120	MAA	1.79	UTE	-0.21	520PP
1-B	45	45	77	SAA	1.41	UTE	-0.20	520PP
1-B	46	111	48	SAA	1.07	UTE	-0.13	520PP
1-B	47	8	41	MAA	1.90	UTE	-0.13	520PP
1-B	48	108	117	SAA	1.27	UTE	-0.29	520PP
1-B	49	104	118	SAA	1.56	UTE	-0.17	520PP
1-B	50	111	29	SAA	1.54	UTE	-0.32	520PP
1-B	51	81	104	SAA	0.82	UTE	-0.14	520PP
1-B	52	103	119	SAA	0.94	UTE	-0.31	520PP
1-B	53	38	18	SAA	1.05	UTE	-0.26	520PP
1-B	54	72	53	SAA	1.02	UTE	-0.10	520PP
1-B	55	132	76	SAA	0.84	UTE	-0.29	520PP
1-B	56	9	23	SAA	2.24	UTE	-0.30	520PP
1-B	57	54	50	MAA	1.74	UTE	-0.33	520PP
1-B	58	36	90	SAA	1.42	UTE	-0.28	520PP

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Circumferential Indications (Not in Prev Rerolled Tubes)

SG	Count	Row	Tube	Ind	Volts	TSP	Inch1	Probe	Depth	Circ Len	Deg Mode
2-A	1	100	1	SCI	0.78	UTE	-0.33	520PP	56	0.21	Tube End PWSCC

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 Volumetric Indications (Not in Previously Rerolled Tubes)

SG	Row	Tube	Ind	Volts	TSP	Inch1	Probe	Depth	Ax Len	Circ Len	Deg Mode
2-A	12	70	SVI	0.14	15S	-3.37	520PP	4	0.29	0.15	ODI-VOLUMETRIC
2-A	143	12	SVI	4.88	UTE	-0.67	520PP	87	0.35	0.33	ID Impact near Tube End
2-A	85	7	SVI	0.26	UTE	-3.72	520PP	12	0.23	0.23	VOL IGA in Roll Transition
2-A	4	7	SVI	0.33	15S	-1.25	520PP	27	0.35	0.36	ODI-VOLUMETRIC
2-A	4	6	SVI	0.15	15S	-1.51	520PP	36	0.47	0.20	ODI-VOLUMETRIC
2-A	16	81	SVI	0.19	15S	-2.81	520PP	11	0.18	0.15	ODI-VOLUMETRIC
2-A	14	75	SVI	0.17	15S	-4.29	520PP	11	0.23	0.20	ODI-VOLUMETRIC
2-A	13	74	SVI	0.39	15S	-1.22	520PP	29	0.41	0.31	ODI-VOLUMETRIC
2-A	13	73	SVI	0.38	15S	-3.34	520PP	23	0.76	0.19	ODI-VOLUMETRIC
2-A	11	68	SVI	0.26	15S	-3.26	520PP	12	0.47	0.31	ODI-VOLUMETRIC

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Top 10 Wear Calls By Bobbin Depth

SG	Row	Tube	Depth	Volts	TSP	Inch1	Prev Depth
2-A	16	2	28	1.41	13S	-0.68	24
2-A	147	36	22	1.04	10S	0.66	22
1-B	67	1	22	1.05	12S	-0.02	21
2-A	146	33	20	0.92	10S	0.64	17
2-A	13	1	20	0.98	13S	-0.72	15
2-A	88	76	17	0.68	11S	0.57	11
2-A	12	1	17	0.87	13S	-0.70	14
2-A	150	27	16	0.97	10S	-0.70	18
2-A	86	127	16	0.73	14S	-0.61	11
1-B	122	104	16	0.70	10S	-0.70	14