FENOC
FirstEnergy Nuclear Operating Company

5501 North State Route 2
Oak Harbor, Ohio 43449

Lew W. Myers
Chief Operating Officer

419-321-7599
Fax 419-321-7582

Docket Number 50-346

License Number NPF-3

Serial Number 2944

March 31, 2003

United States Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555-0001

Subject: Technical Specifications 4.4.5.5.b and 6.9.1.5.b: Report of Steam Generator Tube Inservice Inspection Results

Ladies and Gentlemen:

This letter is submitted in accordance with the Davis-Besse Nuclear Power Station, Unit Number 1, Operating License, Appendix A Technical Specifications. Technical Specification Surveillance Requirement 4.4.5.5.b and Administrative Controls requirement 6.9.1.5.b require the FirstEnergy Nuclear Operating Company (FENOC) to submit the complete results of the Steam Generator tube inservice inspection. These results are presented in Attachment 1.

Should you have any questions or require additional information, please contact Mr. Patrick McCloskey, Manager - Regulatory Affairs, at (419) 321-8450.

Very truly yours,

Lew W Myers

MAR

Attachments
Enclosure

cc: J. E. Dyer, Regional Administrator, NRC Region III
J. B. Hopkins, NRC/NRR Senior Project Manager
C. S. Thomas, NRC Region III, DB-1 Senior Resident Inspector
Utility Radiological Safety Board

A001

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Eddy Current Examination Techniques

The tubing in the Once Through Steam Generators (OTSG's) at the Davis-Besse Nuclear Power Station Unit #1 was examined in February and March, 2002, during the 13th Refueling Outage. The examinations were conducted by Framatome Technologies to meet the requirements of the Davis-Besse Unit #1 Technical Specifications.

The eddy current examinations were performed utilizing various eddy current probes. The bobbin coil technique was used to perform the standard ASME Code examination for flaw detection. This technique was applied to the complete length of all in-service tubes. The rotating plus point and pancake techniques (RPP) were used to examine specific areas of interest. These areas included upper tube end roll expansion regions, critical areas of tubes bordering the sleeved (lane & wedge) region, non-stress relieved roll transitions, the lower tubesheet crevice region and select dent locations. These techniques were also used to characterize all indications reported by the bobbin technique and the pancake coil was used to provide final depth sizing of Tube Support Plate wear indications. Both plus point and bobbin techniques were used to examine tube sleeves. The rotating plus point probe was applied to the rolled regions and lower sleeve end while the bobbin probe was used to examine the unrolled portion. The rotating plus point technique was used to examine plugs.

Attachment 2 contains the Eddy Current Identification Codes used in the tables in this attachment.

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS
STEAM GENERATOR #1 (B)

Table1: Number and Extent of Tubes Inspected SG #1:

Examination Technique	Tubes	Extent	Number Inspected
Bobbin	All In-Service	Full Length	15,353 Tubes
Bobbin	All Sleeves	Full Length	212 Tubes
Plus Point	59% of Sleeves	Sleeve Roll Transitions	126 Tubes
Plus Point and Rotating Pancake Coil	57% of In-Service Tubes	Upper Tube Roll Expansion Area	8,844 Tubes
Plus Point and Rotating Pancake Coil	All Non-Stress Relieved Tube Roll Expansions	Upper Tube Roll Expansion Area	3 Tubes
Plus Point	72% of Hot Leg Roll Plugs	Plug Pressure Boundary	69 Plugs
Plus Point and Rotating Pancake Coil	Tubes bordering the Sleeved Region	15 TSP ±1 inch and UTS Secondary Face -1 inch to + 4 inches	80 Tubes
Plus Point and Rotating Pancake Coil	All Tubes with Flaw-Like Indications	Flaw-Like Indication Area	364 Locations
Plus Point and Rotating Pancake Coil	All Dent Locations above the 14th TSP and 60% of the remaining Dent Population	Dent Area	136 Dents
Plus Point and Rotating Pancake Coil	23% of Lower Tube Sheet sludge pile	Sludge Pile Region at LTS +4 inches to LTS – 16 inches	500 Tubes
Bobbin	All deplugged tubes for profileometry	Full Length	8 Tubes

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 2: Location and Percent of Wall Thickness Penetration for Each Imperfection-SG #1:

OTSG	Row	Tube	Ind	Location		%TW	Indication Count
1B	1	6	TWD	14S	-0.73	21	1
1B	2	2	TWD	14S	-0.47	16	2
1B	2	4	TWD	14S	-0.72	12	3
1B	2	27	TWD	12S	+0.59	19	4
1B	3	12	TWD	10S	+0.61	12	5
1B	3	31	TWD	12S	+0.66	17	6
1B	4	16	TWD	10S	+0.49	9	7
1B	4	17	TWD	10S	+0.64	18	8
1B	4	39	TWD	12S	-0.62	12	9
1B	5	9	TWD	08S	+0.67	15	10
1B	5	13	TWD	10S	+0.60	17	11
1B	5	13	TWD	10S	+0.64	18	12
1B	5	31	TWD	11S	-0.81	19	13
1B	5	44	TWD	13S	+0.55	19	14
1B	6	13	TWD	10S	+0.61	15	15
1B	6	39	TWD	09S	+0.56	18	16
1B	6	49	TWD	14S	+0.57	18	17
1B	6	50	TWD	13S	+0.63	25	18
1B	7	10	TWD	10S	+0.60	22	19
1B	7	43	TWD	11S	-0.79	15	20
1B	8	48	TWD	11S	-0.81	13	21
1B	9	52	TWD	13S	+0.49	22	22
1B	9	54	TWD	14S	+0.52	14	23
1B	9	60	TWD	09S	+0.15	7	24
1B	10	24	TWD	09S	-0.66	13	25
1B	10	40	TWD	14S	+0.63	20	26
1B	10	56	TWD	14S	-0.72	20	27
1B	10	65	TWD	13S	+0.59	14	28
1B	10	65	TWD	14S	+0.61	10	29
1B	10	65	TWD	14S	-0.62	23	30
1B	11	24	TWD	13S	+0.66	15	31
1B	11	48	TWD	08S	+0.58	21	32
1B	11	58	TWD	06S	+0.73	12	33
1B	11	58	TWD	14S	+0.61	16	34
1B	12	50	TWD	08S	+0.57	15	35
1B	13	2	TWD	12S	+0.65	20	36
1B	13	52	TWD	14S	+0.58	14	37
1B	13	57	TWD	11S	-0.81	16	38
1B	14	9	TWD	01S	-0.31	15	39

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 2: Location and Percent of Wall Thickness Penetration for Each Imperfection-SG #1:

OTSG	Row	Tube	Ind	Location		%TW	Indication Count
1B	14	64	TWD	14S	+0.61	14	40
1B	14	73	TWD	11S	+0.19	11	41
1B	14	74	TWD	11S	+0.60	18	42
1B	14	74	TWD	12S	-0.26	28	43
1B	15	2	TWD	12S	+0.57	17	44
1B	15	55	TWD	14S	+0.58	13	45
1B	15	67	TWD	09S	+0.64	21	46
1B	15	67	TWD	09S	-0.63	15	47
1B	15	76	TWD	09S	-0.29	15	48
1B	15	76	TWD	13S	+0.62	15	49
1B	16	69	TWD	09S	+0.57	18	50
1B	16	78	TWD	14S	+0.65	18	51
1B	17	77	TWD	06S	+0.58	12	52
1B	17	79	TWD	09S	+0.58	12	53
1B	17	79	TWD	09S	-0.49	19	54
1B	17	81	TWD	10S	+0.49	19	55
1B	18	4	TWD	09S	+0.63	18	56
1B	18	47	TWD	11S	-0.74	18	57
1B	18	79	TWD	09S	+0.58	22	58
1B	18	80	TWD	09S	+0.60	17	59
1B	18	80	TWD	09S	-0.74	12	60
1B	19	15	TWD	08S	+0.40	17	61
1B	20	41	TWD	09S	-0.74	18	62
1B	20	79	TWD	09S	+0.54	19	63
1B	20	79	TWD	09S	-0.75	11	64
1B	20	84	TWD	09S	+0.21	15	65
1B	22	5	TWD	09S	+0.62	28	66
1B	22	88	TWD	09S	+0.62	24	67
1B	22	93	SAI	15S	-2.33	28	68
1B	23	78	TWD	08S	+0.48	12	69
1B	23	80	TWD	14S	+0.51	17	70
1B	23	94	MAI	15S	-1.99	24	71
1B	25	97	TWD	10S	+0.67	13	72
1B	26	14	TWD	12S	-0.78	10	73
1B	26	80	TWD	14S	+0.62	15	74
1B	27	63	SAA	UTE	-0.26	N/A	75
1B	27	64	SAA	UTE	-0.30	N/A	76
1B	27	97	TWD	09S	+0.61	18	77
1B	28	96	TWD	09S	+0.61	22	78
1B	28	99	TWD	09S	+0.68	17	79
1B	28	100	TWD	10S	+0.46	16	80

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 2: Location and Percent of Wall Thickness Penetration for Each Imperfection-SG #1:

OTSG	Row	Tube	Ind	Location		%TW	Indication Count
1B	29	102	TWD	10S	+0.62	22	81
1B	30	104	TWD	10S	-0.73	18	82
1B	31	98	TWD	07S	-0.76	16	83
1B	31	104	TWD	09S	+0.64	13	84
1B	36	5	TWD	10S	+0.37	20	85
1B	36	99	MAA	UTE	-0.28	N/A	86
1B	40	52	SVI	06S	+0.10	36	87
1B	41	108	TWD	09S	-0.34	18	88
1B	41	112	TWD	09S	+0.66	9	89
1B	41	114	TWD	05S	-0.73	8	90
1B	42	112	TWD	09S	-0.58	16	91
1B	43	116	TWD	10S	+0.59	19	92
1B	44	117	TWD	10S	+0.65	16	93
1B	45	118	TWD	10S	+0.53	17	94
1B	46	114	TWD	08S	+0.62	12	95
1B	48	121	TWD	08S	-0.50	19	96
1B	50	122	TWD	09S	+0.62	8	97
1B	52	89	TWD	05S	-0.74	18	98
1B	52	120	TWD	07S	-0.46	14	99
1B	53	126	TWD	12S	-0.75	19	100
1B	54	1	TWD	11S	-0.63	16	101
1B	54	1	TWD	14S	-0.59	19	102
1B	54	116	TWD	03S	+0.61	11	103
1B	56	122	TWD	09S	+0.47	18	104
1B	57	2	TWD	05S	-0.77	9	105
1B	58	1	TWD	12S	+0.63	16	106
1B	60	113	TWD	03S	-0.72	16	107
1B	60	127	TWD	09S	+0.62	15	108
1B	60	128	TWD	10S	+0.51	25	109
1B	61	121	TWD	09S	+0.69	20	110
1B	61	125	TWD	10S	+0.41	26	111
1B	63	126	TWD	09S	+0.65	23	112
1B	63	128	SAI	UTS	-13.71	14	113
1B	64	27	TWD	04S	-0.73	20	114
1B	65	58	MVI	UTE	-1.58	78	115
1B	65	62	SVI	04S	+30.78	62	116
1B	67	1	TWD	12S	+0.63	22	117
1B	67	1	TWD	12S	-0.02	21	118
1B	67	2	SVI	UTS	+9.62	49	119
1B	67	48	TWD	03S	+0.74	10	120
1B	67	118	TWD	05S	-0.79	12	121

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 2: Location and Percent of Wall Thickness Penetration for Each Imperfection-SG #1:

OTSG	Row	Tube	Ind	Location		%TW	Indication Count
1B	68	3	TWD	15S	-0.66	8	122
1B	68	63	MVI	03S	+23.86	47	123
1B	68	63	MVI	03S	+32.38	57	124
1B	69	2	TWD	12S	+0.47	17	125
1B	69	3	TWD	12S	+0.65	16	126
1B	69	60	TWD	04S	+0.49	8	127
1B	69	66	TWD	09S	+0.72	15	128
1B	70	2	TWD	12S	+0.46	20	129
1B	70	6	TWD	12S	+0.62	18	130
1B	70	14	TWD	12S	+0.65	16	131
1B	70	37	TWD	06S	+0.45	10	132
1B	70	62	SVI	03S	+28.80	48	133
1B	71	2	TWD	13S	-0.70	17	134
1B	71	28	TWD	11S	+0.65	12	135
1B	72	2	TWD	12S	-0.65	14	136
1B	72	59	SVI	04S	+4.91	54	137
1B	72	60	SAI	06S	+29.66	56	138
1B	73	4	TWD	13S	-0.39	13	139
1B	73	9	TWD	12S	+0.71	15	140
1B	73	12	TWD	12S	+0.61	17	141
1B	73	62	SVI	04S	+9.86	42	142
1B	74	4	TWD	13S	+0.68	16	143
1B	77	43	TWD	04S	-0.71	15	144
1B	77	68	TWD	03S	-0.12	11	145
1B	80	6	TWD	09S	+0.40	16	146
1B	80	70	SVI	03S	+38.11	55	147
1B	81	65	TWD	11S	+0.50	12	148
1B	81	126	TWD	09S	-0.62	8	149
1B	83	4	TWD	10S	+0.57	10	150
1B	83	66	SVI	03S	+21.44	54	151
1B	83	66	SVI	04S	+1.33	50	152
1B	86	103	TWD	04S	-0.72	17	153
1B	87	1	TWD	06S	-0.66	8	154
1B	88	3	TWD	09S	+0.57	9	155
1B	89	54	SVI	06S	+0.30	0	156
1B	92	1	TWD	14S	+0.53	12	157
1B	94	1	TWD	08S	-0.67	12	158
1B	95	1	SAA	UTE	-0.39	N/A	159
1B	95	128	SAI	UTS	-14.22	0	160
1B	96	124	SVI	05S	+0.29	24	161
1B	99	26	SVI	UTE	-1.74	57	162

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 2: Location and Percent of Wall Thickness Penetration for Each Imperfection-SG #1:

OTSG	Row	Tube	Ind	Location		%TW	Indication Count
1B	99	94	TWD	06S	-0.59	15	163
1B	101	124	TWD	12S	-0.63	18	164
1B	102	73	SVI	06S	+0.07	11	165
1B	103	113	TWD	07S	+0.60	10	166
1B	104	32	SAA	UTE	-0.25	N/A	167
1B	104	121	TWD	03S	-0.67	19	168
1B	109	69	TWD	06S	+0.51	20	169
1B	111	6	TWD	06S	+0.55	10	170
1B	112	71	TWD	03S	-0.77	14	171
1B	113	9	TWD	08S	+0.65	15	172
1B	114	4	TWD	09S	+0.65	13	173
1B	115	113	TWD	10S	-0.74	18	174
1B	115	114	TWD	07S	-0.55	27	175
1B	116	111	TWD	10S	-0.62	19	176
1B	117	1	TWD	09S	+0.58	11	177
1B	119	105	TWD	10S	+0.66	17	178
1B	121	41	TWD	04S	+0.45	10	179
1B	121	90	TWD	07S	+0.65	18	180
1B	121	105	TWD	10S	+0.66	11	181
1B	121	105	TWD	10S	-0.63	18	182
1B	122	6	TWD	08S	-0.33	12	183
1B	122	104	TWD	10S	-0.58	36	184
1B	123	66	SAI	UTS	-4.42	38	185
1B	123	86	TWD	03S	+0.69	12	186
1B	123	86	TWD	03S	-0.66	13	187
1B	123	100	TWD	10S	+0.59	19	188
1B	123	102	TWD	10S	-0.61	27	189
1B	124	100	TWD	10S	-0.67	21	190
1B	126	98	TWD	10S	+0.65	15	191
1B	126	98	TWD	10S	-0.57	22	192
1B	127	49	TWD	09S	-0.79	15	193
1B	127	76	TWD	07S	+0.13	11	194
1B	127	76	TWD	07S	-0.55	11	195
1B	127	77	TWD	10S	-0.71	13	196
1B	128	94	TWD	10S	-0.55	27	197
1B	128	95	TWD	11S	-0.64	18	198
1B	129	9	TWD	06S	+0.70	10	199
1B	129	93	TWD	10S	-0.61	24	200
1B	129	94	TWD	10S	-0.74	20	201
1B	129	94	TWD	11S	-0.72	19	202
1B	130	73	SAA	UTE	-0.34	N/A	203

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 2: Location and Percent of Wall Thickness Penetration for Each Imperfection-SG #1:

OTSG	Row	Tube	Ind	Location		%TW	Indication Count
1B	130	74	TWD	05S	-0.01	10	204
1B	130	93	TWD	11S	-0.77	20	205
1B	130	93	SVI	15S	-4.22	0	206
1B	131	6	TWD	10S	-0.73	12	207
1B	131	89	TWD	12S	-0.26	19	208
1B	132	6	TWD	10S	+0.66	17	209
1B	133	2	TWD	09S	-0.64	11	210
1B	133	86	TWD	14S	-0.71	21	211
1B	134	1	SAI	15S	-1.48	0	212
1B	134	50	TWD	10S	+0.72	14	213
1B	134	84	TWD	12S	+0.64	13	214
1B	135	54	TWD	03S	+0.44	15	215
1B	135	79	TWD	06S	+0.69	16	216
1B	136	44	TWD	07S	+0.35	12	217
1B	137	5	TWD	09S	-0.71	16	218
1B	138	6	TWD	10S	+0.65	11	219
1B	138	75	TWD	10S	-0.70	26	220
1B	139	7	TWD	10S	+0.61	17	221
1B	140	2	TWD	12S	-0.71	15	222
1B	141	1	TWD	12S	-0.70	10	223
1B	141	47	TWD	14S	+0.53	13	224
1B	141	67	TWD	14S	+0.58	19	225
1B	141	68	TWD	14S	+0.26	18	226
1B	141	68	TWD	14S	-0.70	11	227
1B	142	37	SVI	07S	+0.03	24	228
1B	142	56	TWD	03S	+0.40	10	229
1B	143	46	TWD	14S	+0.57	14	230
1B	145	30	TWD	03S	+0.69	14	231
1B	145	42	TWD	14S	+0.62	16	232
1B	147	20	TWD	10S	-0.71	17	233
1B	147	25	TWD	09S	-0.70	12	234
1B	147	33	TWD	10S	+0.67	26	235
1B	148	22	TWD	09S	-0.51	21	236
1B	148	39	TWD	12S	+0.54	12	237
1B	148	41	TWD	11S	+0.39	13	238
1B	148	41	TWD	11S	-0.05	14	239
1B	148	41	TWD	11S	-0.62	14	240
1B	149	19	TWD	09S	-0.71	17	241
1B	149	28	TWD	11S	-0.20	18	242
1B	149	30	TWD	10S	+0.72	12	243
1B	149	30	TWD	10S	-0.62	12	244

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 2: Location and Percent of Wall Thickness Penetration for Each Imperfection-SG #1:

OTSG	Row	Tube	Ind	Location		%TW	Indication Count
1B	149	32	TWD	12S	+0.29	16	245
1B	149	33	TWD	12S	+0.35	14	246
1B	149	33	TWD	12S	-0.65	14	247
1B	150	19	SAI	UTS	-19.78	51	248
1B	150	20	TWD	10S	+0.64	19	249
1B	150	23	TWD	12S	+0.67	14	250
1B	150	26	TWD	11S	-0.13	13	251
1B	150	27	TWD	11S	-0.16	13	252
1B	151	5	TWD	10S	-0.74	18	253
1B	151	5	TWD	12S	+0.49	18	254
1B	151	9	TWD	14S	+0.56	22	255
1B	151	13	TWD	14S	-0.19	33	256
1B	151	14	TWD	10S	+0.74	13	257
1B	151	14	TWD	11S	-0.74	15	258
1B	151	16	TWD	14S	-0.61	24	259

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 3: Identification of Tubes Repaired-SG #1:				
S/G	ROW	TUBE	Reason for Repair	Tube Count
Repaired by Plugging				
1-B	22	93	SAI @ 15S -2.33	1
1-B	23	94	MAI @ 15S -1.99	2
1-B	39	90	Capture Tube B 40-91	3
1-B	39	91	Capture Tube B 40-91	4
1-B	40	52	SVI @ 06S +0.1	5
1-B	40	90	Capture Tube B 40-91	6
1-B	40	92	Capture Tube B 40-91	7
1-B	41	90	Capture Tube B 40-91	8
1-B	41	91	Capture Tube B 40-91	9
1-B	52	71	Capture Tube B 53-72	10
1-B	52	72	Capture Tube B 53-72	11
1-B	53	71	Capture Tube B 53-72	12
1-B	53	73	Capture Tube B 53-72	13
1-B	54	72	Capture Tube B 53-72	14
1-B	54	73	Capture Tube B 53-72	15
1-B	58	128	Capture Tube B 58-129	16
1-B	59	124	Capture Tube B 58-129	17
1-B	60	129	Capture Tube B 58-129	18
1-B	63	128	SAI @ UTS -13.71	19
1-B	65	62	SVI @ 04S +30.78	20
1-B	67	2	SVI @ UTS +9.62	21
1-B	68	63	MVI @ 03S +23.86	22
			MVI @ 03S +32.38	
1-B	70	62	SVI @ 03S +28.8	23
1-B	72	59	SVI @ 04S +4.91	24
1-B	72	60	SAI @ 06S +29.66	25
1-B	72	117	Capture Tube B 73-117	26
1-B	72	118	Capture Tube B 73-117	27
1-B	73	62	SVI @ 04S +9.86	28
1-B	73	116	Capture Tube B 73-117	29
1-B	73	118	Capture Tube B 73-117	30
1-B	74	112	Capture Tube B 73-117	31
1-B	74	113	Capture Tube B 73-117	32
1-B	80	70	SVI @ 03S +38.11	33
1-B	83	66	SVI @ 03S +21.44	34
			SVI @ 04S +1.33	
1-B	89	54	SVI @ 06S +0.3	35
1-B	91	53	Capture Tube B 92-55	36
1-B	91	54	Capture Tube B 92-55	37

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 3: Identification of Tubes Repaired-SG #1:				
S/G	**ROW**	**TUBE**	**Reason for Repair**	**Tube Count**
1-B	92	54	Capture Tube B 92-55	38
1-B	92	56	Capture Tube B 92-55	39
1-B	93	51	Capture Tube B 93-52	40
1-B	93	53	Capture Tube B 93-52	41
1-B	94	54	Capture Tube B 93-52	42
1-B	94	55	Capture Tube B 93-52	43
1-B	95	128	SAI @ UTS -14.22	44
1-B	96	124	SVI @ 05S +0.29	45
1-B	102	73	SVI @ 06S +0.07	46
1-B	123	66	SAI @ UTS -4.42	47
1-B	126	65	Capture Tube B 127-65	48
1-B	126	66	Capture Tube B 127-65	49
1-B	127	64	Capture Tube B 127-65	50
1-B	127	66	Capture Tube B 127-65	51
1-B	128	63	Capture Tube B 127-65	52
1-B	128	64	Capture Tube B 127-65	53
1-B	130	93	SVI @ 15S -4.22	54
1-B	134	1	SAI @ 15S -1.48	55
1-B	142	37	SVI @ 07S +0.03	56
1-B	150	19	SAI @ UTS -19.78	57
Repaired by Repair Roll				
1-B	27	63	SAA @ UTE -0.26	1
1-B	27	64	SAA @ UTE -0.3	2
1-B	36	99	MAA @ UTE -0.28	3
1-B	65	58	MVI @ UTE -1.58	4
1-B	95	1	SAA @ UTE -0.39	5
1-B	99	26	SVI @ UTE -1.74	6
1-B	104	32	SAA @ UTE -0.25	7
1-B	130	73	SAA @ UTE -0.34	8
			Total New Repaired Tubes	65

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

STEAM GENERATOR #2 (A)

Table 4: Number and Extent of Tubes Inspected SG-#2:			
Examination Technique	**Tubes**	**Extent**	**Number Inspected**
Bobbin	All In-Service	Full Length	15,021 Tubes
Bobbin	All Sleeves	Full Length	199 Tubes
Plus Point	64% of Sleeves	Sleeve Roll Transitions	128 Tubes
Plus Point and Rotating Pancake Coil	57% of In-Service Tubes	Upper Tube Roll Expansion Area	8,616 Tubes
Plus Point and Rotating Pancake Coil	All Non-Stress Relieved Tube Roll Expansions	Upper and Lower Tube Roll Expansion Area	3 Tubes
Plus Point	66% of Hot Leg Roll Plugs	Plug Pressure Boundary	277Plugs
Plus Point and Rotating Pancake Coil	Tubes bordering the Sleeved Region	15 TSP ±1 inch and UTS Secondary Face -1 inch to + 4 inches	85 Tubes
Plus Point and Rotating Pancake Coil	All Tubes with Flaw-Like Indications	Flaw-Like Indication Area	479 Locations
Plus Point and Rotating Pancake Coil	All Dent Locations above the 14th TSP and 60% of the remaining Dent Population	Dent Area	75 Dents
Plus Point and Rotating Pancake Coil	23% of Lower Tube Sheet sludge pile	Sludge Pile Region at LTS +4 inches to LTS – 16 inches	500 Tubes
Bobbin	All deplugged tubes for profileometry	Full Length	47 Tubes

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 5: Location and Percent of Wall Thickness Penetration for Each Imperfection SG-#2:

OTSG	ROW	TUBE	IND	LOCATION		%TW	Indication Count
2A	1	2	TWD	11S	+0.68	9	1
2A	1	2	TWD	11S	-0.60	16	2
2A	3	3	TWD	14S	-0.57	17	3
2A	3	11	TWD	08S	-0.25	12	4
2A	3	29	TWD	13S	-0.73	14	5
2A	3	33	TWD	13S	+0.69	16	6
2A	4	1	TWD	14S	+0.66	13	7
2A	4	4	TWD	14S	-0.56	20	8
2A	4	33	TWD	09S	+0.65	17	9
2A	4	35	TWD	13S	-0.72	18	10
2A	4	40	TWD	12S	-0.66	10	11
2A	4	41	TWD	13S	+0.63	22	12
2A	5	12	TWD	10S	+0.66	15	13
2A	5	20	TWD	08S	+0.32	17	14
2A	5	41	TWD	13S	-0.66	13	15
2A	5	42	TWD	13S	+0.68	18	16
2A	5	42	TWD	13S	-0.67	15	17
2A	5	45	TWD	13S	+0.73	16	18
2A	5	45	TWD	13S	-0.60	13	19
2A	5	45	TWD	14S	-0.71	18	20
2A	5	46	TWD	13S	+0.70	19	21
2A	6	47	TWD	14S	+0.65	15	22
2A	7	12	TWD	10S	+0.41	11	24
2A	7	16	TWD	07S	+0.70	7	25
2A	9	60	TWD	14S	-0.76	14	26
2A	10	2	TWD	14S	-0.66	13	27
2A	11	21	TWD	14S	+0.58	7	28
2A	11	21	TWD	14S	-0.63	8	29
2A	12	1	TWD	13S	-0.68	23	30
2A	12	2	TWD	13S	-0.60	20	31
2A	12	22	TWD	07S	-0.55	9	32
2A	12	39	SAA	UTE	-0.27	N/A	33
2A	12	39	SVI	UTE	-4.89	8	34
2A	13	2	TWD	13S	-0.63	25	35
2A	13	66	TWD	07S	+0.65	17	36
2A	14	5	TWD	14S	-0.70	14	37
2A	14	10	SAA	UTE	-0.30	N/A	38
2A	15	7	TWD	13S	-0.74	9	39
2A	15	10	MAA	UTE	-0.32	N/A	40
2A	15	70	SAA	UTE	-0.33	N/A	41

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 5: Location and Percent of Wall Thickness Penetration for Each Imperfection SG-#2:

OTSG	ROW	TUBE	IND	LOCATION		%TW	Indication Count
2A	16	2	TWD	13S	-0.69	28	42
2A	16	13	TWD	09S	-0.63	13	43
2A	16	18	TWD	06S	+0.00	11	44
2A	16	80	TWD	11S	+0.57	18	45
2A	17	1	TWD	13S	-0.63	20	46
2A	17	81	TWD	13S	-0.72	18	47
2A	18	1	TWD	13S	-0.59	27	48
2A	18	13	MAA	UTE	-0.28	N/A	49
2A	18	14	MAA	UTE	-0.16	N/A	50
2A	19	53	TWD	12S	-0.65	19	51
2A	20	27	TWD	15S	-0.68	6	52
2A	20	80	TWD	10S	+0.62	12	53
2A	21	10	TWD	03S	-0.67	19	54
2A	21	16	SAA	UTE	-0.14	N/A	55
2A	21	76	MAA	UTE	-0.20	N/A	56
2A	21	77	SAA	UTE	-0.34	N/A	57
2A	22	1	TWD	12S	+0.65	22	58
2A	24	1	TWD	08S	+0.71	23	59
2A	24	46	TWD	06S	-0.42	10	60
2A	25	1	TWD	08S	+0.47	24	61
2A	25	1	TWD	12S	+0.57	22	62
2A	25	1	TWD	12S	-0.50	21	63
2A	25	1	TWD	13S	+0.67	18	64
2A	25	1	TWD	13S	-0.59	25	65
2A	25	88	TWD	08S	+0.67	17	66
2A	27	21	SAA	UTE	-0.30	N/A	67
2A	27	65	SAA	UTE	-0.28	N/A	68
2A	30	1	TWD	14S	+0.38	19	69
2A	30	1	TWD	14S	-0.61	15	70
2A	30	23	MAA	UTE	-0.29	N/A	71
2A	31	13	TWD	08S	-0.47	13	72
2A	32	61	TWD	06S	-0.39	18	73
2A	34	1	TWD	12S	+0.64	19	74
2A	34	84	TWD	03S	-0.57	10	75
2A	35	1	TWD	11S	-0.42	21	76
2A	35	1	TWD	13S	-0.58	21	77
2A	35	2	TWD	09S	-0.81	10	78
2A	35	68	TWD	06S	-0.45	15	79
2A	36	1	TWD	12S	+0.55	24	80
2A	36	1	TWD	13S	-0.60	21	81
2A	36	2	TWD	13S	-0.58	24	82

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 5: Location and Percent of Wall Thickness Penetration for Each Imperfection SG-#2:

OTSG	ROW	TUBE	IND	LOCATION		%TW	Indication Count
2A	37	1	TWD	12S	+0.49	20	83
2A	37	1	TWD	13S	-0.52	14	84
2A	37	2	TWD	13S	-0.65	21	85
2A	37	2	TWD	14S	-0.62	11	86
2A	37	56	TWD	06S	+0.67	13	87
2A	37	75	TWD	06S	+0.54	8	88
2A	38	3	TWD	12S	+0.64	16	89
2A	39	62	TWD	06S	-0.47	12	90
2A	39	113	TWD	14S	-0.78	11	91
2A	39	116	TWD	13S	-0.79	16	92
2A	40	36	TWD	07S	+0.20	11	93
2A	41	3	TWD	13S	-0.60	20	94
2A	41	36	TWD	06S	+0.53	22	95
2A	41	36	TWD	06S	-0.39	17	96
2A	42	1	TWD	13S	-0.63	18	97
2A	42	1	TWD	14S	-0.52	11	98
2A	42	67	SVI	06S	-0.19	0	99
2A	43	1	TWD	13S	-0.62	19	100
2A	43	1	TWD	14S	-0.65	17	101
2A	44	117	SVI	08S	-0.01	0	102
2A	45	120	SCI	UTE	-0.32	42	103
2A	46	116	SAA	UTE	-0.28	N/A	104
2A	48	14	TWD	05S	-0.48	16	105
2A	50	122	TWD	10S	+0.67	11	106
2A	51	54	TWD	06S	+0.31	11	107
2A	52	1	TWD	12S	+0.59	23	108
2A	52	1	TWD	13S	-0.61	22	109
2A	52	45	TWD	06S	-0.24	12	110
2A	52	66	SVI	05S	+0.29	14	111
2A	52	125	TWD	13S	-0.71	21	112
2A	54	1	TWD	07S	+0.56	10	113
2A	54	1	TWD	11S	-0.66	15	114
2A	54	1	TWD	12S	+0.63	14	115
2A	54	50	TWD	06S	+0.42	11	116
2A	55	1	TWD	12S	+0.55	16	117
2A	58	1	TWD	11S	-0.60	18	118
2A	58	1	TWD	12S	+0.61	18	119
2A	62	2	SAA	UTE	-0.21	N/A	120
2A	62	2	MVI Post Re-roll Defect	UTE	-4.67	12	121

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 5: Location and Percent of Wall Thickness Penetration for Each Imperfection SG-#2:

OTSG	ROW	TUBE	IND	LOCATION	%TW	Indication Count
2A	63	1	TWD	12S +0.46	16	122
2A	63	1	TWD	14S +0.40	17	123
2A	63	1	SCI	UTE -0.27	44	124
2A	63	3	MAA	UTE -0.23	N/A	125
2A	63	78	SAI	UTE -1.22	99	126
2A	64	51	SVI	04S +16.69	50	127
2A	65	1	SAA	UTE -0.24	N/A	128
2A	65	70	SVI	04S +7.34	44	129
2A	65	70	SVI	04S +8.59	59	130
2A	65	70	SVI	04S +9.16	49	131
2A	65	73	SVI	04S +5.14	53	132
2A	65	73	TWD	11S +0.72	17	133
2A	66	1	SAA	UTE -0.26	N/A	134
2A	66	61	SVI	04S +13.58	57	135
2A	66	68	SAI	04S +5.76	51	136
2A	67	52	SVI	04S +16.13	54	137
2A	67	67	SVI	04S +10.12	56	138
2A	68	1	TWD	14S +0.58	17	139
2A	68	3	MAA	UTE -0.16	N/A	140
2A	68	3	SVI Post Re-roll Defect	UTE -4.90	0	141
2A	68	4	SAA	UTE -0.25	N/A	142
2A	68	23	TWD	09S +0.72	14	143
2A	68	51	SVI	04S +14.04	55	144
2A	68	51	SVI	04S +17.87	55	145
2A	70	1	TWD	14S +0.65	17	146
2A	70	63	SVI	04S +3.40	37	147
2A	71	2	TWD	14S -0.68	14	148
2A	71	4	TWD	11S +0.49	15	149
2A	71	7	TWD	11S +0.62	8	150
2A	71	65	SVI	06S +12.87	59	151
2A	71	65	SVI	06S +13.73	59	152
2A	71	65	SVI	06S +14.25	62	153
2A	71	65	SVI	06S +15.97	53	154
2A	71	66	SVI	03S +0.44	40	155
2A	71	72	SVI	04S +1.51	49	156
2A	71	72	SVI	04S +2.49	34	157
2A	71	72	SVI	04S +3.12	52	158
2A	71	72	SVI	04S +4.70	46	159
2A	72	1	TWD	08S +0.59	13	160

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 5: Location and Percent of Wall Thickness Penetration for Each Imperfection SG-#2:

OTSG	ROW	TUBE	IND	LOCATION		%TW	Indication Count
2A	72	1	TWD	14S	+0.49	19	161
2A	72	35	TWD	14S	+0.53	9	162
2A	72	51	TWD	10S	+0.55	10	163
2A	72	66	TWD	03S	+0.53	16	164
2A	72	76	TWD	11S	+0.67	17	165
2A	72	77	TWD	05S	+0.54	15	166
2A	73	2	TWD	14S	+0.62	13	167
2A	73	27	TWD	10S	-0.08	18	168
2A	73	46	TWD	03S	-0.72	12	169
2A	73	76	TWD	05S	-0.34	18	170
2A	74	1	TWD	14S	+0.63	18	171
2A	74	68	SVI	04S	+11.32	44	172
2A	74	71	TWD	11S	+0.72	20	173
2A	74	72	TWD	10S	+0.60	15	174
2A	74	72	TWD	10S	-0.69	16	175
2A	75	34	TWD	04S	+0.54	12	176
2A	75	59	TWD	01S	+0.66	8	177
2A	75	72	TWD	10S	+0.71	16	178
2A	75	72	TWD	11S	+0.69	16	179
2A	76	73	TWD	04S	+0.62	10	180
2A	77	48	TWD	03S	+0.55	12	181
2A	77	68	TWD	02S	-0.41	15	182
2A	77	68	TWD	13S	+0.68	20	183
2A	77	72	TWD	10S	+0.75	21	184
2A	78	11	TWD	07S	-0.69	11	185
2A	78	23	TWD	04S	-0.71	15	186
2A	78	67	SVI	06S	+16.95	49	187
2A	78	67	SVI	06S	+4.97	57	188
2A	78	67	TWD	15S	-0.46	15	189
2A	79	25	TWD	11S	-0.43	11	190
2A	79	33	SVI	UTS	+5.33	27	191
2A	79	44	TWD	11S	+0.39	11	192
2A	79	73	SVI	04S	+12.05	37	193
2A	79	73	SVI	04S	+13.15	47	194
2A	80	61	SVI	07S	+0.13	0	195
2A	80	71	TWD	05S	+0.56	18	196
2A	80	73	SVI	04S	+0.98	52	197
2A	80	73	TWD	15S	-0.75	12	198
2A	81	33	TWD	09S	+0.67	19	199
2A	81	61	TWD	07S	+0.47	7	200
2A	81	61	TWD	11S	-0.64	9	201

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 5: Location and Percent of Wall Thickness Penetration for Each Imperfection SG-#2:

OTSG	ROW	TUBE	IND	LOCATION	%TW	Indication Count
2A	81	73	SVI	04S +11.93	59	202
2A	82	1	TWD	06S -0.69	15	203
2A	82	1	TWD	13S -0.59	14	204
2A	82	26	TWD	07S -0.43	12	205
2A	82	30	SVI	08S -0.18	23	206
2A	82	74	SVI	04S +13.24	60	207
2A	83	73	MVI	04S +9.68	47	208
2A	83	75	SVI	04S -0.36	0	209
2A	84	4	MAA	UTE -0.21	N/A	210
2A	84	4	MVI Post Re-roll Defect	UTE -4.18	0	211
2A	84	32	TWD	09S +0.69	24	212
2A	84	73	SVI	04S +11.83	42	213
2A	84	76	TWD	11S +0.70	20	214
2A	85	31	TWD	09S +0.68	19	215
2A	85	63	SVI	06S +0.23	0	216
2A	85	69	MVI	04S +10.16	58	217
2A	85	69	MVI	04S +12.01	43	218
2A	85	69	SVI	04S +7.90	43	219
2A	85	72	SVI	04S +13.80	41	220
2A	85	122	TWD	09S -0.24	8	221
2A	86	4	SAA	UTE -0.27	N/A	222
2A	86	7	MAA	UTE -0.25	N/A	223
2A	86	7	MVI Post Re-roll Defect	UTE -3.92	5	224
2A	86	7	MVI Post Re-roll Defect	UTE -4.71	5	225
2A	86	61	SVI	04S +11.35	53	226
2A	86	61	SVI	04S +12.72	30	227
2A	86	71	TWD	14S +0.75	13	228
2A	86	75	TWD	11S +0.63	20	229
2A	86	127	TWD	13S +0.70	26	230
2A	86	127	TWD	14S -0.61	24	231
2A	87	8	TWD	03S +0.76	21	232
2A	87	9	SAA	UTE -0.27	N/A	233
2A	87	9	SVI Post	UTE -4.74	2	234

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 5: Location and Percent of Wall Thickness Penetration for Each Imperfection SG-#2:

OTSG	ROW	TUBE	IND	LOCATION		%TW	Indication Count
			Re-roll Defect				
2A	87	71	TWD	13S	+0.68	16	235
2A	87	92	SVI	05S	+0.17	0	236
2A	88	75	SVI	05S	-0.38	0	237
2A	89	8	SAA	UTE	-0.22	N/A	238
2A	89	74	TWD	09S	+0.75	20	239
2A	89	75	TWD	10S	+0.75	18	240
2A	89	124	TWD	08S	+0.68	13	241
2A	89	124	TWD	08S	-0.42	16	242
2A	90	7	TWD	08S	-0.75	15	243
2A	90	62	SVI	05S	-0.16	0	244
2A	90	74	TWD	10S	+0.63	22	245
2A	91	3	TWD	09S	+0.21	9	246
2A	91	7	SAA	UTE	-0.33	N/A	247
2A	91	7	MVI Post Re-roll Defect	UTE	-3.59	12	248
2A	91	8	SAA	UTE	-0.21	N/A	249
2A	91	65	TWD	05S	-0.40	12	250
2A	91	74	TWD	05S	-0.49	9	251
2A	92	9	SAA	UTE	-0.40	N/A	252
2A	92	127	TWD	08S	+0.49	7	253
2A	92	129	TWD	07S	-0.70	11	254
2A	93	48	TWD	05S	+0.00	18	255
2A	93	80	TWD	05S	-0.40	16	256
2A	93	89	SVI	05S	+0.00	11	257
2A	95	1	TWD	08S	-0.66	8	258
2A	95	6	SVI	UTS	+9.30	45	259
2A	96	5	MAA	UTE	-0.38	N/A	260
2A	97	13	SVI	UTS	+8.44	40	261
2A	97	40	SVI	05S	+2.12	45	262
2A	98	127	TWD	13S	-0.71	16	263
2A	99	7	SAA	UTE	-0.41	N/A	264
2A	99	92	SVI	06S	-0.13	0	265
2A	102	4	TWD	08S	-0.70	13	266
2A	104	93	TWD	07S	+0.44	12	267
2A	104	93	TWD	07S	-0.55	10	268
2A	104	104	SVI	07S	-0.28	23	269
2A	105	1	SCI	15S	+17.61	38	270
2A	106	22	SVI	05S	+13.29	57	271

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 5: Location and Percent of Wall Thickness Penetration for Each Imperfection SG-#2:

OTSG	ROW	TUBE	IND	LOCATION		%TW	Indication Count
2A	106	38	TWD	05S	+0.67	12	272
2A	106	38	SVI	05S	+3.28	42	273
2A	106	119	SVI	15S	+17.73	32	274
2A	107	117	TWD	09S	+0.55	15	275
2A	107	117	TWD	09S	-0.52	9	276
2A	110	117	TWD	13S	-0.65	19	277
2A	113	4	TWD	14S	+0.53	18	278
2A	114	3	TWD	14S	+0.71	13	279
2A	114	40	TWD	06S	+0.20	16	280
2A	114	113	TWD	10S	+0.64	15	281
2A	114	113	TWD	10S	-0.63	13	282
2A	116	22	TWD	14S	-0.84	12	283
2A	116	104	MAA	UTE	-0.25	N/A	284
2A	116	107	TWD	09S	-0.72	13	285
2A	116	110	TWD	09S	+0.62	8	286
2A	116	110	MAA	UTE	-0.27	N/A	287
2A	116	111	TWD	08S	-0.50	10	288
2A	116	112	SAA	UTE	-0.24	N/A	289
2A	117	64	SVI	05S	+3.14	30	290
2A	117	103	MAA	UTE	-0.24	N/A	291
2A	117	108	SCI	UTE	-0.27	57	292
2A	118	5	SVI	09S	-0.13	13	293
2A	118	104	TWD	09S	+0.75	12	294
2A	119	105	TWD	10S	+0.55	16	295
2A	119	105	TWD	10S	-0.68	8	296
2A	120	63	SVI	05S	+2.39	52	297
2A	120	63	SVI	05S	+2.63	40	298
2A	120	63	SVI	05S	+2.89	38	299
2A	120	102	TWD	09S	+0.67	15	300
2A	120	103	SAA	UTE	-0.31	N/A	301
2A	120	104	TWD	10S	+0.50	21	302
2A	121	4	TWD	09S	+0.67	12	303
2A	122	101	TWD	04S	-0.70	11	304
2A	122	103	SAA	UTE	-0.23	N/A	305
2A	122	104	TWD	10S	-0.62	12	306
2A	123	85	TWD	14S	-0.64	15	307
2A	123	101	TWD	10S	+0.63	6	308
2A	123	101	TWD	10S	-0.65	8	309
2A	123	102	TWD	10S	-0.59	16	310
2A	124	100	TWD	10S	-0.62	14	311
2A	124	101	TWD	10S	-0.66	12	312

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 5: Location and Percent of Wall Thickness Penetration for Each Imperfection SG-#2:

OTSG	ROW	TUBE	IND	LOCATION		%TW	Indication Count
2A	125	79	MVI	05S	+15.01	57	313
2A	125	98	TWD	10S	-0.57	15	314
2A	125	100	TWD	10S	-0.67	14	315
2A	127	16	TWD	07S	-0.38	9	316
2A	127	69	SVI	05S	+6.25	54	317
2A	127	97	TWD	10S	-0.66	15	318
2A	128	5	TWD	10S	+0.63	23	319
2A	128	6	TWD	10S	+0.63	17	320
2A	128	7	TWD	10S	+0.63	18	321
2A	128	84	TWD	14S	-0.75	9	322
2A	129	5	TWD	10S	+0.63	14	323
2A	129	7	TWD	10S	+0.55	16	324
2A	129	8	TWD	10S	+0.68	17	325
2A	129	91	TWD	10S	+0.73	15	326
2A	129	93	TWD	13S	-0.66	13	327
2A	130	7	TWD	10S	+0.65	15	328
2A	130	8	TWD	10S	+0.61	18	329
2A	130	91	TWD	10S	+0.64	12	330
2A	131	7	TWD	10S	+0.57	21	331
2A	132	1	TWD	09S	+0.00	16	332
2A	132	8	TWD	10S	+0.64	13	333
2A	133	2	TWD	05S	-0.70	13	334
2A	133	3	TWD	10S	-0.62	18	335
2A	133	7	TWD	10S	+0.65	24	336
2A	133	80	TWD	14S	-0.73	18	337
2A	134	4	TWD	10S	+0.74	10	338
2A	134	5	TWD	10S	-0.71	14	339
2A	134	60	SVI	05S	-0.27	0	340
2A	135	21	SVI	05S	-0.27	7	341
2A	136	2	TWD	10S	-0.65	16	342
2A	136	4	TWD	10S	+0.69	14	343
2A	137	1	TWD	11S	-0.70	13	344
2A	137	6	TWD	10S	+0.69	17	345
2A	137	6	TWD	10S	-0.66	15	346
2A	138	11	TWD	13S	-0.74	11	347
2A	139	14	TWD	04S	-0.64	21	348
2A	139	74	TWD	04S	-0.67	12	349
2A	140	1	TWD	10S	-0.73	13	350
2A	141	4	TWD	10S	+0.72	14	351
2A	141	36	SVI	04S	+0.02	23	352
2A	145	11	TWD	04S	-0.66	15	353

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 5: Location and Percent of Wall Thickness Penetration for Each Imperfection SG-#2:

OTSG	ROW	TUBE	IND	LOCATION		%TW	Indication Count
2A	145	54	TWD	13S	+0.70	14	354
2A	146	18	TWD	13S	-0.74	15	355
2A	146	31	TWD	10S	+0.72	22	356
2A	146	32	TWD	10S	+0.65	15	357
2A	146	33	TWD	10S	+0.74	23	358
2A	146	34	TWD	10S	+0.60	22	359
2A	146	36	TWD	10S	+0.65	12	360
2A	146	37	TWD	04S	-0.75	13	361
2A	146	37	TWD	10S	+0.67	20	362
2A	147	30	TWD	10S	+0.70	14	363
2A	147	34	TWD	10S	+0.73	18	364
2A	147	36	TWD	10S	+0.69	30	365
2A	147	46	TWD	14S	+0.67	18	366
2A	148	3	TWD	10S	+0.64	16	367
2A	148	3	TWD	10S	-0.66	11	368
2A	148	27	TWD	10S	-0.68	13	369
2A	148	28	TWD	10S	-0.66	11	370
2A	148	29	TWD	10S	+0.63	14	371
2A	148	30	TWD	10S	+0.74	15	372
2A	148	30	TWD	10S	-0.63	21	373
2A	148	31	TWD	10S	-0.66	13	374
2A	148	32	TWD	10S	+0.64	18	375
2A	149	18	TWD	10S	+0.62	11	376
2A	149	26	TWD	10S	+0.67	18	377
2A	149	26	TWD	10S	-0.70	16	378
2A	149	27	TWD	10S	+0.65	16	379
2A	149	27	TWD	10S	-0.72	18	380
2A	149	28	TWD	10S	+0.66	16	381
2A	149	28	TWD	10S	-0.68	15	382
2A	149	29	TWD	10S	-0.68	13	383
2A	149	31	TWD	10S	+0.66	14	384
2A	150	8	TWD	10S	+0.70	12	385
2A	150	13	TWD	10S	+0.74	12	386
2A	150	19	TWD	10S	+0.62	14	387
2A	150	19	TWD	10S	-0.63	15	388
2A	150	20	TWD	10S	+0.67	15	389
2A	150	20	TWD	10S	-0.60	15	390
2A	150	21	TWD	10S	+0.63	21	391
2A	150	21	TWD	10S	-0.61	20	392
2A	150	25	TWD	10S	+0.59	18	393
2A	150	25	TWD	10S	-0.68	22	394

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 5: Location and Percent of Wall Thickness Penetration for Each Imperfection SG-#2:

OTSG	ROW	TUBE	IND	LOCATION		%TW	Indication Count
2A	150	27	TWD	10S	-0.66	29	395
2A	151	1	TWD	10S	+0.50	15	396
2A	151	4	SAI	15S	+6.04	1	397
2A	151	4	SAI	15S	+7.01	44	398
2A	151	5	TWD	06S	-0.49	5	399
2A	151	11	SAI	15S	+5.10	1	400
2A	151	13	TWD	10S	+0.70	19	401
2A	151	13	TWD	10S	-0.69	17	402
2A	151	15	TWD	10S	+0.67	11	403
2A	151	15	TWD	10S	-0.73	18	404
2A	151	15	TWD	13S	+0.65	7	405
2A	151	15	TWD	13S	-0.66	15	406
2A	151	16	TWD	10S	-0.73	15	407

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 6: Identification of Tubes Repaired-SG #2				
S/G	**ROW**	**TUBE**	**Reason for Repair**	**Tube Count**
Repaired By Plugging				
2-A	5	15	Capture Tube A 6-18	1
2-A	5	16	Capture Tube A 6-18	2
2-A	6	17	Capture Tube A 6-18	3
2-A	6	19	Capture Tube A 6-18	4
2-A	7	19	Capture Tube A 6-18	5
2-A	7	20	Capture Tube A 6-18	6
2-A	7	52	Capture Tube A-6-51	7
2-A	12	39	SVI In Reroll/Failed Reroll	8
2-A	16	25	Capture Tube A 17-26	9
2-A	17	25	Capture Tube A 17-26	10
2-A	32	51	Capture Tube A 33-52	11
2-A	32	52	Capture Tube A 33-52	12
2-A	33	51	Capture Tube A 33-52	13
2-A	33	53	Capture Tube A 33-52	14
2-A	34	51	Capture Tube A 33-52	15
2-A	34	52	Capture Tube A 33-52	16
2-A	42	67	SVI @ 06S -0.19	17
2-A	44	117	SVI @ 08S -0.01	18
2-A	46	2	Capture Tube A 47-2	19
2-A	47	3	Capture Tube A 47-2	20
2-A	48	2	Capture Tube A 47-2	21
2-A	48	3	Capture Tube A 47-2	22
2-A	49	87	Capture Tube A 50-87	23
2-A	49	88	Capture Tube A 50-87	24
2-A	50	86	Capture Tube A 50-87	25
2-A	50	88	Capture Tube A 50-87	26
2-A	51	87	Capture Tube A 50-87	27
2-A	51	88	Capture Tube A 50-87	28
2-A	52	66	SVI @ 05S +0.29	29
2-A	62	2	MVI In Reroll/Failed Reroll	30
2-A	64	29	Capture Tube A 65-29	31
2-A	64	30	Capture Tube A 65-29	32
2-A	64	51	SVI @ 04S +16.69	33
2-A	65	28	Capture Tube A 65-29	34
2-A	65	30	Capture Tube A 65-29	35
2-A	65	70	SVI @ 04S +9.16	36
			SVI @ 04S +8.59	
			SVI @ 04S +7.34	
2-A	65	73	SVI @ 04S +5.14	37
2-A	66	29	Capture Tube A 65-29	38

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 6: Identification of Tubes Repaired-SG #2				
S/G	**ROW**	**TUBE**	**Reason for Repair**	**Tube Count**
2-A	66	30	Capture Tube A 65-29	39
2-A	66	61	SVI @ 04S +13.58	40
2-A	66	68	SAI @ 04S +5.76	41
2-A	67	52	SVI @ 04S +16.13	42
2-A	67	67	SVI @ 04S +10.12	43
2-A	68	3	SVI In Reroll/Failed Reroll	44
2-A	68	51	SVI @ 04S +17.87	45
			SVI @ 04S +14.04	
2-A	70	63	SVI @ 04S +3.40	46
2-A	71	65	SVI @ 06S +14.25	47
			SVI @ 06S +12.87	
			SVI @ 06S +15.97	
			SVI @ 06S +13.73	
2-A	71	66	SVI @ 03S +0.44	48
2-A	71	72	SVI @ 04S +2.49	49
			SVI @ 04S +3.12	
			SVI @ 04S +4.70	
			SVI @ 04S +1.51	
2-A	74	68	SVI @ 04S +11.32	50
2-A	78	67	SVI @ 06S +16.95	51
			SVI @ 06S +4.97	
2-A	79	33	SVI @ UTS +5.33	52
2-A	79	73	SVI @ 04S +13.15	53
			SVI @ 04S +12.05	
2-A	80	61	SVI @ 07S +0.13	54
2-A	80	73	SVI @ 04S +0.98	55
2-A	81	73	SVI @ 04S +11.93	56
2-A	82	30	SVI @ 08S -0.18	57
2-A	82	74	SVI @ 04S +13.24	58
2-A	83	73	MVI @ 04S +9.68	59
2-A	83	75	SVI @ 04S -0.36	60
2-A	84	4	MVI In Reroll/Failed Reroll	61
2-A	84	73	SVI @ 04S +11.83	62
2-A	85	63	SVI @ 06S +0.23	63
2-A	85	69	MVI @ 04S +10.16	64
			MVI @ 04S +12.01	
			SVI @ 04S +7.90	
2-A	85	72	SVI @ 04S +13.8	65
2-A	86	7	MVI In Reroll	66
2-A	86	8	Preventative / Noisy Data	67
2-A	86	61	SVI @ 04S +12.72	68
			SVI @ 04S +11.35	
2-A	87	9	SVI In Reroll/Failed Reroll	69

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 6: Identification of Tubes Repaired-SG #2				
S/G	**ROW**	**TUBE**	**Reason for Repair**	**Tube Count**
2-A	87	92	SVI @ 05S +0.17	70
2-A	88	75	SVI @ 05S -0.38	71
2-A	89	19	Capture Tube A 90-19	72
2-A	89	20	Capture Tube A 90-19	73
2-A	90	18	Capture Tube A 90-19	74
2-A	90	20	Capture Tube A 90-19	75
2-A	90	62	SVI @ 05S -0.16	76
2-A	91	7	MVI In Reroll/Failed Reroll	77
2-A	91	18	Capture Tube A 90-19	78
2-A	91	19	Capture Tube A 90-19	79
2-A	93	89	SVI @ 05S +0.00	80
2-A	95	6	SVI @ UTS +9.3	81
2-A	97	13	SVI @ UTS +8.44	82
2-A	97	40	SVI @ 05S +2.12	83
2-A	99	92	SVI @ 06S -0.13	84
2-A	101	115	Capture Tube A 102-115	85
2-A	101	116	Capture Tube A 102-115	86
2-A	102	114	Capture Tube A 102-115	87
2-A	102	116	Capture Tube A 102-115	88
2-A	103	115	Capture Tube A 102-115	89
2-A	103	116	Capture Tube A 102-115	90
2-A	104	104	SVI @ 07S -0.28	91
2-A	105	1	SCI @ 15S +17.61	92
2-A	106	22	SVI @ 05S +13.29	93
2-A	106	38	SVI @ 05S +3.28	94
2-A	106	119	SVI @ 15S +17.73	95
2-A	108	67	Capture Tube A 109-67	96
2-A	108	68	Capture Tube A 109-67	97
2-A	109	66	Capture Tube A 109-67	98
2-A	109	68	Capture Tube A 109-67	99
2-A	110	66	Capture Tube A 109-67	100
2-A	110	67	Capture Tube A 109-67	101
2-A	117	64	SVI @ 05S +3.14	102
2-A	118	5	SVI @ 09S -0.13	103
2-A	120	63	SVI @ 05S +2.89	104
			SVI @ 05S +2.63	
			SVI @ 05S +2.39	
2-A	121	21	Capture Tube A 122-21	105
2-A	121	22	Capture Tube A 122-21	106
2-A	122	20	Capture Tube A 122-21	107
2-A	122	22	Capture Tube A 122-21	108
2-A	123	20	Capture Tube A 122-21	109
2-A	123	21	Capture Tube A 122-21	110

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 6: Identification of Tubes Repaired-SG #2				
S/G	**ROW**	**TUBE**	**Reason for Repair**	**Tube Count**
2-A	123	81	Capture Tube A 124-79	111
2-A	124	80	Capture Tube A 124-79	112
2-A	125	78	Capture Tube A 124-79	113
2-A	125	79	MVI @ 05S +15.01	114
2-A	127	69	SVI @ 05S +6.25	115
2-A	134	60	SVI @ 05S -0.27	116
2-A	135	21	SVI @ 05S -0.27	117
2-A	139	61	Capture Tube A 140-60	118
2-A	139	62	Capture Tube A 140-60	119
2-A	140	59	Capture Tube A 140-60	120
2-A	140	61	Capture Tube A 140-60	121
2-A	141	36	SVI @ 04S +0.02	122
2-A	141	58	Capture Tube A 140-60	123
2-A	141	59	Capture Tube A 140-60	124
2-A	151	4	SAI @ 15S +7.00	125
			SAI @ 15S +6.04	
2-A	151	11	SAI @ 15S +5.10	126
Repaired By Reroll				
2-A	14	10	SAA @ UTE -0.3	1
2-A	15	10	MAA @ UTE -0.32	2
2-A	15	70	SAA @ UTE -0.33	3
2-A	18	13	MAA @ UTE -0.28	4
2-A	18	14	MAA @ UTE -0.16	5
2-A	21	16	SAA @ UTE -0.14	6
2-A	21	76	MAA @ UTE -0.2	7
2-A	21	77	SAA @ UTE -0.34	8
2-A	27	21	SAA @ UTE -0.3	9
2-A	27	65	SAA @ UTE -0.28	10
2-A	30	23	MAA @ UTE -0.29	11
2-A	45	120	SCI @ UTE -0.32	12
2-A	46	116	SAA @ UTE -0.28	13
2-A	63	1	SCI @ UTE -0.27	14
2-A	63	3	MAA @ UTE -0.23	15
2-A	63	78	SAI @ UTE -1.22	16
2-A	65	1	SAA @ UTE -0.24	17
2-A	66	1	SAA @ UTE -0.26	18
2-A	68	4	SAA @ UTE -0.25	19
2-A	86	4	SAA @ UTE -0.27	20
2-A	89	8	SAA @ UTE -0.22	21
2-A	91	8	SAA @ UTE -0.21	22
2-A	92	9	SAA @ UTE -0.4	23
2-A	96	5	MAA @ UTE -0.38	24

TECHNICAL SPECIFICATION REPORTING REQUIREMENTS

Table 6: Identification of Tubes Repaired-SG #2				
S/G	**ROW**	**TUBE**	**Reason for Repair**	**Tube Count**
2-A	99	7	SAA @ UTE -0.41	25
2-A	116	104	MAA @ UTE -0.25	26
2-A	116	110	MAA @ UTE -0.27	27
2-A	116	112	SAA @ UTE -0.24	28
2-A	117	103	MAA @ UTE -0.24	29
2-A	117	108	SCI @ UTE -0.27	30
2-A	120	103	SAA @ UTE -0.31	31
2-A	122	103	SAA @ UTE -0.23	32
			Totals	158

EDDY CURRENT IDENTIFICATION CODES

The following identification codes were used in Attachment 1.

LTE	Lower Tube End
LTS	Lower Tube Sheet
MAA	Multiple Axial Tube-end Anomaly
MAI	Multiple Axial Indication
MVI	Multiple Volumetric Indications
SAA	Single Axial Tube-end Anomaly
SAI	Single Axial Indication
SCI	Single Circumferential Indication
SVI	Single Volumetric Indication
TWD	Percent Through Wall Degradation (Assigned to Wear Indications)
UTE	Upper Tube End
UTS	Upper Tube Sheet
xxS	Support Plate Number

Docket Number 50-346
License Number NPF-3
Serial Number 2944
Enclosure

COMMITMENT LIST

The following list identifies those actions committed to by the Davis-Besse Nuclear Power Station (DBNPS) in this document. Any other actions discussed in the submittal represent intended or planned actions by the DBNPS. They are described only as information and are not regulatory commitments. Please notify the Manager - Regulatory Affairs (419-321-8450) at the DBNPS of any questions regarding this document or associated regulatory commitments.

COMMITMENTS	DUE DATE
None	N/A