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U.S. Nuclear Regulatory Commission
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Washington, D.C. 20555

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Subject: TMI-1 Steam Generator Inspection Report for End of Cycle 21 Refueling Outage

Exelon Generation Company, LLC (Exelon) completed an examination of the tubing in the Three Mile Island Unit 1 (TMI-1) steam generators during Refueling Outage T1R22. TMI-1 Technical Specification 6.9.6 requires a report of the inspection results be submitted within 180 days after reactor coolant temperature exceeds 200°F. The attachment to this letter documents the results of the examinations.

No new regulatory commitments are established by this submittal. If any additional information is needed, please contact Michael Fitzwater at 717-948-8228.

Respectfully,

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Site Vice President, Three Mile Island Unit 1
Exelon Generation Co., LLC

EWC/mdf

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A047
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Exelon Generation.

THREE MILE ISLAND

UNIT 1

STEAM GENERATOR TUBE INSPECTION REPORT
END OF CYCLE 21 REFUELING OUTAGE

OCTOBER 2017

Contents:

List of Figures:	2
List of Tables:	2
Introduction	3
Information Required by Technical Specification (T.S.) 6.9.6:	3
(TS 6.9.6.a.) The Scope of inspections performed on each Steam Generator:	3
(TS 6.9.6.b.) Degradation mechanisms found:	5
(TS 6.9.6.c.) Nondestructive examination techniques utilized for each degradation mechanism:	6
(TS 6.9.6.d.) Location, orientation (if linear), and measured sizes (if available) of service induced indications:	6
(TS 6.9.6.e.) Number of tubes plugged during the inspection outage for each degradation mechanism:	9
(TS 6.9.6.f.) The number and percentage of tubes plugged to date, and the effective plugging percentage in each steam generator:	9
(TS 6.9.6.g.) The results of condition monitoring, including the results of tube pulls and in-situ testing:	11
Summary:	16
Exhibits:	16

List of Figures:

Figure 1: T1R22 - SG B - TSP Wear Support and Depth Distribution	7
Figure 2: T1R22 - SG B - Tube-to-Tube (TTW) Wear Depth Distributions	9
Figure 3: T1R22 - SG B - Condition Monitoring Limit Plot for Broached TSP Wear (Bobbin)	12
Figure 4: T1R22 - SG B - Condition Monitoring Limit Plot for Broached TSP Wear (Array)	13
Figure 5: T1R22 - SG B - Condition Monitoring Limit Plot for Drilled TSP Wear (+Point™ ETSS 27901.1)	14
Figure 6: T1R22 - SG B - Condition Monitoring Limit for T1R22 Tube-to-Tube Wear	15

List of Tables:

Table 1: TMI-1 Replacement SG EFPY History	3
Table 2: T1R22 ECT Inspection Summary	5
Table 3: TMI-1 Tube Plugging History	10

Introduction

The TMI-1 replacement steam generators are AREVA Enhanced Once-Through Steam Generators, which are vertically mounted once-through heat exchangers with a counter-flow design. The EOTSGs have 15597 Alloy 690 thermally treated tubes, 0.625" nominal outer diameter (OD) with a 0.0368" wall thickness. The two steam generators are designated SG A and SG B. The tubes are supported by 15 tube support plates (TSPs) that are made of stainless steel, are 1.18" thick, and have trefoil broached holes. The uppermost TSP (15S) has 1740 drilled holes for the tubes at the outer periphery of the tube bundle.

During the period of 9/18/2017 to 10/7/2017, TMI-1 was shut down for Refueling Outage T1R22. While the unit was shut-down, Exelon performed examinations of the alloy 690TT tubing in the "B" Enhanced Once-Through Steam Generator (Henceforth referred to as "SG B"). The examinations were performed in accordance with Technical Specification (T.S.) 4.19 and 6.19.

The SGs, at the start of T1R22 (End of Cycle 21), have operated for a cumulative 7.266 Effective Full Power Years (EFPY) since their replacement in the fall of 2009 (T1R18). The EFPY history for the SGs is presented below in Table 1.

Table 1: TMI-1 Replacement SG EFPY History

Cycle	Effective Full Power Years (EFPY)	Inspection Outage
18	1.720	T1R19 (Fall 2011)
19	1.876	T1R20 (Fall 2013)
20	1.890	T1R21 (Fall 2015)
21	1.780	T1R22 (Fall 2017)
Note: TMI-1 Replacement SGs were installed in T1R18 (Fall 2009) and began operation in cycle 18.		

Technical Specification 6.9.6 requires a report be submitted within 180 days after the average reactor coolant temperature exceeds 200°F following completion of an inspection performed in accordance with TS 6.19, Steam Generator (SG) Program. The average reactor coolant temperature exceeded 200°F on 10/6/2017.

Information Required by Technical Specification (T.S.) 6.9.6:

The following Information is required to be submitted per T.S. 6.9.6. The applicable T.S. paragraph is shown in parenthesis followed by the T.S. reporting requirement.

(TS 6.9.6.a.) The Scope of inspections performed on each Steam Generator:

The T1R22 examinations of SG B were the fourth in-service inspection following replacement of the steam generators during outage T1R18. Per TMI Plant Technical Specifications, the TMI-1

SGs, having operated 87.192 EFPM at T1R22, are in the first 144 effective full power month (EFPM) inspection period. During T1R22 visual and eddy current inspections were performed in the 'B' steam generator only.

Visual inspections were performed on: (1) 100% of installed tube plugs (Hot & Cold Leg) in SG B and (2) the channel head and tubesheet cladding (Hot & Cold Leg) in SG B. No conditions adverse to quality (i.e. degradation) were found during the Visual Inspections. All tube plugs were found to be in the as-installed configuration with no evidence of degradation or leakage.

During T1R22, all in-service tubes in each steam generator were examined over their entire length using the bobbin coil probe. A combination bobbin/array coil probe was used to examine a two-tube deep periphery tube population in the 'B' steam generator. The data from the array probe was evaluated for the detection of foreign objects in the span between the lower tubesheet and the first support plate. In addition, array probes and/or rotating probes were used to examine tubes with indications identified during the T1R22 bobbin coil examinations. This population of tubes was referred to as special interest (SI) tubes (See Table 2 for additional information). Table 2 illustrates the total scope for T1R22 eddy current examinations.

Table 2: T1R22 ECT Inspection Summary

Type	Extent	Scope	Condition or Degradation Mechanism Assessed	Notes
Bobbin Coil	Full Length Lower Tube End (LTE) to Upper Tube End (UTE)	100% In-service tubes	Wear at TSPs	SG B Only SG A Inspection Skipped
			Tube-to-Tube Wear	
			Dents/Dings	
			Possible wear due to foreign objects (object not identified)	
X-probe (Array)	Lower Tubesheet (LTS) to 1 st TSP (01S)	2 tube-deep periphery	Foreign objects, Possible wear due to foreign objects	
	Special Interest (SI) for analysis – Tubes with new and prior TSP and TTW	Growth $\geq 12\%TW$ Repeat Wear $\geq 25\%TW$ New wear $\geq 20\%TW$	TSP Wear	
		Deepest 6 new and deepest 6 repeat	TTW	
	Special Interest (SI) Line-by-Line (LxL) Sizing	Select TSP wear (e.g., $\geq 30\%$ bobbin, multiple lands, flat, deep, etc)	TSP Wear	
RPC (+Point™)	Special Interest (SI) Line-by-Line (LxL) Sizing	TSP wear at drilled support locations	TSP Wear	
Notes:				
<ul style="list-style-type: none">• Tube supports are identified as 01S (lower) to 15S (upper)• Full length examinations are from the lower tube end (LTE) to the upper tube end (UTE).• Array data for periphery tubes was evaluated in the span from the lower tube sheet (LTS) to the 1st TSP (01S) for detection of foreign material or loose parts.				

(TS 6.9.6.b.) Degradation mechanisms found:

The eddy current examinations identified two active degradation mechanisms. The first mechanism is tube-to-tube support plate (TSP) wear. The second mechanism is tube-to-tube wear (TTW). Both degradation mechanisms were identified previously during T1R19, T1R20, and T1R21 examinations.

(TS 6.9.6.c.) Nondestructive examination techniques utilized for each degradation mechanism:

Multiple EPRI Examination Technique Specification Sheets (ETSSs) were used during T1R22.

Tube-to-Tube Support Plate (TSP) Wear:

- ETSS 96043.1 (Rev. 2; Bobbin) was used for all detection and depth sizing of tube wear at the Broached TSP intersections.
- ETSS 11956.3 (Rev. 2; Array) was used for special interest characterization of select flaws (See Table 2) and to size flaws detected outside the bounds of the bobbin wear calibration.
- ETSS 27901.1 (Rev. 1; +PointTM) was used for depth sizing of wear indications located at Drilled TSP intersections (This is RPC exam type listed in Table 2). Note: Only the 15th support plate periphery has Drilled TSP intersections

Tube-to-Tube (TTW) Wear:

All TTW wear was detected and sized using bobbin ETSS 13091.1 Rev. 0.

(TS 6.9.6.d.) Location, orientation (if linear), and measured sizes (if available) of service induced indications:

The following information is provided to aid in understanding the location of indications within the SGs. The TMI-1 SGs have 15 tube support plates (TSPs), numbered 01S through 15S with 01S being the bottom TSP. Exhibit 1 includes a listing of all service induced indications for "B" Steam Generator (SG B).

Tube-to-Tube Support Plate Wear:

The TSP wear is located primarily at or above the 7th TSP with the highest number of indications occurring at the 8th TSP. The deepest indications were primarily located at the 10th through 14th TSPs. The radial location of the TSP wear indications is more towards the periphery at the higher tube support plate locations.

In SG B, 6729 broached TSP wear indications were identified in the T1R22 inspection using the bobbin probe (see Exhibit 1). Most of these indications were located at or above the 8th TSP. The deepest indications were primarily located at the 10th through the 14th TSPs. The deepest bobbin indication (59%TWD in tube 105-3) consisted of 2 flaws at 2 lands at the same tube support; one had a maximum depth of 44%TWD and a structural depth of 40.4%TWD and the other a maximum depth of 25%TWD and structural depth of 24.3%TWD as measured with the array coil. The second deepest bobbin indication (58%TWD in tube 5-14) also consisted of 2 flaws at 2 lands at the same tube support; one had a maximum depth of 49%TWD and a structural depth of 40.9%TWD and the other a maximum depth of 18%TWD and structural depth of 15.8%TWD as measured with the array coil. Array sizing rather than bobbin was used because the qualification and calibration curve for the bobbin technique (ETSS 96043.1 Rev 2) is limited to

sizing wear at a single broached TSP land. Since there were indications at 2 different lands at that TSP elevation, bobbin sizing of the indications was not accurate and provided an overestimated indication depth. Therefore, the array coil was used for depth and length sizing these indications individually since the calibration curve for this technique is not affected by wear at multiple lands.

Additionally, SG B had 13 indications of Drilled TSP wear with the largest being 28% through wall, the same indication was sized at 25%TWD in T1R21. No tubes were plugged in SG B for Drilled TSP wear.

Figure 1 shows the distribution of broached TSP wear indications by depth.

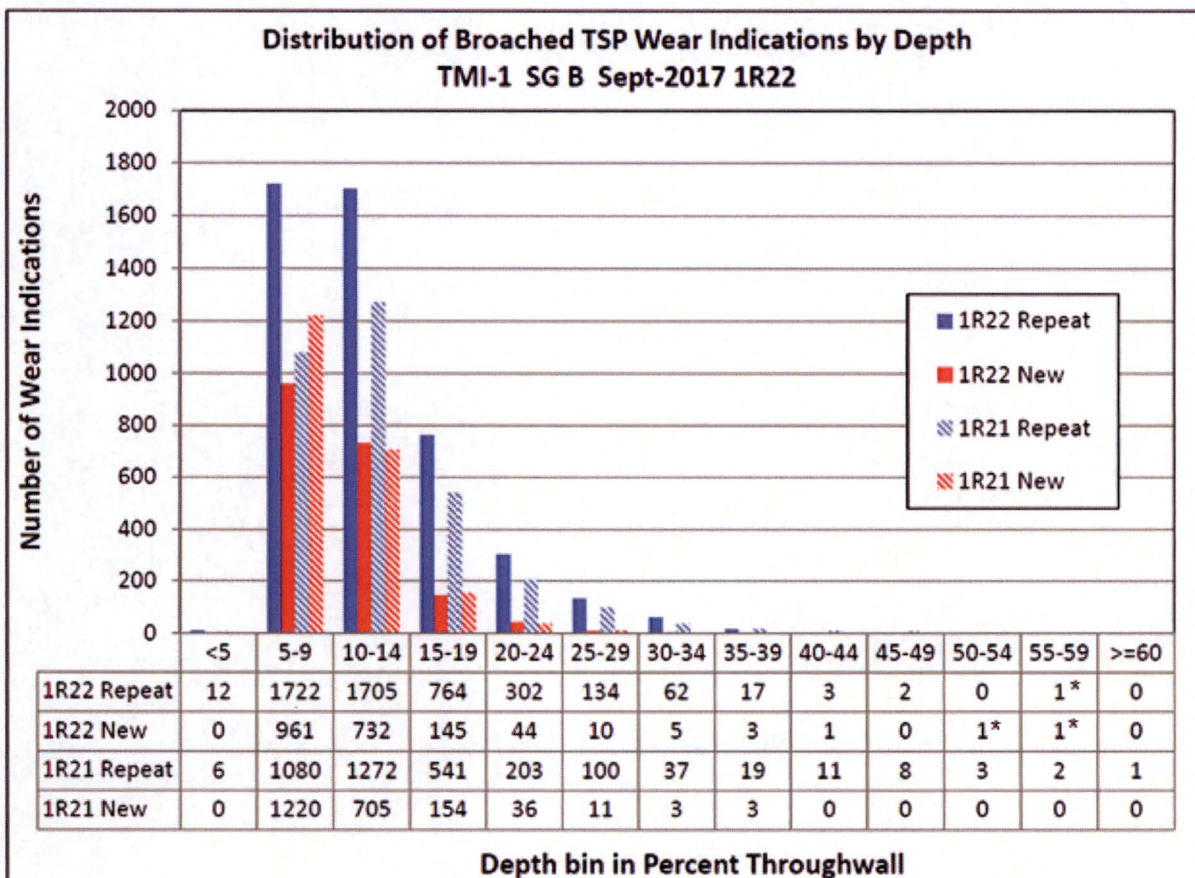


Figure 1: T1R22 - SG B - TSP Wear Support and Depth Distribution

(* Note table lists 3 indications above 50% TWD initially sized by bobbin which were actually due to wear at 2 lands at the same support and therefore, had their actual depth overestimated by bobbin sizing)

Tube-to-Tube Wear:

During the T1R22 inspection, there were 288 indications of TTW reported in SG B. All of these indications were relatively shallow with the deepest measuring 19%TWD

The majority of TTW indications are located between the 8th and the 9th TSPs, fourteen indications were located between the 7th and 8th TSPs, six other indications were located between the 4th and 5th TSPs, and one indication was between the 3rd and 4th TSPs. Most of the tubes with TTW indications are located between 30"-45" from the center of the bundle. Generally speaking, there is a ring of tubes with indications.

The wear indications are essentially centered axially between the tube support plates and are typically in pairs with similar through wall depths. In some cases, there is a cluster of three or more affected tubes.

Tube-to-tube wear has been reported and sized by different techniques since its initial discovery. Array probe, +Point™, and bobbin probe have been used for sizing. Array and +Point™ are capable of distinguishing multiple wear indications at the same axial location, but bobbin is not. Because the bobbin technique tends to conservatively oversize tube-to-tube wear and this degradation mechanism has not challenged the TMI Operational Assessments, bobbin ETSS 13091.1 was developed and qualified for detection and sizing of all TTW beginning in T1R21. To allow depth comparisons for growth rate calculations, T1R20 bobbin data were re-analyzed for TTW and sized with ETSS 13091.1, with the results recorded into AREVA's FDMS database for comparison with future results. As such, counts of TTW wear indications may seem to decrease from T1R20 to T1R21 because the bobbin probe does not distinguish multiple wear indications at the same axial location.

Figure 2 shows the distribution of the TTW indications by percent through-wall.

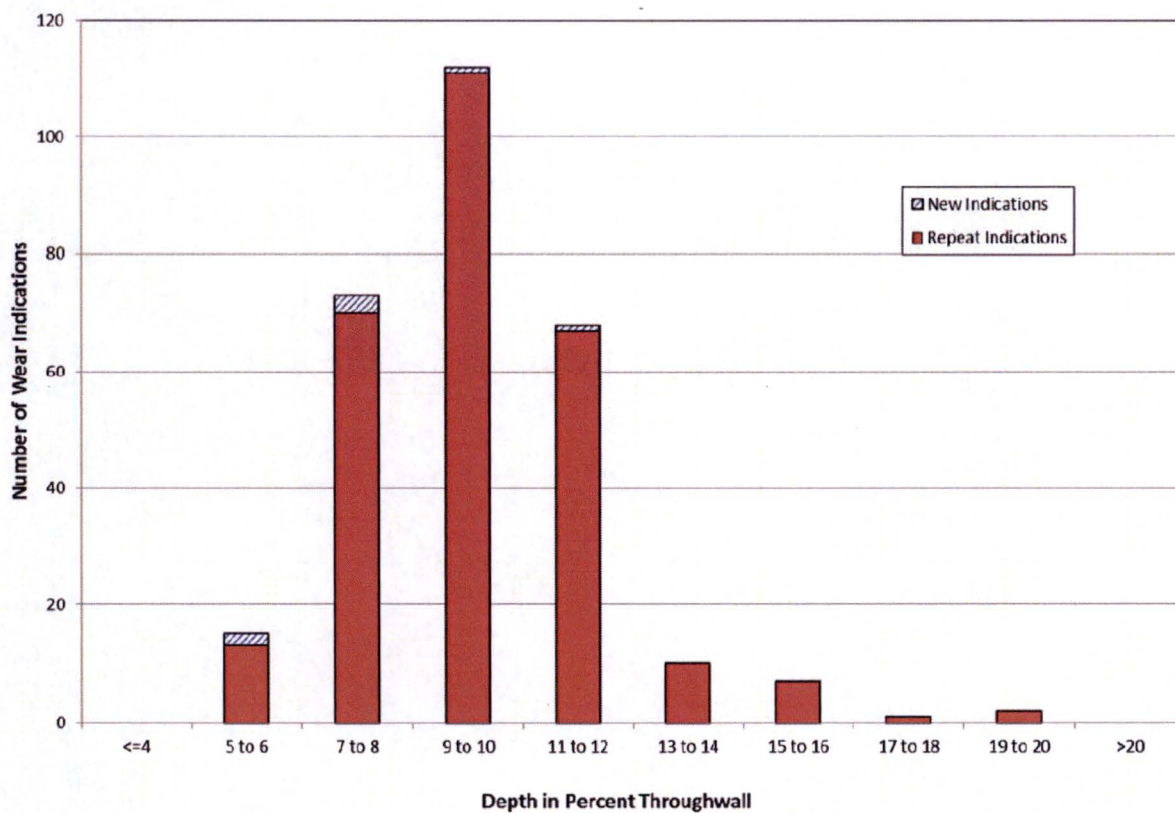


Figure 2: T1R22 - SG B - Tube-to-Tube (TTW) Wear Depth Distributions

(TS 6.9.6.e.) Number of tubes plugged during the inspection outage for each degradation mechanism:

During the T1R22 outage 52 tubes were plugged in SG B. Nine tubes were plugged based on indications at or above the Tech Spec limit of 40% TWD. 42 tubes were plugged to support the operational assessment plugging limits. One tube was plugged based on engineering judgment due to flaw morphology and proximity to nearby tubes being plugged for similar but deeper indications. In the course of plugging tubes based on flaw depths that met the screening criteria, numerous smaller flaws in the same tubes were also removed from service.

(TS 6.9.6.f.) The number and percentage of tubes plugged to date, and the effective plugging percentage in each steam generator:

There were no tubes plugged prior to T1R19. Table 3 shows the number of tubes plugged during each of the four steam generator inspections and the cumulative number of tubes plugged to date.

Table 3: TMI-1 Tube Plugging History

Outage	SGA Plug History				SGB Plug History				Total Plugged
	TSP Wear	TTW	Other	SGA Total Plugged	TSP Wear	TTW	Other	SGB Total Plugged	
PSI	0	0	0	0	0	0	0	0	0
T1R19	0	4	0	4	30	3	0	33	37
T1R20	1	0	0	1	31	0	0	31	32
T1R21	3	0	0	3	131	0	0	131	134
T1R22	No inspection or plugging				52	0	0	52	52
Total (Tubes)	4	4	0	8	244	3	0	247	255
Total (%)	0.051%				1.58%				0.82%
Limit (%)	5.00%				5.00%				5.00%
Limit (Tubes)	779 of 15597				779 of 15597				1558 of 31194

Note: There are 15,597 tubes per Steam Generator.

There are no sleeves or repairs other than plugs with stabilizers installed in the steam generators. The effective plugging percentage is the same as the actual plugged tube percentage. Following T1R22, the effective plugging percentage for SG B was 1.58%.

(TS 6.9.6.g.) The results of condition monitoring, including the results of tube pulls and in-situ testing:

The observed degradation in the TMI-1 SG B at the end of Cycle 21 (T1R22) was evaluated to determine if structural and leakage integrity requirements were met. The evaluation was consistent with NEI 97-06, and the applicable EPRI Guidelines. The observed degradation was shown not to present challenges to the structural integrity at the end of the operating interval or challenge required leakage integrity limits under postulated accident conditions.

No primary-to-secondary leakage occurred during Cycle 21. No tubes were pulled during the T1R22 steam generator inspections and no tubes required or were in-situ pressure tested in T1R22.

Tube-to-Tube Support Plate Wear:

A total of 6729 indications of tube wear at the broached tube support plates and 13 indications at drilled tube support plates were reported during the T1R22 inspection in SG B. The Condition Monitoring (CM) limit for TSP wear is a function of the depth, length, and shape (taper) of the wear profile.

Figure 3 and Figure 4 show the CM limit as a function of length and depth for the bobbin coil (ETSS 96043.1) and array coil (ETSS 11956.3) techniques, respectively. As shown in Figure 3, the CM limit for an indication with a structural length of 1.18" is ~54%TWD when sized by the bobbin technique. Assuming a bounding flaw structural length equal to the entire thickness of the TSPs (1.18"), all indications except two met the structural integrity performance criteria by analysis based on bobbin sizing (ETSS 96043.1). The largest indications detected and sized by bobbin were 59%TWD in tube 105-3 at 14S and 58%TWD in tube 5-14 at 11S. Since the indications, as sized by bobbin, were not shown by analysis to meet the bobbin CM limit, the indications were line-by-line profiled using an array probe and ETSS 11956.3 to obtain a structurally equivalent length and depth, which was compared to the CM limit for the array technique. The tubes were each found to have two distinct wear indications on different lands of the same support plate, a condition for which the bobbin technique ETSS 96043.1 is not qualified to size. This is because the bobbin probe is incapable of distinguishing multiple indications at the same elevation and generally sums the depths of the indications, leading to an overestimation of the measured indication depth. ETSS 11956.3, using an array probe, is a qualified technique capable of resolving multiple indications at the same elevation and accurately sizing each indication at each land. As shown in Figure 4, using array probe data for the structural equivalent depth and length for the largest indication in each tube, tubes 105-3 and 5-14 also met structural integrity performance criteria by analysis. For reference, these values were 40.4%TWD structural equivalent depth and 1.10 in. structural equivalent length for tube 105-3 and 40.9%TWD structural equivalent depth and 0.37 in. structural equivalent length for tube 5-14.

Other than tubes 105-3 and 5-14, the next deepest indication reported by bobbin was 51%TWD (105-4 at 15S). Therefore, as a conservative measure this indication and numerous others in the upper range of the bobbin depth distribution were sized with array and evaluated for CM compliance. The array evaluation of the 51%TWD indication initially sized by bobbin also

showed wear at 2 lands at the same TSP, measuring maximum depths of 34% and 32%TWD. The 34% and 32%TWD values were obtained from the "line-by-line" sizing data. Therefore, this indication and all remaining TSP wear indications passed condition monitoring analytically with no need for in situ pressure testing.

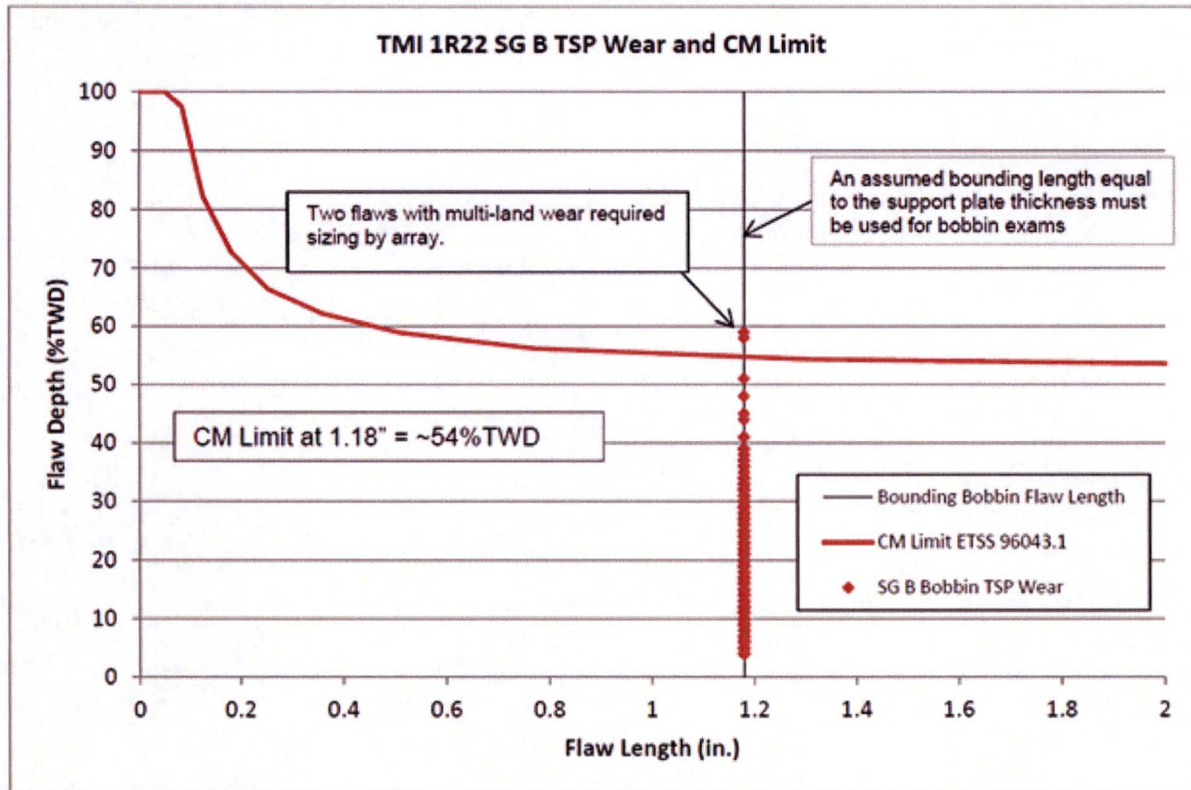


Figure 3: T1R22 - SG B - Condition Monitoring Limit Plot for Broached TSP Wear (Bobbin)

It should also be noted that axial loading acting on the circumferential extent of the wear scar was also considered and is not limiting. Large Break Loss of Coolant Accident (LBLOCA) conditions were also considered during the CM evaluation. For LBLOCA events, the limiting load is the axial load created by the large tube-to-shell temperature differential that develops as the tubes cool faster than the shell. Structural integrity is satisfied with 100%TW wear indications with a total circumferential extent of 107 degrees. Converting this to a PDA gives a PDA of 29.7%. Since none of the detected indications approached 100%TWD, structural integrity under postulated LBLOCA conditions is satisfied.

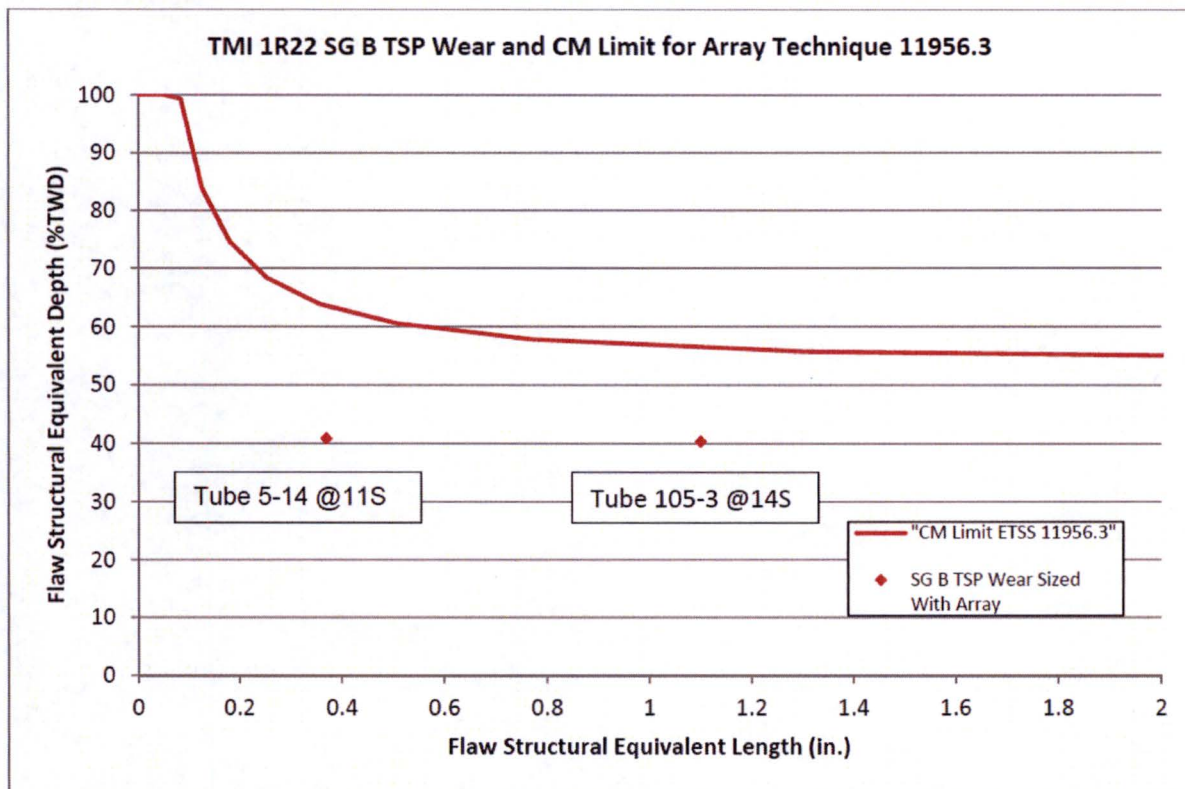


Figure 4: T1R22 - SG B - Condition Monitoring Limit Plot for Broached TSP Wear (Array)

Thirteen tubes in SG B confirmed wear at the 15S drilled tube support plate locations. The deepest indication detected (tube 46-118) had a measured depth of 28%TWD. As shown in Figure 5 this is well below the CM limit of 53%TWD for a 360 degree, uniform thinning indication with a length of 1.2", which are extremely conservative bounds. A structural profile was performed and a structural equivalent length of 0.3" and a structural equivalent depth of 18%TWD. This CM limit was determined using methodology defined by the EPRI Flaw Handbook Calculator.

The indications at the drilled TSP locations were also evaluated for structural integrity at LBLOCA conditions. Measured circumferential extents varied from 0.23 to 0.89 inches. The max Percent Degraded Area PDA of any drilled TSP indication was 10%, satisfying the 29.7 PDA criterion discussed above. Since none of the indications approached this depth, the LBLOCA criterion is also met for this mechanism.

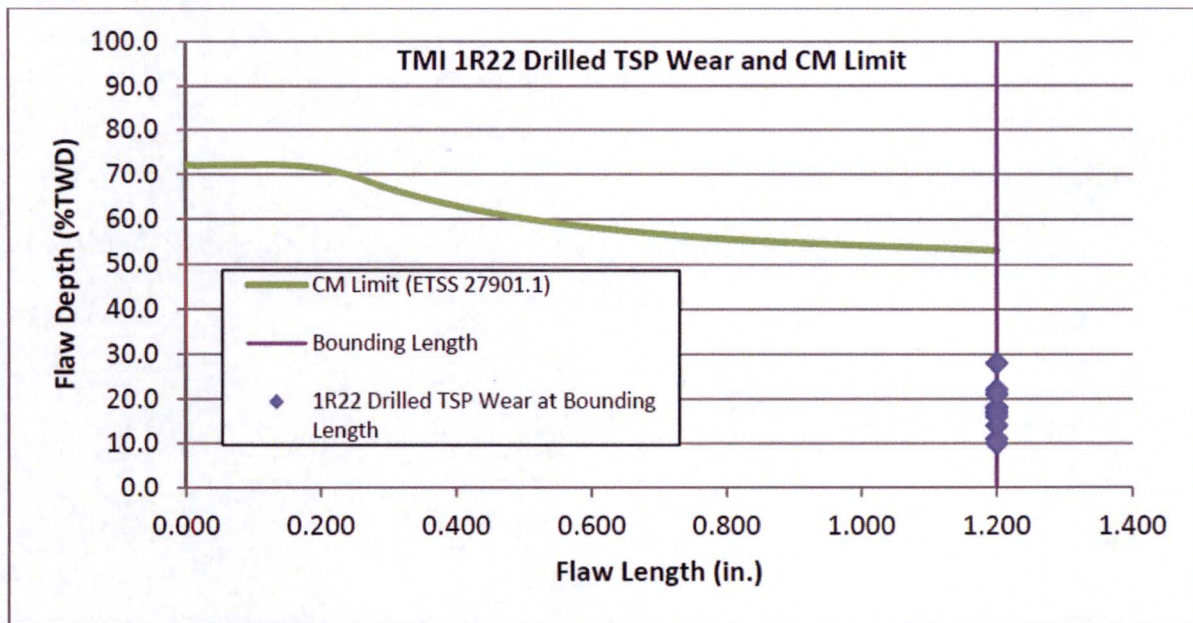


Figure 5: T1R22 - SG B - Condition Monitoring Limit Plot for Drilled TSP Wear (+PointTM ETSS 27901.1)

Tube-to-Tube Wear:

A total of 288 indications of tube-to-tube wear (TTW) in 280 tubes were reported during the T1R22 inspection. More indications were reported in T1R19 and T1R20 because TTW was evaluated with an array coil, which distinguishes multiple indications at the same axial location, while bobbin does not. Bobbin ETSS 13091.1 was used for detection and sizing of TTW in T1R21 and T1R22. Bobbin data from T1R20 were re-analyzed with ETSS 13091.1 and bobbin depths recorded in the T1R20 database to facilitate growth rate calculations for TTW. When re-analyzed with bobbin ETSS 13091.1 before T1R21, SG B had 276 TTW indications.

Most (270) of the TTW indications identified in SG B T1R22 were located between the 8th and the 9th TSPs. 12 indications were located between the 7th and 8th TSPs, 6 indications were located between the 4th and 5th TSPs. The freespan length between the 8th - 9th and 4th - 5th TSPs is 37.82" between the edges of the two TSPs. The freespan length between the edges of the 7th - 8th TSPs is 38.82". Therefore, a bounding structural length of 39" for all TTW indications was used in the CM evaluation. The NDE lengths of these indications were not measured in T1R21 or T1R22 because of the slowly-changing nature of TTW and the fact that the longest indication measured in T1R20 was less than 8.2" long. Therefore, using a structural length of 39" (i.e., assuming a completely flat wear shape along the entire TSP span) is extremely conservative. Using this bounding structural length, all indications of tube-to-tube wear met the structural integrity performance criteria with ample margin.

Figure 6 shows the CM limits as a function of length and depth for the bobbin coil TTW technique. As shown in the figures, the CM limit for an indication with a bounding structural

length of 39" is approximately 56%TWD. Since the deepest NDE depths were 19%TWD in SG B tubes 22-63 and 46-84 (which were also 19%TWD in T1R21), all tube-to-tube wear indications passed condition monitoring analytically with no need for in situ pressure testing. Screening for in situ pressure test candidates was performed in accordance with the EPRI In Situ Pressure Test Guidelines.

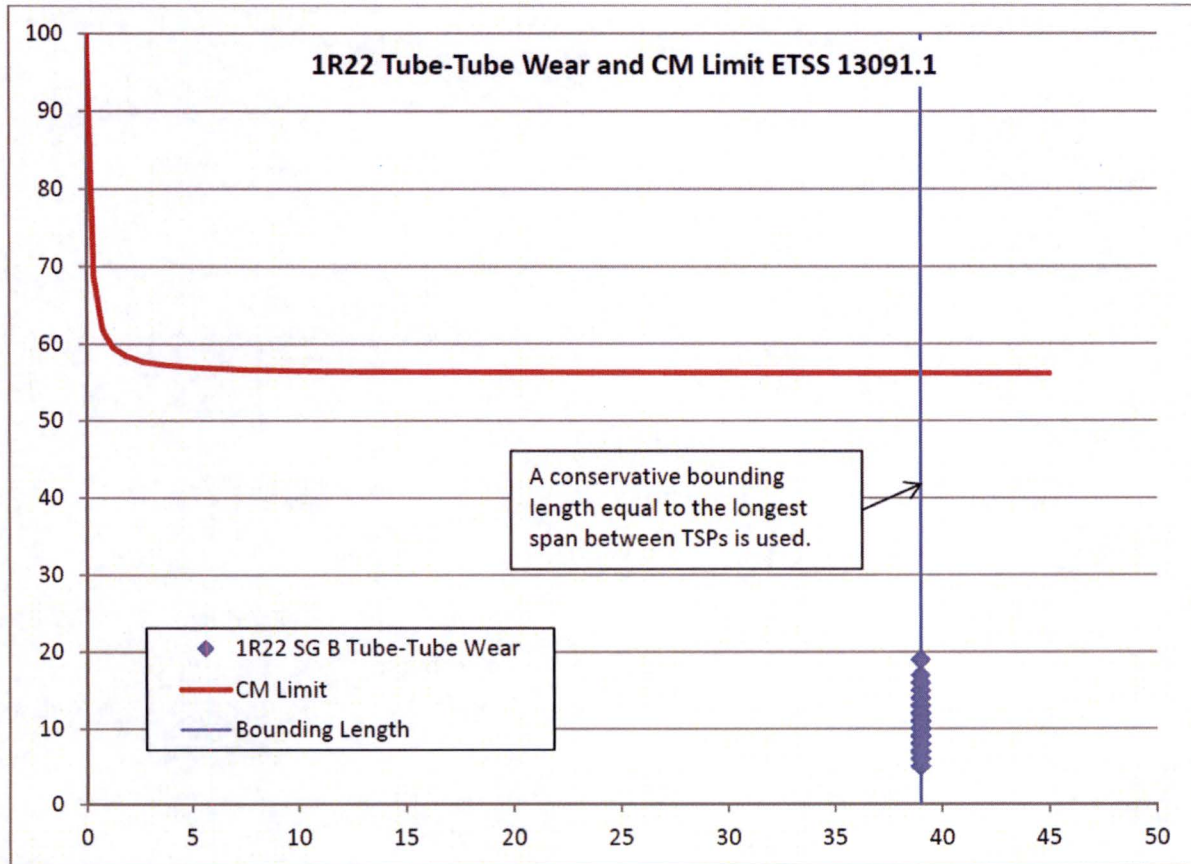


Figure 6: T1R22 - SG B - Condition Monitoring Limit for T1R22 Tube-to-Tube Wear

The indications of tube to tube wear were also evaluated for structural integrity at LBLOCA conditions. During the T1R19 inspection (2011), all the tube-to-tube wear indications were measured for circumferential extent. The T1R19 indications generally had circumferential extents of 50 to 70 degrees. During T1R20, there was one tube with four tube-to-tube wear indications in the same span. These indications had a combined circumferential extent of 147 degrees. Based on the allowable PDA of 29.7%, an allowable depth of 59.4%TWD is obtained for a postulated bounding 180-degree circumferential extent ($29.7\% \times 360 / 180$). Since none of the measured depths in T1R22 approached this value, structural integrity under postulated LBLOCA conditions is satisfied.

Summary:

This report meets the reporting requirements for Technical Specification 6.9.6. Exhibit 1 contained herein provides a complete list of service-induced indications for TMI-1 SG B

Exhibits:

Exhibit 1 – SG B Indications Report

Attachment 1 – SG B, Broached TSP Wear Indications Sized by Bobbin Probe



Exhibit 1

Attachment 1 T1R22

Attachment 2 – SG B, Drilled Support TSP Wear Indications Sized by +Point Probe



Exhibit 1

attachment 2 Drilled

Attachment 3 – SG B, Tube-to-Tube Wear Indications Sized by Bobbin Probe



Exhibit 1

Attachment 3 T1R22

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
3	2	10S	0.37	11		5	3	14S	0.24	12	
3	2	11S	-0.73	9		5	4	10S	-0.75	22	
3	2	12S	-0.73	37		5	4	12S	-0.7	12	
3	2	12S	0.34	16		5	4	12S	0.39	11	
3	2	13S	-0.76	23		5	5	10S	-0.68	6	
3	2	13S	0.27	22		5	5	13S	-0.75	8	
3	35	12S	-0.68	10		5	5	14S	-0.72	9	
3	35	13S	0.29	26		5	6	10S	-0.68	9	
3	35	14S	-0.75	26		5	6	11S	-0.68	22	
3	35	14S	0.29	13		5	6	11S	0.41	15	
3	36	12S	-0.73	11		5	6	12S	-0.68	15	
3	36	13S	0.36	11		5	6	12S	0.39	26	
3	36	14S	-0.78	16		5	6	13S	0.27	6	
4	1	07S	-0.68	10		5	7	10S	-0.7	17	
4	1	08S	-0.68	11		5	7	11S	-0.7	10	
4	1	10S	0.39	12		5	7	11S	0.4	9	
4	1	12S	-0.73	10		5	7	12S	-0.76	17	
4	1	12S	0.42	22		5	7	12S	0.38	25	
4	1	13S	-0.81	11		5	8	10S	-0.7	18	
4	1	13S	0.29	10		5	8	11S	-0.68	19	
4	2	11S	-0.78	15		5	8	11S	0.39	12	
4	2	12S	-0.75	10		5	8	12S	0.39	23	
4	3	10S	-0.73	25		5	9	10S	-0.77	6	
4	3	11S	-0.75	14		5	9	11S	-0.7	20	
4	3	12S	-0.71	18		5	9	11S	0.38	14	
4	3	13S	-0.76	19		5	9	12S	-0.75	14	
4	3	13S	0.22	15		5	9	12S	0.31	15	
4	3	14S	0.24	12		5	10	10S	-0.74	11	
4	37	12S	0.32	10		5	10	11S	-0.7	28	
4	38	10S	0.4	8		5	10	11S	0.39	12	
4	38	14S	-0.83	10		5	10	12S	-0.7	14	
4	38	14S	0.29	9		5	10	12S	0.34	16	
5	1	10S	0.39	8		5	11	10S	-0.72	16	
5	1	14S	-0.75	10		5	11	11S	-0.68	39	
5	1	14S	0.22	22		5	11	11S	0.38	13	
5	2	10S	-0.75	21		5	11	12S	-0.72	25	
5	2	10S	0.34	12		5	11	12S	0.34	19	
5	2	13S	-0.76	14		5	12	10S	-0.74	9	
5	2	13S	0.27	10		5	12	11S	-0.71	32	
5	3	14S	-0.75	16		5	12	11S	0.35	18	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		TW	Comment	Row	Tube	Location		TW	Comment
		TSP	Offset					TSP	Offset		
5	12	12S	0.35	14		5	20	15S	0.23	7	
5	13	10S	-0.72	13		5	21	11S	-0.7	36	
5	13	11S	-0.71	22		5	21	11S	0.34	12	
5	13	11S	0.37	24		5	21	12S	-0.75	9	
5	13	12S	-0.72	9		5	21	12S	0.3	15	
5	13	12S	0.33	10		5	21	15S	-0.79	8	
5	14	11S	-0.7	58	Array 49% Max	5	21	15S	0.18	9	
5	14	11S	0.36	15		5	23	10S	-0.83	12	
5	14	12S	-0.7	17		5	23	11S	-0.76	12	
5	14	12S	0.32	17		5	23	12S	-0.74	15	
5	14	14S	-0.83	8		5	23	12S	0.29	22	
5	14	14S	0.2	13		5	23	13S	0.29	9	
5	15	11S	-0.7	48		5	23	14S	0.22	15	
5	15	11S	0.34	26		5	23	15S	-0.83	9	
5	15	12S	-0.74	7		5	24	12S	-0.72	14	
5	15	12S	0.32	19		5	24	12S	0.27	17	
5	16	11S	-0.71	39		5	25	11S	-0.76	9	
5	16	12S	-0.67	13		5	25	12S	-0.72	8	
5	16	12S	0.28	13		5	25	12S	0.29	20	
5	17	11S	-0.7	30		5	25	13S	0.29	7	
5	17	11S	0.34	8		5	25	14S	0.23	12	
5	17	12S	-0.72	8		5	26	11S	-0.72	11	
5	17	12S	0.29	15		5	26	11S	0.34	7	
5	17	13S	0.25	8		5	26	12S	-0.7	29	
5	18	11S	-0.72	22		5	26	12S	0.3	22	
5	18	11S	0.32	13		5	26	13S	0.25	9	
5	18	12S	0.32	11		5	26	15S	-0.84	8	
5	19	11S	-0.74	34		5	27	11S	-0.7	9	
5	19	11S	0.36	19		5	27	12S	-0.77	26	
5	19	12S	0.32	20		5	27	12S	0.3	11	
5	19	13S	-0.68	10		5	27	13S	0.25	7	
5	19	13S	0.25	13		5	28	10S	-0.74	12	
5	19	14S	-0.85	15		5	28	11S	-0.76	10	
5	19	14S	0.23	15		5	28	11S	0.32	8	
5	19	15S	-0.86	9		5	28	12S	-0.79	12	
5	19	15S	0.23	11		5	28	12S	0.32	13	
5	20	11S	-0.69	26		5	28	13S	0.29	13	
5	20	11S	0.36	11		5	29	11S	-0.7	19	
5	20	12S	0.32	14		5	29	11S	0.36	24	
5	20	15S	-0.86	8		5	29	12S	-0.72	13	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
5	29	12S	0.32	14		5	39	10S	0.41	13	
5	31	10S	-0.72	16		5	39	14S	0.32	11	
5	31	11S	0.29	10		5	40	10S	-0.71	10	
5	31	12S	-0.7	10		5	40	14S	-0.78	27	
5	31	12S	0.34	15		5	41	10S	0.34	17	
5	31	13S	0.32	9		5	41	12S	0.29	13	
5	31	14S	-0.86	14		5	41	14S	-0.76	21	
5	31	14S	0.25	10		5	41	14S	0.27	10	
5	32	11S	0.29	15		5	42	13S	0.34	17	
5	32	12S	-0.72	8		5	42	14S	0.29	30	
5	32	12S	0.32	21		6	1	11S	-0.71	8	
5	32	13S	0.29	10		6	1	13S	0	19	
5	32	14S	-0.81	15		6	1	14S	-0.75	14	
5	33	11S	-0.7	6		6	1	14S	0.17	21	
5	33	11S	0.34	11		6	3	10S	-0.73	7	
5	33	12S	-0.7	14		6	3	11S	-0.71	16	
5	33	12S	0.34	19		6	3	14S	-0.78	15	
5	33	13S	0.29	10		6	3	14S	0.17	14	
5	33	14S	-0.81	14		6	4	10S	-0.75	9	
5	34	11S	-0.68	22		6	5	10S	-0.75	25	
5	34	11S	0.35	25		6	7	10S	-0.7	29	
5	34	12S	-0.68	16		6	8	10S	-0.67	24	
5	34	12S	0.35	24		6	9	10S	-0.66	23	
5	34	13S	0.31	11		6	9	12S	0.32	12	
5	34	14S	-0.84	15		6	9	14S	-0.84	7	
5	35	11S	-0.67	18		6	10	10S	-0.7	12	
5	35	11S	0.43	17		6	10	11S	0.3	6	
5	35	12S	-0.67	11		6	10	12S	0.39	11	
5	35	12S	0.39	15		6	11	10S	-0.7	20	
5	35	14S	-0.77	14		6	11	11S	-0.7	22	
5	36	11S	-0.7	20		6	11	11S	0.39	13	
5	36	11S	0.41	17		6	11	14S	-0.86	11	
5	36	12S	-0.68	12		6	12	10S	-0.68	13	
5	36	12S	0.36	23		6	12	12S	0.36	17	
5	36	14S	-0.77	10		6	12	13S	-0.77	9	
5	37	10S	-0.67	12		6	12	14S	-0.84	19	
5	37	12S	-0.7	12		6	12	14S	0.16	11	
5	37	14S	-0.75	14		6	13	10S	-0.72	11	
5	38	10S	-0.65	11		6	13	11S	-0.68	37	
5	38	10S	0.38	15		6	13	11S	0.36	11	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		TW	Comment	Row	Tube	Location		TW	Comment
		TSP	Offset					TSP	Offset		
6	13	12S	-0.7	11		6	23	10S	-0.72	8	
6	13	12S	0.34	16		6	23	10S	0.36	10	
6	13	13S	-0.86	16		6	23	11S	0.32	10	
6	13	13S	0.2	12		6	23	12S	0.32	11	
6	13	14S	-0.84	10		6	23	14S	-0.81	12	
6	13	14S	0.16	11		6	23	15S	-0.9	7	
6	13	15S	-0.9	11		6	24	11S	0.34	14	
6	14	11S	-0.68	37		6	24	12S	0.23	14	
6	14	12S	-0.75	16		6	24	14S	-0.81	12	
6	14	12S	0.27	17		6	24	15S	-0.9	13	
6	14	13S	-0.75	11		6	25	10S	-0.76	19	
6	14	13S	0.23	7		6	25	11S	0.32	19	
6	14	14S	0.18	9		6	25	12S	0.23	20	
6	15	10S	-0.77	6		6	25	13S	0.22	10	
6	15	11S	-0.72	31		6	25	14S	0.13	10	
6	15	12S	0.36	15		6	26	11S	-0.67	8	
6	16	11S	-0.72	23		6	26	11S	0.34	18	
6	16	12S	-0.7	16		6	26	12S	0.29	14	
6	16	12S	0.34	11		6	26	14S	-0.85	10	
6	17	10S	-0.77	13		6	26	15S	0.11	7	
6	17	12S	-0.79	16		6	27	11S	0.36	18	
6	17	14S	0.2	9		6	27	12S	0.29	13	
6	18	10S	-0.72	24		6	27	14S	0.16	6	
6	18	11S	-0.7	19		6	28	10S	-0.71	9	
6	18	12S	0.36	9		6	28	11S	-0.72	14	
6	19	10S	-0.72	19		6	28	11S	0.34	18	
6	19	11S	-0.7	18		6	29	11S	-0.69	14	
6	19	12S	0.32	13		6	29	11S	0.36	19	
6	19	14S	-0.88	9		6	29	12S	0.34	8	
6	20	10S	-0.72	19		6	29	13S	0.27	8	
6	20	11S	-0.7	20		6	29	14S	-0.91	8	
6	20	13S	-0.88	9		6	30	11S	-0.71	18	
6	21	10S	-0.74	15		6	30	11S	0.38	18	
6	21	11S	0.29	6		6	30	12S	0.32	15	
6	21	12S	0.3	12		6	30	14S	-0.87	11	
6	21	14S	-0.88	6		6	31	11S	-0.69	20	
6	22	10S	-0.74	7		6	31	11S	0.38	20	
6	22	11S	-0.72	14		6	31	12S	0.25	16	
6	22	13S	-0.84	12		6	31	13S	0.2	6	
6	22	15S	-0.95	9		6	31	14S	-0.81	8	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
6	31	15S	-0.81	6		7	2	14S	-0.78	14	
6	32	11S	-0.65	19		7	2	14S	0.24	15	
6	32	11S	0.34	31		7	4	13S	-0.78	14	
6	32	14S	0.18	14		7	4	14S	-0.9	6	
6	33	11S	-0.71	17		7	4	14S	0.2	14	
6	33	11S	0.31	33		7	5	10S	-0.7	11	
6	33	12S	0.34	23		7	5	12S	0.27	9	
6	33	14S	0.27	9		7	6	10S	0.41	9	
6	34	11S	-0.67	13		7	6	14S	0.21	15	
6	34	11S	0.38	29		7	8	12S	0.27	6	
6	35	11S	-0.69	18		7	8	14S	0.2	13	
6	35	11S	0.38	30		7	9	10S	-0.71	13	
6	35	12S	-0.74	9		7	10	14S	-0.81	8	
6	35	12S	0.29	20		7	11	10S	-0.71	16	
6	35	13S	0.29	7		7	11	10S	0.36	12	
6	35	15S	-0.85	11		7	11	11S	-0.75	21	
6	37	12S	-0.7	7		7	11	11S	0.32	16	
6	37	14S	-0.79	13		7	11	12S	0.39	8	
6	38	14S	-0.75	13		7	11	14S	0.25	9	
6	39	10S	0.43	9		7	11	15S	0.23	7	
6	39	14S	-0.79	11		7	12	10S	-0.68	15	
6	40	10S	0.38	11		7	12	10S	0.37	6	
6	41	14S	-0.81	11		7	12	13S	-0.87	12	
6	42	10S	-0.69	11		7	12	14S	-0.86	8	
6	43	10S	-0.71	20		7	13	10S	-0.7	14	
6	44	10S	0.39	22		7	13	10S	0.34	11	
6	45	10S	0.34	26		7	13	11S	-0.7	12	
6	45	14S	-0.73	25		7	13	12S	-0.75	10	
6	45	14S	0.32	17		7	13	12S	0.27	13	
6	46	10S	0.39	16		7	13	15S	-0.86	10	
6	46	14S	-0.78	26		7	14	11S	-0.75	21	
6	46	14S	0.29	17		7	14	11S	0.34	13	
6	47	13S	0.32	11		7	14	12S	0.34	15	
7	1	11S	-0.71	14		7	14	15S	-0.86	19	
7	1	13S	-0.73	12		7	14	15S	0.18	11	
7	1	13S	0.17	11		7	15	10S	0.34	10	
7	2	07S	0.46	11		7	15	11S	-0.73	16	
7	2	11S	-0.73	17		7	15	11S	0.34	20	
7	2	13S	-0.78	16		7	15	12S	0.32	16	
7	2	13S	0.22	10		7	15	14S	-0.79	10	

TMI-1 Steam Generator Tube Inspection Report (T1R22)
Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		TW	Comment
		TSP	Offset		
7	16	11S	-0.75	15	
7	16	11S	0.32	19	
7	16	12S	0.32	9	
7	17	11S	-0.73	13	
7	17	11S	0.36	12	
7	17	12S	0.32	11	
7	17	14S	-0.91	6	
7	17	14S	0.23	9	
7	17	15S	-0.77	19	
7	17	15S	0.18	12	
7	18	10S	-0.72	16	
7	18	11S	-0.7	14	
7	18	12S	0.3	9	
7	19	10S	-0.7	16	
7	19	11S	-0.72	12	
7	19	11S	0.36	11	
7	20	10S	-0.68	25	
7	20	11S	-0.75	11	
7	20	12S	0.27	8	
7	21	10S	-0.7	25	
7	21	11S	-0.75	14	
7	21	11S	0.32	7	
7	22	10S	-0.68	14	
7	22	11S	-0.75	9	
7	23	10S	-0.68	10	
7	23	11S	-0.7	12	
7	23	11S	0.34	8	
7	24	10S	-0.68	12	
7	24	11S	-0.7	16	
7	24	11S	0.32	18	
7	24	14S	-0.77	14	
7	25	10S	-0.68	12	
7	25	11S	0.29	11	
7	25	14S	0.25	8	
7	26	10S	-0.72	13	
7	26	11S	-0.72	11	
7	26	11S	0.34	16	
7	26	15S	-0.77	13	
7	27	11S	-0.77	7	
7	27	11S	0.32	14	

Row	Tube	Location		TW	Comment
		TSP	Offset		
7	27	15S	-0.84	14	
7	28	11S	0.36	18	
7	28	15S	-0.84	11	
7	29	11S	0.34	17	
7	30	11S	-0.75	7	
7	30	11S	0.38	10	
7	31	10S	-0.72	9	
7	31	11S	-0.7	11	
7	31	11S	0.34	12	
7	31	15S	-0.83	6	
7	32	11S	-0.72	7	
7	32	11S	0.36	18	
7	32	14S	-0.79	9	
7	33	10S	-0.69	11	
7	33	11S	0.36	25	
7	33	14S	-0.79	13	
7	33	15S	0.18	6	
7	34	10S	-0.67	13	
7	34	11S	-0.67	13	
7	34	11S	0.38	32	
7	34	12S	0.34	14	
7	34	14S	-0.81	11	
7	35	10S	-0.78	7	
7	35	11S	-0.7	15	
7	35	11S	0.36	21	
7	35	12S	0.34	16	
7	35	14S	0.11	10	
7	38	11S	0.25	7	
7	39	11S	0.25	12	
7	39	14S	-0.83	16	
7	40	10S	0.36	14	
7	40	14S	-0.9	11	
7	41	10S	0.38	16	
7	41	14S	0.2	13	
7	42	10S	0.4	10	
7	42	14S	-0.79	11	
7	43	10S	0.42	19	
7	43	14S	-0.79	11	
7	43	14S	0.27	11	
7	44	10S	0.43	10	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
7	44	13S	0.32	8		8	13	10S	-0.7	8	
7	45	10S	0.43	12		8	13	11S	0.36	8	
7	45	14S	-0.85	7		8	14	14S	-0.75	9	
7	46	13S	-0.73	11		8	14	14S	0.25	7	
7	46	14S	-0.78	19		8	15	10S	-0.61	8	
7	46	14S	0.27	21		8	15	11S	0.36	15	
7	47	14S	-0.78	16		8	16	10S	-0.7	8	
7	47	14S	0.29	12		8	16	11S	-0.73	16	
7	48	10S	0.39	24		8	16	11S	0.32	23	
7	48	14S	-0.88	17		8	17	10S	-0.7	11	
7	48	14S	0.24	32		8	17	11S	0.39	11	
7	50	13S	0.37	12		8	17	15S	-0.86	9	
7	50	14S	-0.78	20		8	18	14S	-0.75	9	
8	1	11S	-0.73	8		8	19	10S	-0.7	8	
8	1	12S	-0.71	19		8	20	10S	0.41	8	
8	1	12S	0.39	23		8	20	11S	0.3	16	
8	1	13S	-0.76	13		8	20	14S	0.2	9	
8	1	13S	0.27	12		8	20	15S	0.23	7	
8	2	07S	-0.66	9		8	21	10S	-0.68	23	
8	2	07S	0.49	12		8	21	11S	0.34	8	
8	2	11S	-0.78	9		8	22	10S	-0.68	24	
8	2	13S	-0.78	15		8	22	11S	0.36	12	
8	2	13S	0.29	10		8	22	15S	-0.88	7	
8	2	14S	-0.78	29		8	23	10S	-0.68	15	
8	2	14S	0.17	31		8	24	14S	0.25	14	
8	3	10S	0.39	9		8	25	10S	-0.7	13	
8	3	11S	-0.78	19		8	25	11S	0.34	17	
8	3	13S	-0.24	29		8	25	14S	-0.79	12	
8	3	14S	-0.8	32		8	26	11S	0.32	14	
8	3	14S	0.2	28		8	27	15S	-0.81	11	
8	4	11S	-0.78	6		8	28	10S	-0.72	16	
8	4	14S	-0.75	20		8	28	11S	0.32	18	
8	4	14S	0.17	26		8	29	15S	0.18	7	
8	5	14S	-0.78	13		8	30	11S	0.34	16	
8	8	10S	-0.72	23		8	30	15S	-0.84	13	
8	10	10S	-0.73	19		8	31	11S	0.34	18	
8	10	14S	-0.86	16		8	31	15S	0.16	9	
8	11	10S	-0.68	12		8	33	11S	0.38	13	
8	11	11S	0.29	11		8	33	15S	-0.83	11	
8	12	10S	-0.68	11		8	34	11S	0.36	12	

TMI-1 Steam Generator Tube Inspection Report (T1R22)
Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		TW	Comment	Row	Tube	Location		TW	Comment
		TSP	Offset					TSP	Offset		
8	35	11S	0.38	13		9	1	10S	0.37	12	
8	36	11S	0.34	25		9	1	13S	-0.78	12	
8	37	11S	0.36	20		9	2	12S	-0.68	9	
8	37	15S	-0.81	16		9	2	12S	0.44	8	
8	38	09S	0.42	7		9	2	13S	-0.76	11	
8	38	11S	-0.67	9		9	3	07S	-0.68	9	
8	38	11S	0.36	20		9	3	10S	-0.76	11	
8	39	09S	0.4	7		9	3	14S	0.2	15	
8	39	11S	0.41	9		9	4	14S	-0.73	8	
8	39	15S	-0.72	8		9	5	10S	-0.73	18	
8	41	14S	-0.85	8		9	5	14S	0	36	
8	42	14S	-0.72	11		9	6	14S	-0.78	10	
8	43	10S	0.38	12		9	8	10S	-0.73	12	
8	44	14S	-0.83	13		9	8	14S	-0.84	14	
8	45	10S	0.38	15		9	8	14S	0.25	7	
8	45	14S	-0.31	26		9	9	10S	0.38	10	
8	45	15S	0.25	18		9	9	14S	-0.86	8	
8	46	14S	-0.79	22		9	9	15S	0.23	7	
8	46	14S	0.27	10		9	11	10S	-0.74	15	
8	46	15S	0.32	16		9	11	14S	-0.86	6	
8	48	10S	0.42	10		9	13	10S	-0.69	30	
8	48	12S	-0.82	8		9	13	11S	0.29	12	
8	48	13S	0.29	15		9	14	10S	-0.68	28	
8	48	14S	-0.27	36		9	14	11S	0.36	27	
8	49	14S	-0.83	23		9	15	10S	-0.68	18	
8	49	14S	0.29	17		9	15	11S	-0.77	13	
8	50	10S	0.41	16		9	15	11S	0.34	29	
8	50	14S	-0.85	13		9	16	10S	-0.73	8	
8	50	14S	0.24	29		9	16	11S	-0.73	12	
8	51	10S	0.37	22		9	16	11S	0.36	26	
8	51	13S	0.32	23		9	17	10S	-0.68	8	
8	51	14S	-0.78	29		9	18	10S	-0.7	11	
8	51	14S	0.27	29		9	18	11S	-0.75	18	
8	53	13S	0.29	27		9	18	11S	0.34	22	
8	53	14S	-0.8	22		9	19	11S	0.36	11	
8	53	14S	0.27	29		9	20	10S	-0.75	7	
8	54	13S	-0.73	11		9	20	11S	0.36	9	
8	54	13S	0.29	27		9	21	10S	-0.73	12	
8	54	14S	-0.8	22		9	21	11S	-0.75	10	
8	54	14S	0.17	16		9	21	11S	0.34	21	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Location				TW	Comment	Row	Location				TW	Comment
	Tube	TSP	Offset	%				Tube	TSP	Offset	%		
9	22	11S	-0.81	8			9	54	14S	-0.86	12		
9	22	11S	0.36	17			9	54	14S	0.34	11		
9	22	15S	0.18	9			9	55	12S	-0.73	8		
9	23	10S	-0.81	6			9	55	12S	0.34	10		
9	23	10S	0.32	9			9	55	13S	0.32	19		
9	23	11S	0.34	17			9	55	14S	-0.22	26		
9	24	11S	0.34	15			9	56	10S	0.29	24		
9	25	10S	-0.7	10			9	56	13S	-0.78	12		
9	25	11S	0.32	15			9	56	13S	0.29	20		
9	26	10S	-0.68	11			9	56	14S	-0.76	19		
9	26	11S	0.34	12			9	56	14S	0.27	33		
9	27	10S	-0.72	8			9	57	10S	0.32	28		
9	27	11S	0.32	20			9	57	13S	-0.78	9		
9	28	11S	0.27	18			9	57	13S	0.32	11		
9	30	12S	0.27	7			9	57	14S	-0.88	21		
9	31	10S	-0.72	8			9	57	14S	0.24	19		
9	31	11S	0.32	14			9	58	10S	0.34	13		
9	32	11S	0.34	10			9	58	14S	-0.81	17		
9	32	14S	0.25	8			9	58	14S	0.27	18		
9	33	11S	0.36	11			9	59	10S	0.39	17		
9	33	14S	-0.81	9			9	59	13S	0.34	11		
9	34	11S	0.36	16			9	59	14S	-0.8	16		
9	35	11S	0.36	12			9	59	14S	0.22	10		
9	35	12S	0.32	7			9	60	13S	0.34	14		
9	36	11S	0.36	16			9	60	14S	0.17	13		
9	36	15S	0.18	10			10	1	10S	0.34	19		
9	37	11S	0.38	7			10	2	14S	-0.8	14		
9	38	10S	-0.72	7			10	3	10S	-0.71	20		
9	38	11S	0.38	17			10	3	14S	-0.8	13		
9	39	11S	0.38	12			10	4	14S	-0.78	18		
9	40	11S	0.41	11			10	5	10S	-0.75	19		
9	49	10S	0.4	13			10	5	14S	-0.75	21		
9	50	10S	0.43	12			10	6	14S	-0.75	20		
9	51	10S	0.42	12			10	7	10S	-0.77	18		
9	51	15S	0.29	15			10	7	14S	-0.82	10		
9	52	10S	0.4	13			10	10	15S	0.23	14		
9	52	15S	0.29	22			10	11	15S	0.14	16		
9	53	13S	0.31	12			10	12	14S	-0.88	7		
9	53	14S	-0.83	22			10	15	10S	-0.73	16		
9	53	14S	0.31	13			10	15	11S	0.39	20		

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location						Location					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
10	23	10S	-0.65	13		11	1	12S	-0.68	8	
10	25	11S	0.36	9		11	2	10S	-0.78	12	
10	34	10S	-0.72	21		11	3	12S	-0.73	19	
10	34	11S	0.34	17		11	5	10S	-0.7	9	
10	35	11S	0.38	8		11	6	10S	-0.73	12	
10	36	11S	0.34	14		11	6	11S	-0.82	8	
10	37	11S	0.35	8		11	6	14S	-0.79	12	
10	38	11S	0.36	12		11	6	14S	0.14	11	
10	39	11S	0.35	14		11	7	10S	-0.7	12	
10	40	11S	0.36	10		11	8	10S	-0.71	14	
10	41	11S	0.35	11		11	9	10S	-0.75	17	
10	52	10S	0.42	11		11	9	14S	-0.78	10	
10	53	10S	0.38	13		11	9	15S	-0.83	14	
10	54	15S	0.29	13		11	9	15S	0.18	29	
10	55	13S	0.29	7		11	10	15S	-0.89	6	
10	55	14S	-0.83	10		11	10	15S	0.16	21	
10	56	14S	-0.77	21		11	11	11S	0.27	16	
10	57	13S	-0.7	12		11	11	15S	0.18	13	
10	57	13S	0.25	16		11	12	14S	-0.79	15	
10	57	14S	-0.81	16		11	12	14S	0.21	7	
10	57	14S	0.27	25		11	12	15S	0.18	17	
10	58	13S	0.36	15		11	14	11S	-0.7	10	
10	58	14S	0.27	11		11	14	11S	0.34	11	
10	59	14S	-0.84	16		11	14	12S	0.32	8	
10	59	14S	0.29	29		11	14	15S	-0.78	9	
10	60	10S	0.34	15		11	15	10S	-0.74	10	
10	60	13S	0.27	21		11	15	14S	-0.84	9	
10	60	14S	-0.75	19		11	16	10S	-0.68	24	
10	60	14S	0.32	18		11	16	11S	-0.79	9	
10	62	11S	-0.68	12		11	16	11S	0.36	20	
10	62	11S	0.34	11		11	16	15S	0.14	11	
10	62	13S	0.34	14		11	17	10S	-0.68	12	
10	63	13S	-0.73	19		11	17	11S	0.34	19	
10	64	12S	-0.66	9		11	18	10S	-0.7	15	
10	64	12S	0.39	11		11	18	11S	-0.76	17	
10	64	13S	0.29	22		11	18	11S	0.37	25	
10	65	12S	-0.68	32		11	18	12S	0.29	10	
10	65	12S	0.39	20		11	18	15S	0.23	12	
10	65	13S	-0.78	19		11	19	10S	-0.7	11	
10	65	13S	0.34	27		11	19	10S	0.36	11	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
11	19	11S	-0.77	29		11	66	12S	-0.71	19	
11	19	11S	0.34	17		11	66	12S	0.39	39	
11	19	15S	-0.86	12		11	66	13S	0.29	21	
11	19	15S	0.16	11		11	66	14S	0.2	14	
11	21	10S	0.36	10		11	67	12S	-0.71	11	
11	21	14S	-0.9	9		11	67	13S	0.34	17	
11	21	15S	-0.86	11		11	68	10S	0.37	14	
11	23	11S	0.34	17		11	68	11S	-0.68	8	
11	23	14S	-0.84	9		11	68	11S	0.49	12	
11	23	15S	0.18	9		11	68	12S	-0.71	26	
11	24	11S	0.34	9		11	68	12S	0.42	22	
11	28	11S	0.36	9		11	68	13S	-0.76	10	
11	29	11S	0.31	13		11	68	13S	0.34	26	
11	30	11S	0.36	13		12	1	12S	-0.68	10	
11	32	11S	0.31	8		12	2	14S	-0.78	10	
11	34	11S	0.34	8		12	2	14S	0.17	17	
11	42	11S	0.38	12		12	3	14S	0.2	11	
11	55	10S	-0.72	8		12	5	09S	0.34	8	
11	57	14S	-0.84	15		12	5	10S	-0.75	9	
11	57	14S	0.29	9		12	5	12S	0.23	8	
11	58	11S	0.31	23		12	7	10S	-0.7	22	
11	58	13S	0.27	9		12	7	11S	-0.82	8	
11	58	14S	-0.81	13		12	7	11S	0.3	10	
11	58	15S	-0.76	10		12	8	11S	-0.83	7	
11	58	15S	0.32	17		12	8	14S	0.21	17	
11	59	14S	-0.77	11		12	9	14S	-0.93	7	
11	60	14S	-0.79	19		12	9	15S	0.18	21	
11	60	15S	-0.81	19		12	10	14S	0.21	23	
11	61	10S	0.43	17		12	11	10S	-0.7	11	
11	61	14S	-0.75	17		12	11	11S	0.32	9	
11	61	14S	0.29	17		12	13	10S	-0.75	11	
11	62	14S	-0.79	11		12	13	11S	-0.82	6	
11	62	14S	0.29	27		12	14	10S	-0.79	8	
11	63	14S	0.32	8		12	15	11S	-0.79	17	
11	64	10S	-0.73	10		12	15	11S	0.36	13	
11	64	14S	-0.9	15		12	16	09S	-0.7	22	
11	64	14S	0.24	11		12	16	09S	0.34	25	
11	66	10S	-0.73	8		12	16	10S	-0.68	20	
11	66	11S	-0.68	24		12	16	11S	-0.81	18	
11	66	11S	0.34	24		12	16	11S	0.3	17	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		TW	Comment	Row	Tube	Location		TW	Comment
		TSP	Offset					TSP	Offset		
12	17	10S	-0.73	12		13	13	10S	-0.64	13	
12	17	11S	-0.73	9		13	13	11S	-0.79	7	
12	17	11S	0.34	28		13	13	11S	0.34	10	
12	17	12S	0.3	8		13	13	14S	-0.86	9	
12	17	15S	0.18	11		13	14	09S	0.38	8	
12	18	11S	0.34	17		13	14	10S	-0.74	10	
12	19	11S	0.34	13		13	14	11S	0.36	15	
12	24	11S	-0.74	6		13	15	09S	0.39	7	
12	24	11S	0.29	10		13	15	10S	-0.75	6	
12	44	09S	-0.73	9		13	16	10S	-0.74	11	
12	62	14S	-0.83	13		13	16	11S	0.33	13	
12	62	14S	0.34	10		13	16	14S	-0.9	7	
12	63	14S	-0.81	7		13	16	15S	0.2	12	
12	63	14S	0.29	12		13	18	11S	0.34	18	
12	67	11S	-0.63	41		13	18	14S	-0.88	15	
12	67	12S	-0.68	22		13	19	09S	0.39	9	
12	67	13S	-0.76	13		13	19	11S	0.34	8	
12	68	11S	-0.71	11		13	19	12S	0.3	8	
12	68	12S	-0.71	31		13	21	11S	0.36	11	
12	68	13S	-0.73	15		13	22	09S	0.43	7	
12	69	10S	0.37	21		13	60	12S	-0.75	8	
12	69	11S	-0.73	10		13	60	12S	0.36	8	
12	69	11S	0.39	11		13	62	11S	0.38	11	
12	69	12S	-0.76	16		13	66	10S	0.43	7	
12	69	12S	0.39	19		13	67	14S	-0.75	13	
12	69	13S	0.39	15		13	67	14S	0.32	17	
13	2	14S	0.22	12		13	68	10S	0.38	9	
13	3	12S	-0.71	10		13	68	14S	0.32	9	
13	5	10S	-0.72	20		13	71	12S	-0.71	28	
13	5	12S	0.39	16		13	73	11S	-0.73	15	
13	6	10S	-0.72	16		13	73	12S	-0.73	31	
13	7	10S	-0.7	31		13	73	12S	0.39	28	
13	7	14S	-0.79	9		13	73	13S	-0.73	29	
13	7	14S	0.16	14		13	73	13S	0.32	24	
13	8	10S	-0.7	26		13	74	09S	-0.68	9	
13	10	14S	-0.88	9		13	74	10S	0.34	28	
13	10	15S	0.16	19		13	74	11S	-0.71	12	
13	11	15S	0.16	15		13	74	12S	-0.71	15	
13	12	09S	0.38	9		13	74	12S	0.39	22	
13	12	11S	0.27	6		13	74	13S	0.32	17	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
13	74	14S	-0.73	12		14	35	15S	0.11	8	
14	2	12S	-0.73	22		14	37	11S	0.32	6	
14	2	12S	0.39	11		14	50	09S	0.42	12	
14	2	13S	-0.76	10		14	60	11S	0.36	9	
14	2	14S	0.17	16		14	63	11S	0.27	11	
14	3	11S	-0.84	8		14	63	12S	-0.7	7	
14	4	14S	-0.78	12		14	63	12S	0.41	13	
14	5	12S	-0.71	13		14	65	14S	-0.9	12	
14	5	12S	0.39	10		14	68	11S	0.31	25	
14	6	10S	-0.7	23		14	69	12S	-0.7	7	
14	6	14S	-0.9	11		14	69	15S	0.39	12	
14	7	10S	-0.73	13		14	73	11S	0.43	13	
14	8	09S	0.32	15		14	73	12S	-0.63	7	
14	8	14S	-0.88	11		14	73	12S	0.41	14	
14	9	14S	-0.88	8		14	74	11S	-0.63	45	
14	9	15S	0.21	14		14	74	11S	0.44	31	
14	10	15S	0.18	19		14	74	12S	-0.71	24	
14	11	15S	0.14	14		14	74	13S	0.37	12	
14	12	15S	0.14	7		14	77	12S	-0.73	15	
14	14	10S	-0.72	16		14	77	12S	0.34	24	
14	15	10S	-0.73	13		14	77	13S	0.39	11	
14	15	11S	0.34	24		15	2	11S	-0.73	21	
14	15	15S	0.18	8		15	2	12S	-0.73	16	
14	16	09S	0.41	11		15	2	12S	0.27	19	
14	16	10S	-0.72	22		15	2	13S	-0.85	10	
14	16	11S	-0.79	9		15	2	14S	-0.88	7	
14	16	11S	0.36	19		15	2	14S	0.17	15	
14	17	09S	0.36	10		15	6	12S	0.25	13	
14	17	10S	-0.75	17		15	6	14S	0.2	8	
14	17	11S	0.34	30		15	7	11S	-0.77	16	
14	18	09S	0.41	11		15	7	11S	0.36	16	
14	18	10S	-0.72	34		15	8	09S	0.39	9	
14	18	11S	0.29	16		15	8	10S	-0.7	8	
14	20	10S	-0.72	33		15	8	11S	-0.75	14	
14	20	11S	-0.77	8		15	8	11S	0.3	9	
14	20	11S	0.29	28		15	9	10S	-0.7	21	
14	21	11S	0.32	15		15	9	11S	-0.77	10	
14	21	14S	-0.9	13		15	9	11S	0.41	18	
14	22	11S	0.34	12		15	9	12S	0.39	12	
14	35	11S	0.29	9		15	9	14S	-0.88	7	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
15	9	14S	0.18	12		16	6	14S	0.14	13	
15	10	14S	-0.91	7		16	7	10S	-0.79	10	
15	10	15S	-0.91	8		16	7	12S	0.34	21	
15	10	15S	0.18	10		16	8	11S	-0.75	12	
15	13	15S	0.16	9		16	8	11S	0.36	9	
15	17	11S	0.36	9		16	8	12S	0.34	27	
15	18	11S	0.34	14		16	8	15S	0.16	13	
15	21	09S	0.41	8		16	9	10S	-0.75	25	
15	65	12S	-0.77	9		16	9	10S	0.29	10	
15	66	11S	-0.77	7		16	9	11S	-0.77	26	
15	66	12S	-0.73	8		16	9	11S	0.36	24	
15	66	14S	-0.77	9		16	9	12S	0.32	11	
15	67	11S	0.38	17		16	9	14S	-0.91	6	
15	67	12S	-0.72	16		16	10	11S	-0.75	10	
15	67	12S	0.36	30		16	10	11S	0.36	19	
15	67	14S	-0.8	10		16	11	15S	0.18	18	
15	70	09S	0.45	8		16	12	14S	0.14	13	
15	70	12S	0.43	8		16	14	14S	-0.95	7	
15	72	10S	0.43	10		16	23	11S	0.32	11	
15	75	11S	0.47	9		16	68	11S	0.41	7	
15	75	13S	-0.81	9		16	70	12S	-0.75	7	
15	75	14S	0.18	12		16	70	12S	0.39	7	
15	76	11S	-0.68	20		16	70	15S	-0.84	6	
15	76	12S	-0.61	19		16	71	10S	0.4	15	
15	76	12S	0.41	20		16	74	10S	0.41	12	
15	76	13S	0.32	14		16	74	11S	-0.7	7	
15	78	11S	-0.75	19		16	74	11S	0.45	11	
15	78	12S	-0.73	25		16	74	14S	-0.81	16	
15	78	12S	0.29	18		16	75	11S	-0.7	12	
15	78	13S	-0.76	13		16	75	11S	0.43	34	
15	80	12S	-0.73	17		16	76	11S	-0.68	10	
15	80	12S	0.34	16		16	76	11S	0.43	16	
15	80	13S	0.34	15		16	76	12S	-0.7	15	
15	80	14S	-0.8	13		16	76	12S	0.34	18	
15	80	14S	0.15	7		16	77	12S	-0.67	22	
16	1	12S	-0.71	22		16	77	12S	0.38	27	
16	1	12S	0.37	10		16	77	13S	0.34	16	
16	2	12S	-0.73	12		17	1	11S	-0.79	11	
16	5	12S	0.17	15		17	1	12S	-0.79	9	
16	6	10S	-0.72	17		17	2	11S	-0.82	9	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
17	2	14S	0.15	8		18	6	14S	0.23	10	
17	3	11S	-0.73	13		18	7	10S	-0.72	21	
17	6	11S	-0.72	12		18	7	11S	0.34	14	
17	6	11S	0.36	17		18	7	15S	0.16	8	
17	6	14S	0.21	7		18	8	09S	0.25	11	
17	8	10S	-0.75	7		18	8	11S	-0.75	13	
17	8	11S	0.34	19		18	8	11S	0.34	20	
17	8	15S	0.23	8		18	8	12S	0.32	13	
17	9	11S	-0.77	10		18	9	10S	-0.75	23	
17	9	11S	0.39	23		18	9	11S	-0.82	13	
17	9	15S	-0.87	16		18	9	11S	0.32	14	
17	9	15S	0.14	15		18	9	12S	0.34	11	
17	10	10S	-0.74	11		18	9	14S	-0.91	6	
17	10	11S	-0.79	6		18	10	10S	-0.75	14	
17	10	11S	0.36	17		18	10	11S	-0.75	13	
17	10	15S	0.16	12		18	10	11S	0.36	18	
17	11	11S	0.36	14		18	10	15S	0.16	11	
17	12	15S	0.18	10		18	11	11S	0.36	11	
17	15	14S	-0.84	9		18	11	14S	-0.79	12	
17	15	15S	-0.92	6		18	11	15S	0.16	18	
17	57	09S	0.41	9		18	12	14S	-0.88	8	
17	76	11S	0.43	10		18	12	15S	0.18	15	
17	77	10S	-0.7	8		18	14	10S	-0.82	6	
17	77	11S	-0.7	10		18	16	15S	0.16	12	
17	77	11S	0.41	38		18	21	09S	-0.76	14	
17	77	14S	-0.77	12		18	53	09S	0.38	9	
17	79	11S	-0.7	21		18	67	09S	-0.77	9	
17	79	11S	0.43	11		18	70	08S	0.38	7	
17	79	12S	-0.68	24		18	76	11S	0.41	9	
17	79	13S	0.37	19		18	77	14S	-0.73	31	
17	80	11S	-0.68	24		18	77	14S	0.34	16	
17	80	11S	0.41	17		18	78	11S	-0.7	6	
17	80	12S	-0.68	19		18	78	11S	0.38	26	
17	80	12S	0.39	12		18	79	11S	-0.67	22	
17	80	13S	-0.79	8		18	79	11S	0.38	37	
17	80	13S	0.36	16		18	79	12S	-0.7	15	
17	84	12S	-0.75	13		18	79	12S	0.29	24	
18	2	12S	0.39	13		18	79	14S	-0.82	19	
18	2	13S	-0.83	8		18	79	14S	0.16	10	
18	3	12S	0.32	9		18	80	11S	-0.65	12	

TMI-1 Steam Generator Tube Inspection Report (T1R22)
Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
18	80	11S	0.43	8		19	11	14S	-0.91	14	
18	80	12S	0.41	12		19	12	10S	0.36	11	
18	81	11S	0.38	32		19	12	11S	-0.72	13	
18	81	12S	-0.7	15		19	12	11S	0.34	26	
18	81	12S	0.34	29		19	12	15S	0.2	7	
18	81	13S	0.32	18		19	13	10S	-0.79	9	
18	82	11S	-0.65	31		19	13	11S	0.34	12	
18	82	11S	0.34	14		19	13	14S	-0.86	10	
18	82	12S	-0.68	16		19	15	14S	-0.93	8	
18	82	12S	0.41	23		19	15	14S	-0.82	12	
18	82	13S	-0.7	7		19	17	09S	-0.77	9	
18	82	13S	0.38	15		19	24	09S	-0.79	7	
18	83	10S	0.39	22		19	74	08S	0.38	7	
18	83	11S	-0.66	41		19	79	11S	0.43	17	
18	83	12S	-0.68	25		19	79	14S	-0.79	27	
18	83	12S	0.24	14		19	80	11S	0.41	19	
18	83	13S	-0.75	20		19	80	14S	0.29	17	
18	83	13S	0.39	12		19	83	11S	-0.65	13	
18	83	14S	-0.76	10		19	83	11S	0.38	28	
18	85	10S	0.39	22		19	84	11S	-0.67	18	
18	85	12S	-0.71	13		19	84	11S	0.41	21	
18	85	12S	0.29	6		19	85	10S	0.43	20	
19	3	14S	0.17	13		19	85	11S	-0.65	34	
19	4	14S	0.18	13		19	85	11S	0.32	12	
19	5	11S	-0.76	17		19	85	12S	-0.7	15	
19	5	11S	0.38	13		19	87	11S	-0.73	20	
19	5	12S	0.36	9		19	87	12S	-0.75	18	
19	5	13S	-0.87	19		19	87	13S	-0.76	13	
19	6	12S	0.29	11		19	87	13S	0.19	26	
19	7	12S	0.27	11		19	88	10S	0.39	15	
19	8	10S	-0.72	13		19	88	11S	-0.75	7	
19	8	11S	0.34	6		20	1	11S	-0.73	8	
19	9	11S	0.34	25		20	1	14S	0.2	12	
19	9	15S	0.09	15		20	2	11S	-0.78	19	
19	10	10S	-0.77	9		20	2	14S	0.22	14	
19	10	11S	-0.79	10		20	3	14S	0.15	9	
19	10	11S	0.34	18		20	4	11S	-0.75	10	
19	10	14S	-0.86	10		20	4	11S	0.34	10	
19	11	11S	-0.82	8		20	4	14S	-0.91	8	
19	11	11S	0.34	22		20	5	11S	0.36	16	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
20	6	11S	0.32	11		21	8	11S	0.34	11	
20	7	11S	0.36	11		21	9	10S	-0.73	25	
20	8	11S	0.34	13		21	9	11S	0.34	18	
20	8	15S	-0.87	11		21	9	15S	0.16	11	
20	9	09S	0.39	9		21	10	09S	0.36	6	
20	9	11S	0.39	12		21	10	11S	0.32	17	
20	9	14S	-0.86	8		21	10	14S	-0.95	6	
20	10	10S	-0.72	8		21	11	11S	0.32	24	
20	10	11S	0.34	14		21	11	15S	0.18	11	
20	10	15S	0.14	15		21	12	11S	0.32	8	
20	11	10S	-0.73	10		21	14	11S	0.32	17	
20	11	11S	0.34	19		21	14	15S	0.18	9	
20	12	11S	0.32	16		21	35	08S	0.34	9	
20	31	10S	-0.81	7		21	39	08S	0.53	14	
20	37	08S	0.54	9		21	43	09S	0.36	7	
20	44	08S	0.49	14		21	44	08S	0.52	9	
20	48	08S	0.36	14		21	52	07S	0.52	7	
20	54	07S	0.58	9		21	52	08S	0.49	15	
20	54	09S	0.38	10		21	53	08S	0.38	12	
20	56	08S	0.55	12		21	55	07S	0.56	13	
20	80	14S	-0.82	10		21	58	07S	0.56	15	
20	81	11S	0.39	29		21	58	08S	-0.72	10	
20	82	11S	-0.7	19		21	61	08S	0.32	12	
20	82	11S	0.38	29		21	61	09S	0.41	10	
20	82	14S	-0.75	10		21	63	07S	0.54	9	
20	85	11S	-0.71	16		21	81	14S	-0.76	10	
20	85	11S	0.43	29		21	82	10S	-0.72	7	
20	86	11S	-0.7	12		21	82	11S	0.41	12	
20	86	11S	0.41	32		21	82	12S	0.43	8	
20	87	11S	-0.75	19		21	86	11S	-0.7	10	
20	87	12S	-0.73	12		21	86	11S	0.38	44	
21	1	13S	-0.78	12		21	87	11S	0.43	15	
21	1	14S	0.2	16		21	90	11S	-0.75	18	
21	2	14S	0.22	17		21	90	12S	-0.73	17	
21	3	14S	-0.86	8		21	90	12S	0.41	14	
21	5	14S	0.16	7		21	90	13S	-0.76	12	
21	6	14S	0.21	7		21	90	14S	0.12	19	
21	7	12S	0.3	12		22	1	11S	-0.73	9	
21	7	15S	0.16	21		22	1	13S	-0.86	9	
21	8	10S	-0.79	7		22	2	10S	-0.78	10	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
22	2	11S	-0.76	21		22	53	08S	0.36	12	
22	2	14S	-0.76	10		22	57	09S	0.38	7	
22	2	14S	0.17	16		22	58	08S	0.38	15	
22	3	11S	-0.76	18		22	60	07S	0.54	17	
22	3	14S	0.24	7		22	60	08S	-0.7	15	
22	4	14S	0.25	9		22	60	11S	0.25	10	
22	5	14S	-0.89	9		22	62	08S	0.54	17	
22	5	14S	0.13	8		22	62	09S	0.38	12	
22	6	10S	-0.77	8		22	63	07S	0.54	16	
22	6	11S	-0.68	7		22	63	08S	-0.72	21	
22	6	11S	0.34	7		22	63	08S	0.36	13	
22	6	14S	0.16	9		22	63	09S	-0.75	8	
22	7	11S	-0.77	12		22	63	09S	0.39	8	
22	7	11S	0.32	19		22	64	08S	0.54	9	
22	7	13S	-0.91	7		22	65	08S	0.54	9	
22	8	10S	-0.74	27		22	67	07S	0.52	7	
22	8	12S	0.27	10		22	67	08S	-0.72	17	
22	8	14S	0.18	7		22	69	09S	0.41	9	
22	9	11S	0.32	17		22	84	11S	0.37	12	
22	9	12S	0.27	18		22	85	11S	0.38	15	
22	9	15S	0.18	17		22	86	11S	-0.7	11	
22	10	10S	-0.77	13		22	86	11S	0.39	35	
22	10	11S	-0.82	6		22	86	14S	-0.72	10	
22	10	11S	0.34	16		22	87	11S	0.38	32	
22	11	10S	-0.7	11		22	88	11S	0.41	20	
22	11	11S	0.32	18		22	89	11S	0.36	33	
22	11	12S	0.27	9		22	90	11S	0.43	29	
22	11	15S	0.18	17		22	91	11S	-0.7	22	
22	12	11S	-0.75	9		22	91	11S	0.29	18	
22	12	11S	0.32	17		22	92	11S	-0.66	13	
22	12	15S	0.16	16		22	92	12S	-0.7	10	
22	27	08S	0.47	12		22	92	12S	0.27	18	
22	33	08S	0.36	13		23	1	11S	-0.73	13	
22	45	08S	0.54	6		23	1	13S	-0.81	9	
22	46	07S	0.58	10		23	2	11S	-0.73	13	
22	46	08S	-0.75	19		23	2	13S	-0.76	13	
22	47	08S	0.36	14		23	2	14S	0.22	12	
22	51	08S	-0.74	10		23	6	15S	0.14	21	
22	52	08S	0.36	9		23	7	11S	-0.79	8	
22	53	08S	-0.74	10		23	7	11S	0.32	11	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
23	8	10S	-0.61	33		23	64	08S	-0.65	13	
23	8	10S	-0.18	10		23	64	08S	0.38	13	
23	8	11S	0.3	14		23	64	09S	0.36	7	
23	8	15S	0.11	11		23	65	08S	0.5	8	
23	9	09S	0.32	6		23	66	08S	0.54	13	
23	9	11S	-0.7	15		23	68	07S	0.54	23	
23	9	11S	0.29	20		23	68	08S	-0.65	14	
23	9	15S	-0.78	11		23	68	08S	0.38	23	
23	10	09S	0.32	10		23	68	09S	0.38	9	
23	10	10S	-0.77	23		23	69	08S	0.36	7	
23	10	12S	0.25	16		23	69	09S	0.41	9	
23	10	14S	-0.88	10		23	71	08S	0.36	8	
23	11	11S	-0.79	7		23	85	10S	-0.68	8	
23	11	11S	0.32	23		23	85	11S	0.39	15	
23	12	11S	-0.82	7		23	86	11S	0.36	27	
23	12	11S	0.32	11		23	88	10S	-0.7	10	
23	38	07S	0.49	9		23	88	11S	0.36	39	
23	42	08S	0.54	6		23	88	14S	-0.73	15	
23	43	07S	0.56	11		23	89	11S	0.41	11	
23	43	08S	-0.76	18		23	92	11S	-0.68	10	
23	43	08S	0.36	17		23	93	11S	-0.68	27	
23	43	09S	-0.63	8		23	93	12S	-0.71	10	
23	43	09S	0.38	7		23	93	12S	0.22	21	
23	45	07S	0.56	8		23	93	13S	-0.75	9	
23	46	08S	0.36	12		23	94	12S	-0.71	19	
23	47	08S	-0.76	11		23	94	13S	-0.8	17	
23	47	08S	0.4	21		24	2	11S	-0.73	11	
23	47	09S	-0.8	7		24	4	14S	0.18	10	
23	50	08S	0.38	9		24	5	11S	-0.77	8	
23	52	08S	-0.72	9		24	6	11S	-0.77	9	
23	52	08S	0.36	11		24	6	15S	0.18	8	
23	54	07S	0.6	11		24	7	11S	-0.77	9	
23	54	08S	-0.76	8		24	7	11S	0.29	13	
23	54	08S	0.38	21		24	7	14S	0.21	6	
23	60	08S	0.43	11		24	8	11S	-0.82	12	
23	61	08S	-0.74	13		24	8	11S	0.27	16	
23	61	08S	0.38	21		24	8	15S	0.18	12	
23	61	09S	-0.79	8		24	9	09S	0.25	11	
23	62	08S	0.38	9		24	9	11S	-0.77	18	
23	64	07S	0.52	8		24	9	11S	0.32	14	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location						Location					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
24	10	10S	-0.72	10		24	86	11S	0.43	9	
24	10	11S	0.27	12		24	87	11S	0.4	8	
24	11	11S	0.29	15		24	89	11S	-0.67	9	
24	14	10S	-0.79	8		24	90	11S	-0.7	27	
24	14	11S	0.27	15		24	90	11S	0.27	11	
24	18	09S	-0.79	15		24	90	14S	-0.93	9	
24	35	08S	0.34	13		24	91	12S	-0.75	11	
24	37	07S	0.53	9		24	91	12S	0.17	9	
24	37	08S	0.34	19		24	91	13S	-0.73	10	
24	38	07S	0.53	16		25	4	11S	-0.77	10	
24	38	08S	-0.73	11		25	4	14S	0.18	11	
24	38	08S	0.36	24		25	5	11S	-0.77	15	
24	41	08S	0.36	13		25	5	12S	0.25	13	
24	42	07S	0.53	20		25	5	14S	0.18	5	
24	42	08S	-0.69	20		25	7	10S	-0.7	13	
24	42	08S	0.34	22		25	7	11S	0.27	10	
24	42	09S	-0.71	16		25	8	09S	0.39	9	
24	42	09S	0.36	9		25	8	10S	0.32	15	
24	46	08S	0.4	9		25	8	11S	-0.84	12	
24	47	07S	0.58	9		25	8	11S	0.3	16	
24	47	08S	-0.74	7		25	9	09S	0.39	6	
24	47	08S	0.41	23		25	9	10S	-0.77	6	
24	47	09S	-0.81	8		25	9	11S	0.3	15	
24	51	07S	0.54	7		25	9	15S	0.18	13	
24	51	08S	-0.78	9		25	10	11S	0.3	12	
24	51	08S	0.38	13		25	10	15S	0.18	10	
24	53	07S	0.54	13		25	11	14S	0.11	9	
24	53	08S	-0.72	19		25	12	10S	-0.75	6	
24	53	08S	0.4	19		25	12	11S	0.23	23	
24	53	09S	-0.76	7		25	13	11S	0.36	6	
24	55	07S	0.53	9		25	15	10S	-0.84	7	
24	55	08S	-0.74	8		25	31	08S	-0.79	8	
24	55	08S	0.34	14		25	33	07S	0.54	13	
24	57	08S	0.38	9		25	33	08S	-0.77	14	
24	59	08S	-0.76	13		25	33	09S	-0.77	5	
24	62	08S	-0.72	8		25	33	11S	0.23	5	
24	83	11S	0.38	12		25	34	08S	0.34	13	
24	84	14S	-0.75	14		25	35	07S	0.52	18	
24	84	14S	0.41	13		25	35	08S	-0.74	14	
24	85	14S	-0.77	17		25	35	08S	0.38	9	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
25	35	09S	-0.79	7		25	60	08S	-0.76	13	
25	35	09S	0.36	8		25	60	08S	0.29	16	
25	35	10S	-0.81	7		25	61	08S	0.36	6	
25	36	07S	0.58	7		25	65	07S	0.59	8	
25	36	08S	-0.76	12		25	65	08S	0.36	11	
25	36	08S	0.38	12		25	67	08S	-0.72	9	
25	39	08S	-0.71	12		25	70	08S	-0.74	11	
25	39	08S	0.38	23		25	88	14S	-0.84	17	
25	39	09S	-0.78	7		25	91	11S	0.41	12	
25	39	12S	-0.85	8		25	94	11S	-0.7	11	
25	40	07S	0.54	6		25	96	11S	-0.68	27	
25	40	08S	0.32	12		25	97	11S	-0.73	13	
25	41	08S	0.34	14		25	98	12S	0.41	12	
25	42	07S	0.54	9		26	2	11S	-0.73	19	
25	43	08S	-0.8	9		26	2	14S	0.12	10	
25	44	07S	0.58	8		26	7	11S	0.3	10	
25	45	07S	0.6	8		26	7	15S	0.18	9	
25	45	08S	-0.69	14		26	8	11S	0.27	11	
25	45	08S	0.36	24		26	9	09S	0.36	10	
25	46	07S	0.54	6		26	9	11S	0.3	12	
25	46	08S	-0.7	13		26	10	09S	0.39	6	
25	46	08S	0.41	9		26	10	11S	0.29	15	
25	46	09S	-0.77	8		26	12	11S	0.3	10	
25	47	08S	0.36	10		26	24	07S	0.54	5	
25	48	08S	0.4	6		26	28	09S	0.32	5	
25	50	08S	-0.78	6		26	29	08S	0.38	15	
25	50	08S	0.38	11		26	30	08S	0.52	7	
25	51	07S	0.56	9		26	30	09S	0.39	7	
25	51	08S	-0.73	15		26	32	07S	0.59	8	
25	52	08S	-0.76	8		26	32	08S	0.38	15	
25	55	07S	0.55	10		26	37	08S	-0.78	10	
25	55	08S	-0.67	12		26	41	08S	-0.74	16	
25	55	08S	0.4	10		26	41	08S	0.34	20	
25	56	07S	-0.61	14		26	41	09S	0.36	9	
25	56	07S	0.56	12		26	42	05S	0.49	7	
25	56	08S	0.38	10		26	43	07S	0.56	16	
25	58	07S	0.38	7		26	43	08S	-0.76	15	
25	58	08S	-0.65	12		26	43	09S	-0.69	9	
25	58	08S	0.36	7		26	47	05S	0.49	10	
25	60	07S	0.53	11		26	47	06S	-0.73	9	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
26	47	08S	0.4	14		27	10	11S	0.29	10	
26	54	07S	0.54	7		27	11	09S	0.39	8	
26	60	08S	-0.69	13		27	13	11S	0.27	8	
26	60	08S	0.38	7		27	24	09S	0.39	6	
26	61	07S	0.55	15		27	31	08S	-0.78	10	
26	61	08S	-0.73	26		27	31	08S	0.38	14	
26	61	09S	-0.71	11		27	32	05S	0.47	6	
26	62	07S	0.56	9		27	32	08S	-0.77	14	
26	62	08S	-0.72	12		27	34	08S	-0.74	13	
26	62	08S	0.34	19		27	40	08S	-0.76	7	
26	64	08S	0.4	10		27	41	08S	0.45	8	
26	65	07S	0.56	8		27	44	07S	0.54	7	
26	65	08S	-0.74	8		27	45	08S	0.29	16	
26	65	09S	-0.82	7		27	46	08S	-0.74	6	
26	68	08S	0.4	12		27	48	08S	-0.72	11	
26	69	07S	0.57	16		27	49	08S	-0.71	17	
26	69	08S	-0.72	9		27	49	08S	0.38	13	
26	69	08S	0.39	11		27	52	08S	-0.78	9	
26	69	09S	-0.7	10		27	56	08S	-0.65	8	
26	70	06S	0.47	6		27	56	08S	0.36	11	
26	71	08S	0.36	13		27	63	07S	0.43	8	
26	76	08S	0.38	11		27	63	08S	-0.7	17	
26	77	08S	0.36	17		27	63	08S	0.36	11	
26	78	08S	0.36	7		27	64	07S	0.58	9	
26	78	09S	0.4	11		27	64	08S	-0.72	26	
26	87	10S	-0.72	9		27	64	08S	0.34	9	
26	89	10S	-0.67	14		27	67	08S	-0.74	8	
26	91	14S	-0.73	10		27	67	08S	0.39	9	
26	92	08S	0.43	10		27	70	07S	0.56	8	
26	97	11S	-0.68	14		27	70	08S	-0.72	26	
26	98	11S	-0.75	23		27	70	08S	0.38	26	
26	98	11S	0.29	11		27	70	09S	-0.7	12	
26	98	14S	-0.98	10		27	71	07S	0.54	9	
26	98	14S	0.17	10		27	71	08S	-0.68	19	
26	99	12S	-0.73	28		27	71	08S	0.41	10	
27	1	11S	-0.76	10		27	73	07S	0.56	10	
27	1	12S	-0.76	13		27	73	08S	-0.68	18	
27	3	11S	-0.75	13		27	73	08S	0.36	17	
27	8	11S	0.32	8		27	74	08S	0.36	14	
27	9	11S	0.27	13		27	74	09S	-0.7	6	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
27	75	08S	0.38	7		28	49	08S	0.33	8	
27	76	07S	0.56	12		28	54	08S	-0.72	8	
27	76	08S	-0.74	11		28	56	08S	-0.74	7	
27	76	08S	0.4	13		28	56	08S	0.38	13	
27	77	08S	0.41	7		28	57	07S	0.55	12	
27	79	08S	0.52	8		28	57	08S	-0.75	17	
27	97	11S	0.45	14		28	57	08S	0.38	19	
27	98	12S	0.43	8		28	62	09S	0.41	6	
27	99	11S	-0.68	12		28	65	08S	-0.74	12	
27	99	11S	0.43	30		28	66	07S	0.49	15	
27	100	11S	-0.75	13		28	66	08S	-0.72	12	
27	100	11S	0.29	21		28	67	08S	0.54	12	
27	100	14S	0.19	8		28	68	07S	0.56	9	
27	101	11S	-0.66	11		28	68	08S	-0.7	16	
27	101	12S	0.24	15		28	68	08S	0.4	11	
27	102	11S	-0.78	11		28	71	07S	0.59	11	
28	1	12S	-0.76	8		28	71	08S	-0.74	26	
28	1	12S	0.34	13		28	71	08S	0.36	11	
28	3	14S	-0.85	9		28	72	08S	-0.69	12	
28	4	14S	0.21	12		28	74	08S	-0.74	10	
28	5	12S	0.27	10		28	98	10S	-0.67	8	
28	6	10S	-0.79	14		28	98	11S	0.41	17	
28	7	09S	0.48	10		28	98	12S	-0.7	12	
28	7	11S	-0.77	14		28	102	11S	-0.75	16	
28	7	11S	0.34	10		28	102	11S	0.29	13	
28	7	15S	0.18	7		28	103	14S	-0.93	12	
28	8	10S	0.36	9		28	103	14S	0.15	10	
28	8	11S	-0.77	21		29	1	11S	-0.76	11	
28	8	15S	0.14	10		29	2	11S	-0.73	13	
28	10	10S	-0.7	8		29	6	10S	-0.72	13	
28	10	14S	-0.93	6		29	7	10S	-0.72	6	
28	11	11S	0.27	10		29	7	12S	-0.79	7	
28	15	14S	-0.86	8		29	7	13S	-0.91	7	
28	28	08S	-0.77	7		29	8	11S	0.32	11	
28	44	08S	-0.74	9		29	25	08S	-0.76	7	
28	45	07S	0.53	12		29	29	08S	-0.74	6	
28	46	07S	0.58	9		29	31	07S	0.58	6	
28	46	08S	-0.74	16		29	31	08S	-0.79	7	
28	46	09S	0.38	7		29	31	08S	0.34	12	
28	49	08S	-0.71	8		29	33	08S	0.38	9	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
29	34	08S	0.36	12		29	83	08S	0.54	8	
29	35	08S	-0.74	10		29	94	14S	-0.79	9	
29	35	08S	0.38	8		29	94	14S	0.32	8	
29	36	07S	0.58	12		29	103	11S	-0.73	12	
29	36	08S	-0.76	16		29	103	11S	0.27	23	
29	36	08S	0.34	9		29	104	13S	-0.75	18	
29	36	09S	-0.69	15		30	1	11S	-0.68	34	
29	36	10S	0.31	10		30	2	11S	-0.78	12	
29	36	11S	0.27	9		30	2	11S	0.37	8	
29	38	08S	0.36	11		30	2	14S	0.17	8	
29	39	08S	0.38	10		30	4	14S	0.18	10	
29	39	09S	-0.79	5		30	5	10S	-0.79	8	
29	40	08S	-0.76	10		30	6	11S	0.3	12	
29	41	08S	-0.74	8		30	6	14S	-0.77	7	
29	42	08S	-0.78	16		30	7	11S	-0.72	11	
29	47	08S	-0.77	9		30	7	11S	0.25	9	
29	47	08S	0.36	11		30	8	09S	0.36	8	
29	49	07S	0.58	9		30	9	09S	0.36	6	
29	49	08S	-0.74	6		30	34	08S	0.53	15	
29	49	08S	0.34	12		30	35	08S	-0.74	9	
29	56	08S	0.38	10		30	37	08S	0.38	10	
29	58	07S	0.57	7		30	38	08S	-0.78	10	
29	59	08S	-0.67	9		30	40	07S	0.51	10	
29	59	08S	0.36	6		30	40	08S	-0.69	18	
29	60	08S	0.35	8		30	51	08S	-0.74	10	
29	67	08S	-0.74	20		30	51	08S	0.36	11	
29	67	08S	0.38	10		30	54	08S	-0.75	11	
29	68	08S	0.54	10		30	54	08S	0.33	11	
29	70	08S	0.52	11		30	55	07S	0.54	15	
29	72	07S	0.56	6		30	55	08S	-0.74	14	
29	72	08S	-0.68	12		30	55	08S	0.31	11	
29	72	08S	0.39	7		30	56	08S	0.38	10	
29	73	07S	0.51	17		30	60	07S	0.55	12	
29	73	08S	-0.72	23		30	60	08S	-0.68	20	
29	73	08S	0.4	24		30	60	08S	0.35	15	
29	75	08S	0.34	15		30	63	08S	-0.71	18	
29	76	08S	0.38	10		30	64	08S	-0.73	10	
29	78	08S	0.5	9		30	65	08S	-0.72	12	
29	80	08S	-0.72	7		30	65	08S	0.34	15	
29	81	08S	-0.74	14		30	68	08S	-0.61	9	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
30	74	07S	0.43	9		31	28	09S	0.34	9	
30	74	08S	-0.72	10		31	29	09S	0.36	6	
30	74	08S	0.41	12		31	34	07S	-0.54	13	
30	76	08S	-0.61	10		31	34	08S	-0.78	8	
30	77	08S	0.36	12		31	38	08S	0.38	13	
30	78	08S	0.39	11		31	49	08S	-0.78	9	
30	79	07S	0.58	8		31	49	08S	0.38	12	
30	79	08S	-0.73	10		31	51	08S	0.36	10	
30	81	07S	0.56	15		31	55	08S	0.4	10	
30	81	08S	0.42	16		31	63	08S	0.4	9	
30	82	08S	0.36	10		31	65	08S	0.39	8	
30	84	08S	0.56	9		31	66	08S	-0.76	16	
30	100	11S	0.43	10		31	67	08S	-0.59	13	
30	102	11S	0.43	8		31	72	08S	-0.72	16	
30	104	11S	-0.75	9		31	73	08S	0.5	11	
30	104	11S	0.29	23		31	76	08S	0.34	11	
30	105	13S	-0.34	18		31	77	08S	-0.76	11	
30	105	14S	0.12	9		31	77	08S	0.38	7	
31	2	10S	-0.71	17		31	96	09S	-0.74	17	
31	2	14S	-0.8	12		31	100	11S	0.42	12	
31	2	14S	0.22	6		31	101	11S	0.43	9	
31	3	14S	0.21	7		31	102	11S	0.42	15	
31	4	10S	-0.77	19		31	105	11S	0.27	20	
31	5	10S	-0.74	12		31	106	11S	-0.75	12	
31	5	11S	-0.77	9		32	2	14S	0.2	12	
31	5	14S	-0.93	16		32	3	13S	-0.82	10	
31	6	09S	0.36	12		32	3	14S	0.21	14	
31	6	12S	-0.82	8		32	4	11S	-0.82	10	
31	6	14S	0.14	10		32	4	12S	0.3	8	
31	7	09S	0.38	8		32	4	14S	0.14	14	
31	7	10S	0.34	8		32	5	11S	-0.75	10	
31	7	11S	-0.77	11		32	5	11S	0.32	7	
31	7	11S	0.3	9		32	6	11S	-0.79	12	
31	8	09S	0.36	10		32	6	11S	0.25	10	
31	8	14S	-0.91	7		32	6	14S	0.23	7	
31	8	15S	0.18	18		32	7	09S	0.38	6	
31	10	11S	0.2	8		32	7	10S	-0.79	6	
31	20	07S	0.56	10		32	7	10S	0.29	11	
31	21	09S	0.38	6		32	7	11S	-0.81	10	
31	27	09S	0.36	7		32	7	11S	0.3	9	

TMI-1 Steam Generator Tube Inspection Report (T1R22)
Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location TSP	Offset	% TW	Comment
32	8	09S	0.39	9	
32	9	10S	-0.79	18	
32	9	11S	-0.77	7	
32	9	11S	0.27	10	
32	16	15S	0.16	12	
32	22	09S	0.36	9	
32	24	09S	0.36	12	
32	25	08S	0.54	14	
32	25	09S	0.39	7	
32	26	08S	-0.76	9	
32	26	08S	0.38	12	
32	28	08S	-0.78	10	
32	29	08S	-0.79	8	
32	29	08S	0.38	6	
32	30	08S	-0.78	9	
32	30	08S	0.34	8	
32	30	09S	0.36	8	
32	32	08S	-0.78	10	
32	32	08S	0.36	18	
32	34	08S	-0.76	9	
32	37	08S	0.36	9	
32	38	08S	-0.75	11	
32	38	08S	0.4	15	
32	41	08S	-0.76	10	
32	41	08S	0.38	8	
32	52	08S	0.42	14	
32	55	07S	0.4	10	
32	55	08S	-0.74	9	
32	55	08S	0.4	9	
32	55	10S	-0.81	7	
32	56	08S	0.38	10	
32	57	07S	0.56	6	
32	57	08S	-0.74	6	
32	58	07S	0.55	8	
32	58	08S	-0.73	9	
32	59	08S	-0.73	9	
32	59	08S	0.31	9	
32	60	08S	-0.77	8	
32	63	08S	-0.76	10	
32	63	08S	0.36	11	

Row	Tube	Location TSP	Offset	% TW	Comment
32	65	08S	-0.74	10	
32	65	08S	0.36	9	
32	69	08S	-0.74	11	
32	69	08S	0.4	15	
32	70	08S	-0.77	8	
32	71	08S	-0.65	13	
32	75	08S	-0.72	7	
32	77	08S	-0.71	16	
32	79	08S	-0.72	13	
32	79	08S	0.4	15	
32	96	14S	-0.75	11	
32	100	08S	0.58	9	
32	101	11S	0.43	9	
32	102	11S	0.45	22	
32	102	12S	0.43	8	
32	105	11S	-0.68	10	
33	1	14S	0.12	10	
33	2	10S	-0.71	11	
33	3	11S	-0.77	7	
33	3	14S	0.2	11	
33	4	11S	0.23	11	
33	5	11S	-0.75	12	
33	5	11S	0.27	14	
33	5	14S	0.23	8	
33	6	09S	0.38	6	
33	6	11S	-0.75	12	
33	6	11S	0.3	11	
33	6	14S	-0.82	11	
33	6	14S	0.21	7	
33	7	11S	-0.77	11	
33	7	11S	0.3	12	
33	8	11S	-0.82	9	
33	8	11S	0.27	13	
33	8	15S	0.16	10	
33	9	14S	-0.84	9	
33	9	14S	0.18	6	
33	14	15S	-0.91	8	
33	23	08S	0.51	10	
33	23	09S	0.36	10	
33	24	08S	0.36	9	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
33	24	09S	0.36	7		33	99	14S	-0.75	29	
33	25	08S	0.34	13		33	100	14S	-0.77	29	
33	27	08S	0.4	10		33	101	11S	0.4	14	
33	44	08S	-0.78	10		33	102	10S	0.41	12	
33	44	08S	0.29	16		33	102	11S	0.41	15	
33	48	08S	-0.76	9		33	103	11S	0.43	14	
33	50	08S	-0.73	15		33	103	14S	-0.73	21	
33	52	08S	0.4	16		33	104	10S	-0.67	12	
33	58	07S	0.49	15		33	104	11S	0.43	23	
33	58	08S	-0.69	11		33	104	12S	-0.74	8	
33	61	05S	-0.66	7		33	105	10S	-0.67	12	
33	61	06S	-0.51	14		33	105	11S	0.43	13	
33	61	06S	0.58	8		33	105	12S	0.43	10	
33	61	07S	-0.71	10		33	107	11S	-0.75	16	
33	61	07S	0.42	15		33	107	11S	0.27	14	
33	61	08S	-0.71	19		34	1	11S	-0.73	21	
33	61	08S	0.36	15		34	3	10S	-0.73	12	
33	61	09S	-0.72	14		34	3	14S	0.17	12	
33	61	09S	0.32	16		34	4	14S	-0.86	8	
33	64	08S	0.38	9		34	5	10S	-0.68	9	
33	65	08S	-0.78	8		34	5	11S	0.27	11	
33	65	08S	0.38	6		34	6	15S	0.18	21	
33	67	08S	-0.74	10		34	7	09S	0.41	8	
33	69	08S	0.4	16		34	7	11S	0.3	15	
33	71	08S	-0.74	8		34	8	09S	0.36	6	
33	71	08S	0.43	15		34	8	11S	-0.77	17	
33	75	07S	0.54	15		34	9	11S	-0.79	9	
33	75	08S	-0.72	16		34	9	14S	-0.89	7	
33	75	08S	0.36	20		34	9	14S	0.14	8	
33	76	07S	0.59	8		34	13	11S	-0.73	9	
33	76	08S	-0.74	10		34	17	13S	0.16	9	
33	76	08S	0.36	19		34	20	09S	0.38	11	
33	78	08S	0.41	9		34	22	09S	0.36	5	
33	80	08S	-0.78	9		34	23	07S	0.54	9	
33	80	08S	0.38	12		34	24	07S	0.52	6	
33	82	08S	0.4	11		34	25	07S	0.56	11	
33	84	08S	-0.74	14		34	25	08S	-0.71	16	
33	84	08S	0.38	13		34	25	09S	-0.76	9	
33	85	07S	0.56	8		34	25	09S	0.36	9	
33	98	14S	-0.75	18		34	26	08S	-0.74	13	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
34	27	07S	-0.59	17		34	85	09S	-0.69	9	
34	27	07S	0.56	9		34	87	08S	-0.71	18	
34	27	08S	-0.76	16		34	100	14S	-0.81	8	
34	28	08S	0.54	13		34	101	10S	-0.79	7	
34	29	08S	-0.71	10		34	102	14S	-0.75	18	
34	29	08S	0.38	13		34	103	11S	0.43	8	
34	30	08S	-0.77	7		34	104	14S	-0.73	17	
34	30	08S	0.34	9		34	104	14S	0.43	12	
34	31	08S	-0.78	10		34	105	14S	-0.77	22	
34	31	08S	0.38	10		34	105	14S	0.36	23	
34	32	08S	0.34	11		34	106	10S	0.36	13	
34	54	08S	-0.74	8		34	106	11S	-0.72	9	
34	54	08S	0.41	9		34	106	11S	0.4	24	
34	56	08S	-0.76	12		34	106	12S	-0.72	10	
34	59	08S	-0.77	9		34	107	11S	0.45	12	
34	59	08S	0.38	9		34	110	11S	0.29	13	
34	61	08S	-0.73	15		35	2	10S	-0.73	9	
34	61	08S	0.38	12		35	2	11S	-0.73	10	
34	61	09S	-0.8	11		35	3	10S	-0.7	16	
34	61	09S	0.4	10		35	4	10S	0.34	7	
34	64	07S	0.58	10		35	4	11S	-0.72	9	
34	64	08S	0.36	9		35	4	11S	0.32	12	
34	67	08S	0.4	9		35	4	14S	0.18	8	
34	69	08S	-0.74	8		35	5	10S	-0.79	7	
34	69	08S	0.4	18		35	5	11S	0.32	9	
34	69	09S	-0.79	10		35	6	11S	0.3	20	
34	71	08S	0.4	18		35	7	09S	0.36	12	
34	73	08S	-0.76	10		35	7	15S	0.16	14	
34	73	08S	0.38	16		35	14	15S	0.11	8	
34	78	08S	-0.74	9		35	21	09S	0.36	6	
34	78	09S	-0.72	12		35	22	10S	-0.84	6	
34	80	08S	-0.76	7		35	23	08S	0.54	8	
34	80	08S	0.4	11		35	24	09S	0.36	6	
34	81	08S	-0.74	8		35	25	09S	0.36	8	
34	81	08S	0.4	10		35	29	08S	0.38	12	
34	81	09S	-0.71	7		35	33	08S	0.36	18	
34	82	07S	0.53	8		35	33	09S	-0.78	6	
34	84	08S	-0.69	12		35	33	09S	0.34	7	
34	85	08S	-0.71	14		35	35	08S	0.36	11	
34	85	08S	0.4	23		35	37	08S	0.4	10	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
35	41	08S	-0.78	7		35	108	11S	0.38	25	
35	41	08S	0.38	10		35	108	12S	0.38	10	
35	45	08S	0.36	8		35	109	11S	-0.68	9	
35	53	08S	-0.76	7		35	109	11S	0.45	13	
35	56	08S	-0.8	8		35	111	11S	-0.7	12	
35	56	08S	0.4	20		35	111	11S	0.32	24	
35	60	08S	0.4	16		35	112	10S	0.27	10	
35	60	09S	-0.78	9		36	2	12S	-0.71	10	
35	62	08S	0.42	12		36	4	10S	-0.77	6	
35	66	08S	0.38	12		36	4	11S	-0.75	11	
35	68	08S	0.41	12		36	4	11S	0.32	8	
35	68	09S	-0.79	7		36	4	14S	0.16	15	
35	70	08S	0.41	13		36	5	10S	-0.77	9	
35	72	08S	0.38	12		36	6	11S	-0.82	11	
35	74	08S	0.41	17		36	6	11S	0.27	16	
35	76	08S	0.36	11		36	6	12S	0.6	8	
35	81	08S	0.4	7		36	6	15S	0.16	13	
35	82	08S	-0.73	16		36	7	09S	-0.7	6	
35	82	08S	0.4	22		36	7	09S	0.36	6	
35	85	08S	-0.74	8		36	7	14S	0.18	10	
35	86	07S	0.56	9		36	8	09S	0.39	9	
35	87	08S	0.4	7		36	10	14S	0.18	7	
35	99	14S	-0.71	19		36	11	14S	0.14	7	
35	100	14S	-0.75	17		36	25	10S	-0.84	5	
35	100	14S	0.34	16		36	27	07S	0.47	7	
35	101	14S	-0.77	24		36	27	08S	-0.59	13	
35	101	14S	0.36	8		36	28	08S	0.34	12	
35	102	14S	-0.77	39		36	30	08S	-0.65	18	
35	103	14S	-0.77	25		36	30	08S	0.36	13	
35	103	14S	0.32	18		36	30	11S	0.27	6	
35	104	10S	-0.7	13		36	33	08S	-0.61	14	
35	104	14S	-0.77	17		36	33	08S	0.52	9	
35	104	14S	0.38	10		36	35	08S	-0.72	11	
35	105	10S	-0.68	12		36	35	08S	0.41	11	
35	105	11S	0.41	14		36	40	08S	-0.76	11	
35	105	14S	-0.73	15		36	40	08S	0.42	13	
35	105	14S	0.38	16		36	41	08S	-0.76	14	
35	108	10S	-0.67	13		36	41	08S	0.41	8	
35	108	10S	0.31	16		36	43	07S	0.56	8	
35	108	11S	-0.69	10		36	44	08S	-0.78	12	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
36	58	08S	0.4	13		37	4	14S	0.14	9	
36	60	08S	0.4	18		37	5	10S	-0.79	5	
36	61	08S	-0.69	11		37	5	11S	-0.84	8	
36	61	08S	0.43	13		37	5	14S	0.25	9	
36	75	08S	-0.74	7		37	6	11S	-0.75	7	
36	75	08S	0.36	7		37	6	11S	0.34	7	
36	77	07S	-0.63	12		37	6	12S	-0.79	18	
36	77	07S	0.59	7		37	6	12S	0.29	13	
36	79	08S	-0.68	9		37	7	09S	-0.66	6	
36	79	08S	0.38	14		37	7	11S	-0.79	13	
36	80	08S	-0.67	10		37	8	09S	0.41	7	
36	80	08S	0.4	16		37	9	15S	0.14	14	
36	82	08S	-0.78	9		37	14	10S	-0.86	7	
36	82	08S	0.38	9		37	28	08S	0.52	11	
36	85	08S	0.38	15		37	33	08S	0.38	18	
36	86	08S	-0.74	13		37	33	09S	0.38	7	
36	86	08S	0.38	19		37	38	08S	-0.74	8	
36	89	08S	0.4	10		37	38	08S	0.43	6	
36	90	08S	-0.65	8		37	45	08S	-0.69	15	
36	90	08S	0.36	11		37	48	06S	-0.61	7	
36	92	08S	-0.72	11		37	48	08S	-0.74	14	
36	102	14S	-0.79	13		37	48	08S	0.4	11	
36	102	14S	0.36	14		37	49	08S	-0.73	8	
36	103	10S	-0.75	11		37	55	08S	0.42	11	
36	105	14S	-0.75	30		37	56	07S	0.51	9	
36	105	14S	0.36	30		37	56	08S	-0.74	10	
36	106	11S	0.41	13		37	56	08S	0.38	11	
36	106	14S	-0.75	22		37	57	08S	-0.77	13	
36	107	10S	-0.65	6		37	57	08S	0.4	13	
36	109	11S	0.43	12		37	57	09S	-0.78	7	
36	112	11S	-0.73	8		37	57	09S	0.38	7	
36	112	11S	0.27	19		37	59	08S	0.42	18	
36	113	11S	-0.63	19		37	61	08S	-0.73	16	
36	113	11S	0.49	23		37	61	08S	0.4	16	
37	1	14S	0.2	10		37	61	09S	-0.78	7	
37	2	10S	-0.73	14		37	62	07S	0.58	8	
37	3	14S	0.18	12		37	62	08S	-0.67	10	
37	4	10S	-0.79	5		37	62	08S	0.4	10	
37	4	11S	0.32	9		37	62	09S	-0.78	6	
37	4	12S	-0.75	16		37	64	08S	-0.74	8	

TMI-1 Steam Generator Tube Inspection Report (T1R22)
Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location TSP	Offset	% TW	Comment
37	73	08S	0.36	12	
37	74	08S	-0.76	8	
37	74	08S	0.38	19	
37	78	08S	0.43	11	
37	79	08S	-0.7	7	
37	79	08S	0.41	11	
37	80	08S	-0.74	11	
37	80	08S	0.4	11	
37	81	08S	0.38	16	
37	83	08S	-0.76	12	
37	83	08S	0.38	16	
37	84	08S	0.4	12	
37	85	08S	-0.73	17	
37	85	08S	0.38	23	
37	85	09S	-0.78	7	
37	87	08S	-0.71	20	
37	87	08S	0.38	12	
37	88	08S	-0.7	16	
37	88	08S	0.38	10	
37	89	08S	0.42	10	
37	90	08S	-0.67	12	
37	90	08S	0.36	7	
37	91	06S	-0.69	7	
37	91	08S	-0.71	12	
37	91	08S	0.4	13	
37	92	08S	0.54	6	
37	93	08S	0.36	7	
37	94	08S	0.47	12	
37	102	07S	-0.41	7	
37	102	14S	-0.79	32	
37	102	14S	0.34	18	
37	102	15S	-0.84	7	
37	104	10S	-0.7	10	
37	104	11S	0.36	12	
37	104	14S	-0.77	32	
37	104	14S	0.34	24	
37	104	15S	-0.79	13	
37	105	14S	-0.77	23	
37	105	14S	0.34	19	
37	105	15S	-0.75	14	

Row	Tube	Location TSP	Offset	% TW	Comment
37	106	11S	0.43	9	
37	106	14S	-0.77	19	
37	106	14S	0.34	16	
37	106	15S	-0.75	11	
37	107	11S	0.43	9	
37	107	14S	-0.73	20	
37	107	14S	0.39	19	
37	107	15S	-0.75	10	
37	110	11S	0.43	24	
37	111	11S	0.45	13	
37	114	11S	-0.63	17	
37	114	11S	0.49	31	
38	3	11S	0.29	9	
38	3	14S	0.18	11	
38	4	10S	-0.73	10	
38	4	11S	-0.75	9	
38	4	11S	0.32	17	
38	4	14S	0.16	12	
38	5	10S	-0.79	9	
38	5	11S	-0.79	8	
38	6	11S	-0.82	9	
38	7	09S	0.34	10	
38	7	11S	-0.79	9	
38	8	11S	-0.84	7	
38	9	15S	0.18	8	
38	21	09S	0.34	7	
38	24	07S	0.52	6	
38	25	09S	0.38	7	
38	28	08S	-0.59	10	
38	28	08S	0.52	6	
38	29	08S	0.38	7	
38	29	09S	0.34	7	
38	30	08S	-0.74	12	
38	30	08S	0.36	11	
38	31	09S	0.34	7	
38	32	08S	0.54	5	
38	33	08S	0.36	19	
38	34	08S	0.54	13	
38	35	08S	0.38	15	
38	37	08S	-0.76	10	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

<u>Row</u>	<u>Tube</u>	<u>Location</u> <u>TSP</u>	<u>Offset</u>	<u>%</u> <u>TW</u>	<u>Comment</u>
38	37	08S	0.36	17	
38	43	08S	-0.78	8	
38	44	08S	0.36	11	
38	50	08S	0.38	5	
38	52	08S	-0.78	9	
38	52	09S	-0.79	6	
38	57	07S	0.44	14	
38	57	08S	-0.71	22	
38	57	08S	0.42	11	
38	57	09S	-0.73	14	
38	57	09S	0.33	28	
38	60	08S	0.43	10	
38	65	08S	-0.75	12	
38	66	08S	-0.78	8	
38	67	08S	-0.66	23	
38	67	08S	0.4	13	
38	69	08S	0.38	11	
38	70	09S	-0.79	8	
38	73	08S	-0.74	9	
38	74	08S	-0.71	10	
38	75	08S	0.41	10	
38	79	08S	-0.72	6	
38	79	08S	0.39	9	
38	82	08S	-0.77	8	
38	82	08S	0.41	7	
38	84	08S	0.4	11	
38	86	08S	-0.74	9	
38	87	07S	-0.58	14	
38	87	07S	0.6	8	
38	88	08S	-0.74	7	
38	103	14S	-0.79	23	
38	103	14S	0.32	20	
38	104	11S	0.36	11	
38	104	14S	-0.77	11	
38	106	14S	0.32	8	
38	108	10S	-0.7	14	
38	108	10S	0.38	16	
38	108	11S	0.39	15	
38	108	14S	-0.73	13	
38	108	14S	0.34	17	

<u>Row</u>	<u>Tube</u>	<u>Location</u> <u>TSP</u>	<u>Offset</u>	<u>%</u> <u>TW</u>	<u>Comment</u>
38	108	15S	-0.75	12	
38	111	10S	-0.68	8	
38	111	10S	0.41	14	
38	111	11S	0.45	15	
38	112	10S	-0.7	9	
38	112	11S	-0.7	10	
38	112	11S	0.43	24	
38	115	11S	-0.63	11	
39	1	06S	-0.68	7	
39	1	10S	-0.73	11	
39	1	11S	-0.75	10	
39	4	10S	-0.75	13	
39	4	14S	0.21	8	
39	5	09S	0.39	11	
39	5	14S	0.2	17	
39	6	13S	-0.91	7	
39	6	14S	-0.88	7	
39	7	09S	0.34	12	
39	7	11S	-0.79	19	
39	7	14S	0.23	10	
39	8	09S	0.36	9	
39	8	11S	0.27	9	
39	8	15S	0.14	8	
39	9	11S	0.3	14	
39	9	14S	-0.91	10	
39	11	15S	0.09	7	
39	23	08S	0.56	8	
39	30	08S	0.34	9	
39	31	08S	0.36	7	
39	31	09S	0.36	7	
39	33	08S	-0.63	13	
39	33	08S	0.49	13	
39	34	08S	0.29	6	
39	35	08S	0.38	18	
39	36	08S	0.38	10	
39	40	08S	0.43	8	
39	42	08S	-0.76	10	
39	42	08S	0.36	7	
39	43	08S	0.4	10	
39	44	08S	-0.72	16	

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
39	44	08S	0.43	9		39	112	10S	-0.68	9	
39	48	08S	-0.77	11		39	112	10S	0.36	11	
39	56	08S	-0.7	10		39	112	11S	-0.72	9	
39	56	09S	0.4	11		39	112	11S	0.45	15	
39	69	08S	-0.72	13		39	112	12S	0.45	9	
39	69	08S	0.41	11		39	113	10S	0.43	9	
39	69	09S	-0.72	9		39	113	11S	0.47	10	
39	69	09S	0.38	12		39	114	10S	-0.68	16	
39	70	08S	-0.67	13		39	116	11S	-0.61	17	
39	70	08S	0.34	13		40	1	14S	0.17	9	
39	71	08S	0.39	9		40	2	10S	-0.7	11	
39	73	08S	0.41	10		40	2	14S	-0.7	8	
39	74	06S	-0.58	12		40	2	14S	0.17	12	
39	74	06S	0.56	12		40	3	11S	0.27	10	
39	74	07S	-0.63	11		40	4	09S	0.41	11	
39	74	07S	0.56	22		40	5	09S	0.34	10	
39	74	08S	-0.72	17		40	5	10S	0.32	7	
39	74	09S	-0.72	10		40	5	14S	-0.81	11	
39	74	09S	0.4	12		40	5	14S	0.23	13	
39	76	08S	-0.74	12		40	5	15S	0.18	17	
39	76	08S	0.4	15		40	6	08S	0.45	8	
39	77	07S	0.56	6		40	9	15S	0.18	7	
39	77	08S	-0.75	11		40	21	08S	-0.58	13	
39	77	08S	0.39	13		40	22	09S	0.34	11	
39	79	07S	-0.59	14		40	25	08S	0.54	8	
39	80	08S	0.43	8		40	26	08S	0.54	7	
39	88	08S	-0.76	12		40	26	09S	0.36	9	
39	90	08S	-0.73	10		40	30	08S	-0.52	9	
39	90	08S	0.36	8		40	30	08S	0.45	9	
39	91	08S	0.4	9		40	63	08S	0.43	20	
39	95	08S	-0.76	8		40	68	08S	-0.77	7	
39	104	14S	0.32	11		40	80	08S	-0.74	9	
39	106	14S	-0.77	11		40	80	09S	-0.78	7	
39	107	15S	-0.79	11		40	80	09S	0.4	7	
39	107	15S	0.39	15		40	82	08S	-0.74	11	
39	108	14S	0.41	6		40	82	08S	0.4	20	
39	108	15S	-0.79	8		40	83	08S	0.38	8	
39	109	12S	0.43	10		40	84	08S	0.38	17	
39	111	10S	0.38	11		40	91	07S	-0.61	14	
39	111	11S	0.41	15		40	91	08S	-0.67	8	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
40	91	08S	0.43	7		41	85	08S	-0.72	13	
40	92	08S	-0.73	11		41	90	08S	0.36	11	
40	92	08S	0.4	10		41	91	07S	0.58	6	
40	94	07S	0.58	11		41	91	08S	-0.74	12	
40	94	08S	-0.69	20		41	92	08S	-0.77	9	
40	94	09S	-0.71	9		41	94	08S	0.42	8	
40	95	06S	-0.72	7		41	95	08S	-0.74	15	
40	95	08S	-0.72	15		41	95	08S	0.4	14	
40	95	08S	0.41	10		41	95	09S	-0.81	8	
40	107	14S	-0.84	12		41	96	08S	0.38	18	
40	107	14S	0.41	9		41	100	08S	0.4	10	
40	109	14S	-0.77	13		41	106	14S	-0.81	11	
40	109	14S	0.41	12		41	106	14S	0.23	14	
40	109	15S	-0.77	9		41	108	11S	0.41	8	
40	109	15S	0.41	10		42	2	14S	-0.82	15	
40	111	10S	-0.65	17		42	2	14S	0.17	15	
40	112	11S	0.45	11		42	3	14S	-0.88	8	
41	1	06S	-0.71	9		42	4	09S	0.41	10	
41	1	10S	-0.76	10		42	5	15S	0.18	30	
41	2	10S	-0.73	7		42	6	15S	0.21	10	
41	2	14S	-0.8	14		42	19	09S	0.34	7	
41	2	14S	0.19	10		42	21	09S	0.34	8	
41	4	14S	-0.84	9		42	22	09S	0.34	8	
41	4	14S	0.23	13		42	23	08S	0.36	9	
41	5	11S	0.34	12		42	25	07S	0.58	7	
41	6	15S	0.21	9		42	25	08S	-0.6	14	
41	8	15S	0.16	11		42	25	08S	0.51	11	
41	19	08S	0.52	6		42	25	09S	-0.78	8	
41	26	08S	0.34	15		42	26	07S	0.56	7	
41	27	08S	-0.77	11		42	26	08S	-0.76	10	
41	27	09S	0.36	4		42	26	08S	0.34	17	
41	30	09S	0.38	9		42	26	09S	-0.79	6	
41	32	08S	0.33	15		42	28	09S	0.32	7	
41	32	09S	0.36	8		42	29	09S	-0.74	9	
41	37	08S	0.52	10		42	29	09S	0.34	7	
41	38	08S	0.38	18		42	30	09S	0.34	7	
41	64	08S	0.43	15		42	32	08S	0.49	7	
41	68	08S	-0.76	14		42	36	07S	-0.63	11	
41	78	08S	-0.74	7		42	41	08S	-0.78	15	
41	84	08S	0.38	12		42	62	08S	0.43	14	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
42	67	08S	0.43	9		43	24	08S	-0.59	13	
42	69	08S	0.38	11		43	25	07S	0.56	9	
42	74	06S	0.61	7		43	25	08S	0.54	9	
42	74	07S	-0.75	6		43	25	09S	-0.72	8	
42	74	07S	0.43	16		43	25	09S	0.34	7	
42	74	08S	-0.7	10		43	26	08S	0.36	7	
42	74	08S	0.43	10		43	27	08S	0.36	10	
42	74	09S	-0.79	8		43	30	08S	-0.56	7	
42	74	09S	0.41	10		43	32	08S	-0.63	9	
42	75	08S	0.4	13		43	34	08S	0.36	10	
42	82	07S	-0.74	13		43	36	08S	-0.76	16	
42	82	08S	-0.75	9		43	36	08S	0.31	11	
42	82	08S	0.38	7		43	37	07S	0.58	8	
42	83	08S	-0.7	10		43	37	08S	-0.76	19	
42	83	08S	0.36	13		43	65	08S	0.42	11	
42	85	08S	0.33	8		43	67	08S	0.38	15	
42	88	08S	-0.76	10		43	70	08S	0.42	12	
42	88	08S	0.38	10		43	72	08S	-0.74	7	
42	90	08S	0.4	10		43	72	08S	0.42	12	
42	91	08S	-0.62	10		43	73	08S	0.43	15	
42	92	08S	-0.72	13		43	77	08S	0.43	12	
42	107	11S	-0.68	13		43	78	08S	0.4	14	
42	107	11S	0.38	19		43	83	08S	0.45	7	
42	107	15S	0.41	10		43	85	08S	0.38	15	
42	108	10S	-0.72	9		43	88	08S	-0.73	11	
42	111	10S	-0.65	20		43	88	08S	0.33	12	
42	111	11S	0.41	9		43	89	08S	-0.76	12	
42	112	12S	0.37	19		43	90	08S	-0.71	8	
43	2	09S	-0.69	7		43	91	08S	-0.74	9	
43	2	14S	-0.76	10		43	91	08S	0.36	8	
43	3	10S	0.36	8		43	93	08S	-0.72	7	
43	3	14S	-0.86	7		43	93	08S	0.36	14	
43	3	14S	0.18	10		43	94	08S	-0.71	9	
43	4	09S	0.45	9		43	111	11S	0.41	10	
43	4	14S	-0.86	7		43	111	15S	0.41	7	
43	5	14S	-0.9	15		43	112	11S	-0.67	19	
43	5	15S	0.23	10		43	112	11S	0.4	27	
43	6	14S	-0.84	16		43	113	10S	-0.68	11	
43	19	09S	0.34	6		43	113	12S	-0.7	8	
43	22	08S	-0.52	12		43	114	10S	0.36	16	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		TW	Comment	Row	Tube	Location		TW	Comment
		TSP	Offset					TSP	Offset		
43	114	11S	-0.65	11		44	84	08S	-0.69	14	
43	114	11S	0.45	24		44	86	08S	0.4	8	
43	115	10S	-0.7	16		44	95	08S	-0.72	8	
43	116	12S	-0.7	20		44	96	08S	-0.71	10	
44	1	09S	-0.76	10		44	97	08S	-0.72	10	
44	1	10S	-0.73	15		44	100	08S	0.38	8	
44	4	09S	0.38	16		44	112	14S	-0.76	15	
44	4	11S	0.31	6		44	113	10S	-0.72	10	
44	5	14S	-0.75	19		44	114	10S	-0.69	9	
44	5	15S	0.18	26		45	1	14S	-0.76	13	
44	6	13S	-0.82	7		45	1	14S	0.15	16	
44	6	14S	-0.79	22		45	3	09S	0.38	12	
44	6	15S	-0.91	8		45	4	09S	0.41	10	
44	6	15S	0.18	28		45	4	11S	0.31	11	
44	7	08S	0.43	11		45	4	14S	-0.86	16	
44	11	14S	-0.91	5		45	4	14S	0.2	12	
44	26	08S	0.34	12		45	4	15S	0.2	12	
44	28	09S	0.38	8		45	5	09S	0.41	17	
44	29	09S	0.36	7		45	5	11S	0.32	8	
44	30	09S	0.36	6		45	5	14S	-0.83	11	
44	61	08S	0.4	7		45	5	15S	0.16	20	
44	62	09S	0.4	7		45	15	09S	0.38	9	
44	63	08S	0.4	11		45	25	08S	-0.58	12	
44	65	08S	0.42	6		45	25	09S	-0.74	14	
44	67	08S	0.4	10		45	26	08S	0.52	5	
44	69	08S	-0.76	8		45	26	09S	0.38	7	
44	69	08S	0.4	16		45	27	08S	-0.78	11	
44	70	08S	0.43	6		45	27	08S	0.36	13	
44	71	08S	0.43	9		45	27	09S	0.36	6	
44	73	08S	0.38	9		45	29	09S	0.34	9	
44	74	08S	0.4	12		45	31	08S	-0.76	11	
44	75	08S	0.45	9		45	32	09S	0.34	6	
44	77	08S	0.41	7		45	33	08S	-0.76	12	
44	78	08S	0.34	14		45	63	08S	0.41	7	
44	79	08S	0.41	12		45	68	08S	0.42	10	
44	80	08S	0.42	16		45	70	08S	-0.74	7	
44	81	08S	-0.65	7		45	70	08S	0.43	8	
44	81	08S	0.41	12		45	70	09S	-0.76	8	
44	83	08S	-0.74	9		45	72	08S	0.38	13	
44	83	08S	0.41	7		45	73	08S	0.42	17	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
45	76	08S	-0.72	6		46	6	09S	0.41	14	
45	76	08S	0.38	8		46	6	11S	0.32	10	
45	76	09S	-0.72	7		46	6	14S	-0.82	11	
45	77	08S	0.42	9		46	6	15S	-0.77	14	
45	79	08S	0.42	8		46	6	15S	0.14	31	
45	80	08S	0.45	10		46	7	14S	-0.84	17	
45	81	08S	0.4	11		46	7	15S	0.11	21	
45	83	07S	-0.62	12		46	22	08S	-0.56	9	
45	83	08S	-0.76	8		46	22	08S	0.52	12	
45	84	07S	-0.61	13		46	22	09S	0.32	7	
45	84	07S	0.56	15		46	23	09S	0.36	13	
45	84	08S	-0.76	13		46	24	08S	0.47	6	
45	84	08S	0.38	14		46	24	09S	0.36	5	
45	90	08S	-0.74	10		46	25	09S	0.36	7	
45	90	08S	0.36	11		46	27	08S	0.34	16	
45	92	08S	-0.74	10		46	27	09S	-0.7	9	
45	94	08S	-0.74	13		46	27	09S	0.36	10	
45	97	08S	0.31	8		46	31	08S	0.41	10	
45	101	08S	0.54	7		46	33	08S	0.38	12	
45	112	10S	-0.68	9		46	38	08S	0.34	5	
45	113	11S	0.4	11		46	47	08S	-0.69	8	
45	113	14S	-0.79	9		46	68	08S	-0.78	7	
45	115	10S	-0.69	12		46	70	07S	-0.74	10	
45	116	11S	0.48	9		46	70	08S	-0.67	12	
45	118	11S	-0.7	24		46	70	09S	-0.78	6	
45	118	11S	0.41	9		46	74	08S	0.43	10	
45	118	12S	0.39	12		46	75	08S	0.43	12	
46	1	10S	-0.73	13		46	76	08S	0.36	7	
46	1	14S	-0.76	15		46	76	09S	-0.77	5	
46	1	14S	0.17	19		46	79	08S	-0.67	10	
46	2	14S	0.2	11		46	79	09S	-0.81	6	
46	3	10S	-0.79	12		46	82	07S	0.58	9	
46	3	14S	-0.86	10		46	82	08S	-0.72	5	
46	3	14S	0.23	10		46	82	08S	0.41	9	
46	4	11S	0.32	12		46	83	08S	-0.73	8	
46	4	14S	0.2	7		46	84	06S	-0.57	12	
46	4	15S	0.2	10		46	84	07S	0.36	24	
46	5	11S	0.29	8		46	84	08S	-0.72	25	
46	5	15S	0.16	26		46	84	08S	0.34	8	
46	6	08S	0.67	12		46	89	07S	-0.6	11	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
46	89	08S	0.4	14		47	4	14S	-0.86	13	
46	94	08S	-0.74	8		47	4	14S	0.23	13	
46	96	08S	-0.72	8		47	4	15S	-0.91	8	
46	103	08S	-0.73	8		47	4	15S	0.2	11	
46	105	10S	-0.79	13		47	5	10S	0.36	16	
46	111	10S	-0.72	13		47	5	11S	0.29	15	
46	112	10S	-0.68	8		47	5	14S	0.2	8	
46	112	10S	0.41	9		47	5	15S	0.16	16	
46	112	11S	0.32	10		47	6	11S	0.32	10	
46	113	10S	-0.7	14		47	6	15S	0.18	21	
46	113	10S	0.4	8		47	7	09S	0.36	12	
46	113	11S	-0.7	14		47	7	11S	0.29	16	
46	113	11S	0.36	24		47	7	14S	-0.88	11	
46	114	10S	-0.68	13		47	7	15S	0.2	19	
46	114	10S	0.41	8		47	22	08S	0.52	8	
46	114	11S	0.45	7		47	22	09S	-0.68	7	
46	115	10S	-0.67	11		47	23	08S	-0.61	10	
46	115	10S	0.38	17		47	23	09S	0.32	9	
46	115	11S	-0.67	11		47	24	08S	0.36	7	
46	115	11S	0.36	32		47	26	08S	-0.74	10	
46	116	10S	-0.7	13		47	26	08S	0.36	6	
46	116	11S	-0.68	10		47	26	09S	-0.79	9	
46	116	11S	0.45	6		47	26	09S	0.36	5	
46	118	10S	-0.7	10		47	27	08S	-0.56	14	
46	118	10S	0.41	14		47	27	08S	0.54	10	
46	118	11S	-0.65	14		47	28	08S	0.47	12	
46	118	12S	-0.68	16		47	29	08S	-0.78	11	
46	118	12S	0.41	25		47	68	08S	0.38	9	
46	118	13S	-0.71	11		47	70	08S	0.4	10	
46	119	11S	-0.63	14		47	73	08S	0.4	10	
47	1	10S	-0.76	12		47	74	08S	0.43	10	
47	1	14S	-0.79	14		47	74	09S	-0.72	6	
47	1	14S	0.2	16		47	75	08S	0.43	13	
47	2	10S	-0.71	11		47	76	08S	0.41	18	
47	2	11S	-0.73	11		47	77	08S	0.38	9	
47	3	10S	0.34	20		47	82	07S	0.41	12	
47	3	11S	0.34	12		47	82	08S	-0.65	10	
47	4	10S	-0.72	13		47	82	08S	0.41	9	
47	4	10S	0.27	15		47	82	09S	0.41	7	
47	4	11S	0.27	12		47	83	05S	0.52	6	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
47	83	06S	-0.61	11		48	5	15S	0.11	18	
47	83	08S	0.4	23		48	6	11S	-0.77	9	
47	83	09S	0.36	10		48	6	11S	0.32	12	
47	83	10S	-0.83	9		48	6	15S	0.18	17	
47	84	08S	0.43	9		48	8	11S	0.27	12	
47	90	08S	-0.72	6		48	8	14S	-0.86	9	
47	93	08S	-0.71	9		48	18	08S	0.56	11	
47	96	08S	-0.72	8		48	20	09S	0.34	8	
47	97	08S	-0.78	8		48	23	09S	0.34	7	
47	98	08S	0.34	17		48	24	08S	0.54	22	
47	101	08S	0.38	13		48	24	09S	-0.67	8	
47	102	08S	0.36	6		48	24	09S	0.32	8	
47	109	10S	-0.74	10		48	26	09S	0.36	11	
47	111	10S	-0.7	14		48	27	09S	-0.74	8	
47	111	11S	0.41	13		48	28	09S	-0.81	9	
47	112	10S	-0.7	8		48	28	09S	0.32	11	
47	113	11S	-0.67	16		48	29	09S	-0.77	6	
47	113	11S	0.38	24		48	29	09S	0.34	6	
47	115	10S	-0.69	11		48	33	08S	0.36	8	
47	115	11S	-0.7	10		48	33	09S	0.36	7	
47	115	11S	0.4	16		48	34	08S	0.38	9	
47	116	10S	-0.7	7		48	34	09S	0.38	7	
47	116	10S	0.38	10		48	36	08S	0.36	8	
47	116	11S	0.45	14		48	77	08S	0.38	15	
47	116	12S	0.43	8		48	78	08S	0.38	8	
47	117	11S	-0.65	11		48	90	08S	-0.79	5	
47	117	12S	-0.7	11		48	91	08S	-0.76	7	
47	118	11S	-0.7	17		48	93	08S	-0.76	6	
47	118	11S	0.39	23		48	93	08S	0.38	17	
47	118	12S	-0.73	16		48	94	08S	-0.79	11	
47	118	12S	0.41	12		48	94	08S	0.38	14	
48	1	10S	-0.73	11		48	95	08S	0.38	8	
48	1	14S	0.15	21		48	97	08S	-0.71	12	
48	2	11S	-0.73	12		48	98	08S	-0.74	11	
48	2	14S	-0.76	10		48	99	08S	-0.62	7	
48	3	10S	-0.77	9		48	113	10S	-0.7	13	
48	4	10S	0.34	11		48	113	11S	-0.7	18	
48	4	11S	0.36	9		48	113	11S	0.34	21	
48	5	11S	0.25	11		48	114	10S	-0.68	10	
48	5	14S	0.23	9		48	114	11S	-0.68	17	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		TW	Comment	Row	Tube	Location		TW	Comment
		TSP	Offset					TSP	Offset		
48	114	11S	0.39	7		49	24	08S	0.34	12	
48	115	09S	0.36	11		49	26	09S	0.36	7	
48	115	10S	-0.74	10		49	27	09S	0.34	8	
48	115	11S	-0.7	15		49	28	08S	-0.61	9	
48	115	11S	0.4	19		49	28	08S	0.52	8	
48	116	10S	-0.7	8		49	28	09S	-0.76	5	
48	116	11S	-0.68	19		49	30	08S	0.38	8	
48	116	11S	0.43	8		49	31	08S	-0.78	10	
48	116	14S	-0.84	9		49	31	08S	0.38	17	
48	116	14S	0.32	18		49	32	08S	0.36	7	
48	120	10S	-0.7	10		49	32	09S	0.34	8	
48	120	10S	0.39	22		49	35	09S	0.4	7	
48	120	11S	-0.65	22		49	69	08S	0.39	6	
48	120	11S	0.39	12		49	71	08S	0.39	7	
48	120	12S	-0.7	21		49	74	08S	0.43	9	
48	121	12S	-0.7	14		49	77	08S	0.47	9	
48	121	12S	0.44	16		49	84	08S	-0.77	6	
49	2	10S	-0.73	9		49	85	08S	-0.73	9	
49	2	11S	-0.76	12		49	89	08S	-0.78	7	
49	2	14S	-0.74	9		49	92	08S	-0.7	8	
49	2	14S	0.17	13		49	92	08S	0.41	12	
49	3	14S	0.23	10		49	92	09S	-0.77	6	
49	4	10S	-0.77	10		49	93	08S	-0.73	7	
49	4	14S	-0.83	9		49	95	08S	0.38	9	
49	4	14S	0.2	20		49	96	08S	0.41	11	
49	5	10S	0.31	18		49	113	09S	-0.61	7	
49	5	15S	0.18	13		49	113	11S	0.41	20	
49	6	11S	0.27	20		49	114	11S	-0.72	12	
49	6	15S	0.16	21		49	114	11S	0.41	27	
49	8	11S	0.27	8		49	115	09S	0.36	9	
49	9	09S	0.36	13		49	115	10S	-0.68	10	
49	9	11S	0.29	7		49	115	11S	0.38	21	
49	10	09S	0.38	9		49	116	10S	-0.7	12	
49	16	09S	0.39	6		49	116	10S	0.38	12	
49	19	09S	0.34	7		49	116	11S	0.43	11	
49	21	09S	0.38	11		49	116	12S	0.38	12	
49	23	08S	-0.76	10		49	117	10S	-0.66	10	
49	23	08S	0.38	11		49	120	10S	-0.7	18	
49	23	09S	0.32	7		49	120	10S	0.38	21	
49	24	08S	-0.72	8		49	120	11S	-0.65	18	

TMI-1 Steam Generator Tube Inspection Report (TIR22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location TSP	Offset	% TW	Comment
49	120	11S	0.45	13	
49	120	12S	-0.68	13	
49	122	12S	-0.7	22	
50	3	14S	0.18	10	
50	4	15S	0.2	7	
50	5	11S	0.32	12	
50	5	15S	0.18	8	
50	6	14S	0.16	8	
50	6	15S	0.23	8	
50	7	11S	0.34	7	
50	7	15S	0.16	16	
50	8	11S	0.32	7	
50	9	09S	0.34	18	
50	10	09S	0.36	8	
50	14	09S	0.36	7	
50	21	09S	0.34	8	
50	22	09S	0.29	7	
50	26	09S	0.36	7	
50	27	09S	-0.77	5	
50	28	08S	0.36	11	
50	30	07S	0.56	9	
50	30	08S	-0.78	13	
50	31	09S	0.34	6	
50	32	08S	0.36	7	
50	33	08S	0.38	7	
50	34	08S	0.4	13	
50	35	08S	-0.74	10	
50	36	08S	0.4	13	
50	45	08S	0.38	7	
50	46	08S	-0.76	10	
50	73	08S	0.45	6	
50	75	08S	0.43	8	
50	82	08S	-0.71	28	
50	83	08S	-0.7	16	
50	83	10S	-0.72	8	
50	84	08S	-0.71	9	
50	87	08S	-0.72	8	
50	88	07S	0.58	10	
50	88	08S	-0.73	15	
50	88	08S	0.4	9	

Row	Tube	Location TSP	Offset	% TW	Comment
50	92	07S	0.56	8	
50	92	08S	-0.76	7	
50	92	08S	0.4	19	
50	96	08S	0.38	10	
50	98	08S	0.34	18	
50	100	08S	0.34	9	
50	101	08S	0.38	6	
50	114	09S	0.38	9	
50	114	11S	0.41	13	
50	115	10S	-0.66	9	
50	116	10S	0.34	19	
50	116	11S	-0.65	14	
50	116	11S	0.34	28	
50	117	11S	0.38	19	
50	118	11S	0.4	19	
50	119	10S	-0.65	14	
50	119	11S	0.45	12	
51	1	12S	-0.71	15	
51	1	12S	0.42	14	
51	2	14S	0.17	14	
51	4	14S	0.18	13	
51	5	14S	0.18	13	
51	9	11S	-0.83	7	
51	9	11S	0.32	14	
51	10	09S	0.36	12	
51	10	11S	0.27	13	
51	24	08S	-0.59	14	
51	24	09S	-0.81	12	
51	24	09S	0.34	9	
51	26	09S	0.34	9	
51	28	08S	-0.76	13	
51	28	08S	0.38	10	
51	28	09S	-0.67	8	
51	28	09S	0.34	8	
51	29	08S	-0.61	9	
51	31	08S	-0.61	14	
51	31	09S	-0.72	6	
51	35	08S	0.4	7	
51	71	08S	0.38	9	
51	75	08S	0.41	9	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
51	75	09S	-0.79	6		52	4	14S	0.25	9	
51	77	08S	0.43	9		52	5	14S	0.16	8	
51	79	06S	0.56	8		52	7	11S	-0.81	7	
51	79	07S	-0.76	10		52	7	15S	0.2	8	
51	79	07S	0.41	18		52	9	11S	0.25	16	
51	79	08S	-0.74	8		52	9	14S	-0.86	10	
51	79	08S	0.43	7		52	9	14S	0.14	7	
51	79	09S	-0.79	7		52	10	09S	0.36	9	
51	83	06S	0.58	8		52	10	11S	0.29	11	
51	83	07S	0.38	15		52	11	09S	0.38	10	
51	83	08S	-0.72	17		52	23	09S	0.36	6	
51	84	08S	0.41	14		52	24	09S	-0.79	5	
51	87	08S	-0.69	17		52	25	09S	-0.79	9	
51	88	08S	0.41	8		52	25	09S	0.34	9	
51	90	08S	0.4	8		52	26	09S	0.36	7	
51	91	08S	0.38	9		52	27	08S	0.54	7	
51	92	08S	0.41	9		52	27	09S	-0.7	11	
51	97	08S	-0.71	14		52	27	09S	0.34	12	
51	104	08S	-0.58	10		52	29	09S	-0.79	7	
51	111	09S	-0.67	13		52	29	09S	0.34	12	
51	112	11S	0.38	13		52	31	09S	-0.72	13	
51	113	09S	0.4	13		52	31	09S	0.38	7	
51	114	11S	0.43	11		52	33	08S	0.4	8	
51	115	11S	0.4	23		52	34	08S	0.32	6	
51	116	11S	0.36	10		52	36	08S	0.38	7	
51	117	10S	-0.65	10		52	42	08S	-0.72	8	
51	117	11S	0.34	10		52	42	08S	0.31	7	
51	118	10S	-0.68	9		52	44	08S	0.4	8	
51	118	11S	-0.68	9		52	45	08S	-0.76	14	
51	118	11S	0.47	7		52	46	08S	-0.74	12	
51	118	12S	-0.68	19		52	87	08S	-0.74	7	
51	120	11S	-0.7	8		52	88	07S	-0.63	7	
51	120	11S	0.41	16		52	88	08S	-0.73	7	
51	120	12S	-0.61	14		52	88	09S	-0.76	6	
51	120	12S	0.39	12		52	89	07S	-0.74	10	
52	1	10S	-0.73	13		52	89	07S	0.43	8	
52	2	10S	-0.74	12		52	89	08S	-0.7	14	
52	2	11S	0.27	10		52	89	08S	0.43	12	
52	3	14S	-0.79	7		52	90	08S	0.4	7	
52	3	14S	0.14	13		52	91	08S	0.36	9	

TMI-1 Steam Generator Tube Inspection Report (T1R22)
Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		TW	Comment
		TSP	Offset		
52	93	08S	0.41	10	
52	95	08S	0.34	7	
52	100	08S	-0.76	13	
52	104	08S	0.53	9	
52	106	08S	0.58	9	
52	116	09S	0.38	7	
52	116	11S	0.4	10	
52	117	11S	0.39	16	
52	118	11S	0.36	29	
52	119	11S	0.41	9	
52	122	11S	-0.65	11	
53	1	10S	-0.76	10	
53	2	10S	-0.74	11	
53	3	09S	0.32	10	
53	6	11S	-0.77	10	
53	8	10S	-0.79	8	
53	8	14S	0.2	9	
53	9	11S	0.29	7	
53	10	09S	0.38	11	
53	12	14S	-0.9	9	
53	14	08S	0.56	8	
53	21	09S	0.36	7	
53	24	09S	0.38	9	
53	26	08S	-0.63	10	
53	26	09S	0.29	9	
53	30	08S	0.49	12	
53	32	09S	0.38	7	
53	34	09S	0.38	7	
53	35	08S	0.36	8	
53	36	08S	0.36	10	
53	37	08S	0.38	8	
53	43	07S	-0.56	16	
53	43	08S	-0.74	8	
53	50	08S	0.4	11	
53	51	08S	-0.74	8	
53	80	08S	-0.76	7	
53	84	08S	0.43	6	
53	89	07S	-0.61	9	
53	89	08S	-0.72	10	
53	89	08S	0.34	10	

Row	Tube	Location		TW	Comment
		TSP	Offset		
53	116	11S	0.25	14	
53	117	10S	-0.7	15	
53	117	11S	-0.75	8	
53	117	11S	0.38	23	
53	118	11S	0.43	10	
53	119	10S	-0.7	9	
53	119	11S	-0.75	8	
53	119	11S	0.41	12	
53	120	10S	-0.61	28	
53	120	11S	-0.72	12	
53	120	11S	0.4	24	
53	120	12S	-0.65	13	
53	120	12S	0.43	9	
53	121	10S	0.4	7	
53	121	11S	-0.69	8	
53	121	11S	0.45	21	
53	121	12S	-0.72	13	
53	121	15S	0.43	13	
53	122	08S	0.41	8	
53	122	10S	-0.72	9	
53	122	12S	-0.68	12	
53	123	12S	-0.73	15	
53	124	12S	-0.7	12	
54	1	12S	0.39	23	
54	1	13S	-0.76	12	
54	2	12S	-0.71	8	
54	5	12S	0.34	11	
54	6	14S	0.18	13	
54	7	10S	-0.74	15	
54	7	14S	0.23	6	
54	8	11S	-0.79	10	
54	9	11S	-0.75	8	
54	10	11S	-0.7	14	
54	10	13S	0.2	7	
54	10	14S	0.14	9	
54	10	15S	0.16	10	
54	24	07S	0.52	6	
54	24	09S	0.34	9	
54	25	09S	0.34	5	
54	26	09S	-0.74	7	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
54	26	09S	0.34	6		55	6	11S	-0.81	13	
54	27	09S	0.36	7		55	8	11S	-0.72	11	
54	29	09S	0.34	7		55	9	09S	0.38	13	
54	32	08S	0.34	12		55	9	15S	0.18	9	
54	32	09S	0.32	7		55	10	09S	0.39	8	
54	34	09S	0.38	7		55	10	14S	-0.88	5	
54	40	08S	0.36	8		55	10	15S	0.18	8	
54	42	08S	0.43	7		55	15	11S	0.29	8	
54	58	08S	-0.7	9		55	15	14S	-0.83	7	
54	58	08S	0.45	10		55	18	15S	-0.95	7	
54	58	09S	-0.7	16		55	31	08S	0.36	7	
54	92	08S	-0.76	9		55	40	08S	-0.76	10	
54	92	08S	0.36	12		55	40	08S	0.4	8	
54	97	08S	0.4	12		55	42	08S	0.38	6	
54	98	08S	-0.73	7		55	43	08S	0.38	12	
54	104	08S	0.49	8		55	44	08S	0.43	6	
54	107	08S	0.36	10		55	45	08S	0.4	13	
54	109	08S	-0.74	9		55	46	08S	-0.74	11	
54	109	09S	0.36	8		55	55	08S	0.41	9	
54	119	11S	0.43	7		55	85	07S	-0.73	11	
54	120	11S	0.41	13		55	87	08S	0.42	16	
54	122	10S	0.34	17		55	117	11S	0.39	10	
54	122	11S	-0.68	36		55	118	10S	-0.7	11	
54	122	11S	0.36	32		55	118	11S	0.39	12	
54	122	12S	-0.68	17		55	119	10S	-0.7	13	
54	122	12S	0.36	13		55	120	10S	-0.7	8	
54	122	13S	-0.7	14		55	120	11S	0.41	8	
54	123	10S	-0.68	19		55	121	10S	-0.7	10	
54	123	11S	0.41	10		55	122	09S	-0.66	8	
54	123	12S	-0.7	8		55	122	10S	-0.7	21	
54	124	10S	-0.68	11		55	122	10S	0.38	8	
54	125	12S	-0.7	12		55	122	11S	-0.66	8	
55	1	14S	0.2	12		55	122	11S	0.43	21	
55	2	10S	-0.74	9		55	123	10S	-0.7	15	
55	3	11S	-0.72	13		55	123	10S	0.32	11	
55	4	11S	-0.77	11		55	123	11S	-0.66	8	
55	4	14S	0.16	7		55	123	11S	0.43	27	
55	5	11S	-0.79	16		55	124	10S	-0.68	22	
55	5	14S	-0.88	7		55	124	11S	-0.68	7	
55	5	14S	0.2	9		55	124	11S	0.45	15	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		TW	Comment	Row	Tube	Location		TW	Comment
		TSP	Offset					TSP	Offset		
55	124	12S	-0.7	7		56	123	12S	-0.7	15	
55	126	12S	-0.7	10		56	123	12S	0.38	11	
56	2	11S	-0.73	9		56	123	15S	0.41	7	
56	3	14S	0.2	8		56	124	10S	0.16	12	
56	4	11S	-0.75	12		56	124	11S	-0.71	9	
56	5	09S	-0.66	7		56	125	12S	-0.7	9	
56	5	11S	-0.81	9		56	126	11S	-0.7	11	
56	5	14S	-0.86	5		56	126	12S	-0.75	18	
56	5	14S	0.2	9		56	127	12S	-0.73	18	
56	6	11S	-0.77	12		57	3	11S	-0.75	17	
56	7	11S	-0.75	10		57	3	12S	0.38	13	
56	8	09S	0.38	9		57	5	14S	0.2	8	
56	8	15S	0.11	11		57	8	15S	0.18	8	
56	9	09S	0.34	7		57	9	11S	-0.75	11	
56	10	09S	0.36	11		57	9	14S	0.16	9	
56	11	15S	0.18	6		57	11	15S	0.18	10	
56	19	09S	0.36	8		57	13	15S	0.18	7	
56	21	09S	0.36	7		57	31	06S	-0.74	9	
56	31	09S	0.36	7		57	31	09S	-0.78	9	
56	32	08S	-0.74	12		57	31	09S	0.36	8	
56	32	08S	0.38	14		57	34	09S	0.34	4	
56	34	08S	-0.76	9		57	35	09S	0.36	7	
56	35	08S	-0.79	12		57	38	08S	-0.72	16	
56	35	08S	0.29	14		57	38	08S	0.38	9	
56	37	07S	0.58	10		57	40	08S	-0.76	8	
56	37	08S	0.38	7		57	40	08S	0.4	9	
56	44	08S	-0.72	8		57	51	08S	-0.74	16	
56	44	08S	0.45	9		57	88	08S	0.45	11	
56	45	08S	-0.74	9		57	101	08S	0.38	13	
56	45	08S	0.4	11		57	107	08S	0.36	10	
56	73	08S	-0.74	8		57	119	11S	0.36	16	
56	89	08S	0.45	10		57	122	10S	-0.68	8	
56	97	08S	0.38	15		57	123	10S	-0.72	12	
56	99	08S	0.38	18		57	124	10S	0.32	21	
56	107	08S	-0.76	8		57	124	12S	0.3	11	
56	110	08S	0.38	6		57	125	10S	-0.66	16	
56	111	08S	0.36	10		57	125	10S	0.41	8	
56	123	10S	0.41	11		57	125	11S	-0.66	15	
56	123	11S	-0.7	11		57	125	11S	0.41	13	
56	123	11S	0.43	19		57	125	12S	-0.7	12	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
57	125	12S	0.38	10		59	26	09S	0.34	5	
57	126	10S	-0.68	7		59	28	09S	0.32	5	
57	127	10S	-0.68	14		59	29	09S	0.34	8	
58	1	10S	-0.73	14		59	31	09S	-0.76	9	
58	1	11S	-0.71	13		59	31	09S	0.38	8	
58	2	12S	-0.74	9		59	32	09S	0.36	7	
58	3	11S	-0.81	5		59	39	08S	0.38	6	
58	3	11S	0.34	9		59	40	08S	0.43	12	
58	5	14S	0.23	7		59	87	08S	0.41	7	
58	7	14S	0.2	7		59	102	08S	0.38	10	
58	11	14S	-0.86	8		59	106	08S	0.38	9	
58	14	15S	0.16	7		59	107	08S	0.38	6	
58	15	15S	0.16	8		59	108	08S	0.43	14	
58	24	09S	0.38	8		59	110	10S	-0.81	12	
58	25	09S	0.36	5		59	124	10S	-0.72	18	
58	30	09S	0.38	6		59	124	10S	0.38	7	
58	32	09S	0.31	8		59	124	11S	-0.68	15	
58	38	08S	-0.74	11		59	124	11S	0.38	31	
58	105	06S	-0.76	7		59	124	13S	-0.7	11	
58	105	06S	0.45	10		59	126	10S	-0.7	15	
58	105	07S	0.51	9		59	126	11S	0.43	8	
58	105	08S	0.38	10		60	4	11S	-0.7	14	
58	105	09S	-0.81	10		60	6	11S	0.29	13	
58	106	08S	-0.76	14		60	7	15S	-0.89	9	
58	106	08S	0.38	13		60	14	15S	0.16	8	
58	107	08S	0.43	16		60	17	09S	0.34	7	
58	108	08S	-0.76	7		60	23	09S	0.36	8	
58	108	08S	0.34	11		60	31	08S	-0.63	9	
58	112	08S	0.38	14		60	36	08S	0.4	8	
58	112	09S	-0.7	8		60	41	08S	0.36	7	
58	113	08S	0.4	11		60	105	08S	-0.76	9	
58	125	10S	-0.61	8		60	108	08S	-0.72	10	
58	125	10S	0.43	10		60	108	08S	0.41	11	
58	125	11S	-0.71	19		60	110	08S	0.36	7	
58	125	11S	0.36	21		60	112	08S	0.38	7	
58	127	10S	-0.66	11		60	124	10S	-0.72	9	
58	127	11S	0.38	8		60	126	10S	-0.68	10	
59	5	14S	0.18	8		60	126	11S	0.41	16	
59	19	09S	0.38	8		60	127	10S	-0.63	14	
59	24	08S	0.52	7		60	127	11S	0.43	14	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
60	129	11S	-0.7	13		62	121	11S	0.36	9	
60	129	12S	-0.75	12		62	122	11S	-0.7	13	
61	2	11S	-0.71	9		62	123	10S	-0.68	20	
61	3	11S	0.27	11		62	123	10S	0.36	9	
61	5	11S	-0.72	8		62	123	11S	-0.7	10	
61	5	15S	0.2	10		62	123	11S	0.41	26	
61	7	15S	0.11	14		62	124	10S	-0.68	15	
61	32	08S	0.56	7		62	124	11S	0.43	12	
61	102	08S	0.41	11		62	125	10S	-0.67	14	
61	105	08S	-0.74	9		62	125	11S	-0.72	8	
61	112	08S	-0.72	13		62	125	11S	0.43	13	
61	112	10S	-0.77	9		62	127	10S	-0.7	18	
61	113	07S	0.56	14		62	127	11S	-0.75	15	
61	113	08S	-0.76	9		62	127	11S	0.32	16	
61	114	08S	0.38	11		63	2	14S	-0.74	10	
61	126	11S	0.43	7		63	4	09S	0.34	7	
61	127	10S	-0.59	9		63	5	09S	0.36	10	
61	127	11S	0.43	8		63	5	11S	0.27	22	
61	128	10S	-0.68	18		63	30	09S	0.38	6	
61	130	04S	-0.65	10		63	38	08S	0.36	9	
62	1	11S	-0.71	15		63	41	08S	0.38	10	
62	1	14S	0.22	11		63	45	08S	0.4	17	
62	4	11S	-0.77	9		63	96	08S	-0.76	6	
62	11	14S	-0.91	9		63	97	08S	-0.69	14	
62	23	08S	0.5	6		63	102	08S	0.43	7	
62	24	08S	0.52	11		63	107	08S	-0.78	10	
62	28	08S	0.36	10		63	123	10S	-0.63	8	
62	29	09S	0.36	6		63	123	11S	0.32	23	
62	30	09S	0.34	12		63	124	10S	-0.68	10	
62	32	08S	-0.72	22		63	124	11S	0.41	7	
62	32	08S	0.38	11		63	125	10S	0.36	10	
62	34	08S	0.38	10		63	125	11S	-0.72	15	
62	40	08S	0.4	10		63	125	11S	0.36	11	
62	98	09S	-0.81	6		63	126	09S	0.41	8	
62	99	08S	0.34	11		63	126	10S	-0.68	11	
62	100	08S	0.4	10		63	126	10S	0.34	9	
62	102	08S	0.36	11		63	126	11S	-0.77	6	
62	107	08S	-0.74	8		63	126	11S	0.36	12	
62	113	08S	0.38	10		63	126	12S	-0.68	8	
62	113	09S	0.36	10		63	128	11S	0.41	7	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	TW	Comment	Row	Tube	Location		%	TW	Comment
		TSP	Offset						TSP	Offset			
63	129	12S	-0.73	10			65	126	11S	0.41	8		
64	1	13S	-0.74	12			65	127	11S	0.39	16		
64	2	13S	-0.78	10			65	130	11S	-0.73	20		
64	4	12S	-0.75	17			65	130	11S	0.32	17		
64	4	12S	0.32	15			65	130	12S	-0.73	18		
64	20	09S	0.32	7			66	3	12S	0.36	13		
64	40	08S	-0.74	18			66	4	09S	0.52	6		
64	44	08S	0.4	12			66	4	12S	-0.75	18		
64	98	09S	0.4	12			66	4	12S	0.29	26		
64	102	08S	0.4	9			66	4	13S	-0.81	8		
64	103	08S	0.38	7			66	6	14S	0.2	8		
64	104	08S	-0.74	16			66	7	14S	0.18	7		
64	104	08S	0.43	20			66	11	15S	0.16	5		
64	105	08S	-0.67	8			66	23	09S	0.36	10		
64	105	08S	0.38	7			66	26	09S	0.34	8		
64	110	08S	0.4	9			66	29	09S	0.36	6		
64	110	09S	0.34	9			66	38	08S	-0.72	9		
64	110	10S	-0.81	11			66	85	03S	-0.63	7		
64	125	10S	-0.72	12			66	109	08S	-0.78	9		
64	125	11S	0.38	27			66	109	08S	0.38	8		
64	125	14S	-0.81	6			66	110	08S	0.38	9		
64	126	11S	0.41	7			66	112	08S	0.29	11		
64	128	11S	-0.68	11			66	112	10S	-0.81	4		
64	129	12S	0.29	13			66	124	11S	0.39	12		
65	8	14S	0.23	8			66	126	10S	-0.68	34		
65	14	15S	0.14	8			66	126	11S	0.39	15		
65	28	08S	0.47	9			66	129	11S	-0.73	22		
65	28	09S	0.38	8			66	129	11S	0.39	13		
65	31	09S	0.38	8			66	129	12S	-0.73	15		
65	35	08S	-0.77	12			66	129	12S	0.27	11		
65	35	08S	0.36	8			66	129	13S	-0.7	12		
65	42	08S	0.41	13			67	1	10S	-0.76	10		
65	44	08S	-0.72	18			67	1	11S	-0.74	12		
65	68	06S	0.56	6			67	1	14S	-0.76	11		
65	68	09S	-0.74	9			67	1	14S	0.15	11		
65	68	09S	0.47	7			67	2	12S	-0.74	11		
65	121	10S	-0.79	10			67	2	12S	0.32	11		
65	124	10S	-0.68	7			67	3	14S	0.2	10		
65	124	10S	0.39	9			67	4	12S	-0.77	6		
65	124	11S	0.39	7			67	4	12S	0.29	15		

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
67	5	11S	0.27	8		68	127	09S	0.41	11	
67	7	12S	-0.75	10		68	127	11S	0.38	14	
67	7	14S	0.23	11		68	128	10S	-0.7	10	
67	11	15S	0.16	7		68	128	11S	0.39	10	
67	30	09S	0.36	7		68	129	10S	-0.7	37	
67	31	08S	0.38	14		68	131	11S	-0.73	24	
67	33	07S	0.59	11		68	131	12S	-0.75	11	
67	33	08S	-0.72	31		69	1	12S	-0.76	10	
67	33	08S	0.34	17		69	9	14S	0.16	8	
67	38	08S	0.43	10		69	21	15S	0.11	9	
67	39	08S	-0.77	9		69	28	09S	0.36	8	
67	40	08S	0.43	7		69	33	08S	-0.72	13	
67	60	08S	-0.72	14		69	33	08S	0.4	12	
67	111	08S	0.36	7		69	35	08S	0.4	10	
67	111	10S	-0.74	6		69	42	08S	-0.7	16	
67	125	09S	0.41	10		69	42	08S	0.38	9	
67	125	11S	0.36	18		69	99	08S	0.43	8	
67	125	13S	-0.86	8		69	113	06S	0.43	7	
67	126	10S	-0.68	22		69	113	08S	-0.76	16	
67	126	11S	0.41	7		69	113	09S	-0.72	12	
67	127	10S	-0.65	28		69	113	09S	0.36	7	
67	127	11S	0.41	8		69	113	10S	-0.79	10	
67	129	10S	-0.73	24		69	114	08S	0.36	21	
67	129	11S	-0.73	21		69	116	08S	-0.69	12	
67	129	11S	0.29	10		69	126	09S	0.43	7	
67	130	12S	-0.68	14		69	127	09S	0.45	9	
68	1	14S	0.22	11		69	127	10S	-0.72	10	
68	6	11S	0.25	16		69	127	11S	0.38	8	
68	13	15S	0.11	11		69	128	10S	-0.7	9	
68	27	09S	0.32	9		69	128	11S	0.39	13	
68	29	09S	0.36	9		69	129	10S	-0.68	20	
68	32	08S	0.38	8		69	129	11S	0.41	12	
68	41	08S	-0.72	15		69	131	10S	-0.68	13	
68	49	08S	-0.7	9		69	131	11S	-0.73	20	
68	93	08S	-0.79	9		69	132	11S	-0.73	19	
68	112	08S	-0.74	14		69	132	12S	-0.7	12	
68	113	08S	-0.76	12		70	1	12S	0.32	8	
68	114	08S	-0.74	10		70	2	12S	0.32	11	
68	114	09S	0.38	6		70	2	13S	-0.76	12	
68	126	11S	0.36	8		70	3	13S	-0.75	10	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
70	4	12S	-0.74	13		71	9	14S	-0.88	10	
70	4	13S	-0.77	15		71	34	08S	0.43	12	
70	5	10S	0.38	7		71	100	08S	0.4	17	
70	5	12S	-0.75	12		71	100	09S	0.38	9	
70	7	11S	-0.81	7		71	101	08S	0.4	9	
70	8	14S	0.14	7		71	102	08S	0.42	8	
70	12	15S	0.11	10		71	104	08S	0.42	10	
70	19	09S	0.34	7		71	104	09S	-0.8	8	
70	21	09S	0.36	9		71	105	08S	-0.79	6	
70	22	09S	0.34	8		71	106	08S	-0.78	7	
70	23	08S	0.32	13		71	107	08S	0.43	9	
70	23	09S	0.29	8		71	126	10S	0.36	8	
70	24	08S	0.39	14		71	126	11S	0.36	13	
70	26	09S	0.34	6		71	127	09S	0.29	12	
70	27	08S	0.45	9		71	127	10S	-0.74	12	
70	27	09S	0.34	9		71	127	11S	-0.77	9	
70	28	08S	0.52	9		71	127	11S	0.34	12	
70	30	08S	0.34	11		71	127	12S	-0.72	10	
70	44	08S	-0.79	6		71	128	04S	-0.63	12	
70	111	08S	-0.76	7		71	128	10S	-0.7	12	
70	111	08S	0.38	8		71	129	10S	-0.72	7	
70	125	11S	0.34	9		71	130	12S	-0.75	8	
70	126	11S	0.36	15		71	131	10S	-0.7	30	
70	127	10S	-0.68	17		71	131	11S	-0.7	18	
70	127	11S	0.32	12		71	132	12S	-0.7	11	
70	128	10S	-0.68	20		72	1	11S	-0.71	15	
70	128	11S	0.38	12		72	1	14S	0.17	7	
70	129	10S	-0.7	7		72	2	13S	-0.73	19	
70	130	11S	-0.7	15		72	3	12S	0.23	10	
71	1	11S	-0.78	12		72	3	13S	-0.84	6	
71	1	12S	-0.76	11		72	5	10S	-0.74	5	
71	1	13S	-0.76	17		72	6	12S	-0.83	15	
71	4	12S	-0.7	8		72	6	13S	-0.86	9	
71	5	10S	0.52	10		72	7	12S	-0.79	15	
71	5	12S	-0.91	9		72	7	13S	-0.86	6	
71	5	12S	0.52	20		72	8	12S	-0.79	13	
71	6	12S	-0.79	6		72	9	14S	0.16	6	
71	7	12S	-0.83	12		72	10	14S	-0.92	9	
71	7	13S	-0.86	12		72	20	08S	0.38	12	
71	7	14S	0.47	15		72	26	09S	0.36	6	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
72	30	08S	0.38	9		73	6	11S	-0.72	14	
72	42	08S	0.43	8		73	6	11S	0.27	16	
72	45	08S	-0.72	11		73	7	11S	-0.81	9	
72	102	08S	0.45	9		73	7	12S	-0.85	9	
72	105	08S	0.41	6		73	8	09S	0.38	8	
72	109	08S	0.43	8		73	10	09S	0.38	7	
72	110	10S	-0.81	6		73	11	09S	0.34	7	
72	111	08S	-0.74	7		73	15	15S	0.16	12	
72	111	08S	0.4	12		73	20	15S	-0.97	7	
72	113	08S	-0.76	11		73	38	08S	-0.74	9	
72	113	08S	0.36	12		73	38	08S	0.38	6	
72	113	09S	-0.74	6		73	101	07S	0.45	8	
72	124	10S	-0.72	11		73	101	08S	-0.7	18	
72	124	11S	0.34	7		73	105	08S	-0.76	9	
72	125	10S	-0.7	11		73	110	07S	0.56	14	
72	126	09S	0.45	12		73	110	08S	-0.74	12	
72	126	10S	-0.41	9		73	110	08S	0.38	10	
72	126	11S	-0.81	9		73	120	11S	0.31	8	
72	126	11S	0.29	18		73	122	10S	-0.77	8	
72	127	09S	0.36	10		73	122	11S	0.34	7	
72	127	10S	-0.7	15		73	124	10S	-0.7	9	
72	127	10S	0.36	9		73	126	09S	0.36	8	
72	127	11S	0.32	17		73	126	10S	-0.75	8	
72	127	12S	-0.75	7		73	126	10S	0.36	10	
72	128	10S	-0.7	12		73	126	11S	-0.75	7	
72	128	11S	-0.75	7		73	127	10S	-0.72	12	
72	129	10S	-0.7	6		73	127	11S	-0.72	11	
72	130	10S	-0.7	12		73	128	10S	-0.73	21	
73	1	11S	-0.83	8		73	129	11S	0.36	12	
73	1	12S	-0.71	10		73	131	10S	-0.7	15	
73	1	12S	0.3	11		73	131	10S	0.36	10	
73	2	11S	-0.76	11		73	131	11S	-0.73	15	
73	2	13S	-0.78	9		73	132	12S	-0.68	12	
73	3	12S	0.3	16		74	2	12S	0.29	11	
73	3	13S	-0.82	9		74	2	13S	-0.76	10	
73	4	12S	-0.79	6		74	3	12S	-0.79	6	
73	4	12S	0.32	7		74	3	13S	-0.82	8	
73	4	13S	-0.79	5		74	4	10S	-0.79	8	
73	5	13S	-0.79	7		74	4	12S	-0.79	15	
73	5	14S	0.18	9		74	4	13S	-0.84	11	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Location				TW	Comment	Row	Location				TW	Comment
	Tube	TSP	Offset	%				Tube	TSP	Offset	%		
74	5	12S	-0.75	12			75	116	08S	-0.76	9		
74	5	12S	0.32	7			75	126	11S	0.34	9		
74	6	12S	-0.78	8			75	127	10S	-0.67	10		
74	6	13S	-0.84	12			75	127	11S	0.34	13		
74	8	13S	-0.84	8			75	128	10S	-0.65	9		
74	8	14S	0.18	11			75	129	10S	-0.67	31		
74	9	14S	0.14	6			75	130	10S	-0.67	8		
74	10	10S	0.32	10			76	2	12S	0.29	8		
74	13	10S	-0.82	6			76	4	12S	-0.81	8		
74	38	08S	-0.73	16			76	5	11S	-0.81	10		
74	104	08S	-0.78	7			76	5	11S	0.32	7		
74	105	08S	0.43	5			76	6	12S	-0.79	9		
74	107	08S	0.38	11			76	9	10S	-0.72	11		
74	110	08S	-0.79	7			76	17	15S	0.14	9		
74	115	08S	-0.74	8			76	97	08S	0.45	6		
74	116	08S	-0.75	9			76	101	08S	0.43	8		
74	124	10S	-0.68	13			76	124	11S	0.34	19		
74	126	11S	0.29	15			76	125	10S	-0.7	23		
74	127	10S	-0.7	12			76	126	10S	-0.72	34		
74	129	10S	-0.69	8			76	127	10S	-0.74	12		
74	131	11S	-0.75	21			76	128	10S	-0.7	26		
75	3	12S	0.27	14			76	128	11S	-0.75	9		
75	3	13S	-0.8	7			76	128	11S	0.44	6		
75	4	12S	-0.77	11			76	129	10S	-0.72	11		
75	5	12S	-0.79	9			76	129	11S	-0.77	20		
75	6	11S	-0.72	10			76	129	13S	-0.84	11		
75	7	12S	-0.81	10			77	1	11S	-0.78	12		
75	7	12S	0.23	8			77	1	13S	-0.76	19		
75	7	13S	-0.82	10			77	1	14S	-0.76	10		
75	10	14S	0.16	7			77	1	14S	0.17	12		
75	17	09S	0.36	8			77	2	11S	-0.78	9		
75	33	08S	0.4	13			77	5	12S	-0.84	7		
75	37	08S	0.4	11			77	6	09S	0.34	7		
75	45	08S	-0.78	13			77	6	11S	0.27	12		
75	95	08S	-0.68	7			77	6	14S	0.2	10		
75	97	08S	0.43	6			77	6	15S	0.14	8		
75	99	08S	0.45	10			77	7	12S	-0.86	6		
75	101	08S	-0.74	5			77	7	15S	-0.92	5		
75	111	09S	0.38	7			77	15	09S	0.38	10		
75	114	08S	-0.74	9			77	18	09S	0.36	4		

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
77	22	08S	0.34	12		79	25	09S	0.36	9	
77	101	08S	0.4	9		79	101	07S	0.56	8	
77	104	08S	0.39	7		79	101	08S	-0.74	8	
77	104	09S	-0.77	7		79	101	08S	0.43	8	
77	106	08S	-0.72	10		79	102	04S	0.47	7	
77	106	09S	-0.79	7		79	102	06S	-0.54	8	
77	108	08S	0.41	6		79	102	09S	0.38	6	
77	108	09S	0.36	7		79	102	10S	-0.81	6	
77	127	09S	0.38	7		79	104	08S	0.41	9	
77	127	10S	-0.7	14		79	106	08S	0.38	9	
77	128	10S	-0.68	38		79	109	08S	0.38	11	
77	131	10S	-0.7	22		79	122	11S	0.32	11	
77	131	11S	-0.73	8		79	127	10S	-0.7	15	
78	1	13S	-0.76	23		79	128	10S	-0.72	16	
78	2	13S	-0.76	17		79	128	13S	0.29	6	
78	3	13S	-0.73	17		79	131	10S	-0.7	19	
78	7	14S	0.2	6		79	131	12S	-0.83	6	
78	8	14S	-0.91	8		79	132	10S	-0.72	11	
78	11	09S	0.36	7		79	132	12S	-0.79	7	
78	22	09S	0.29	5		80	2	13S	-0.74	9	
78	106	08S	-0.78	5		80	4	11S	-0.73	13	
78	108	08S	0.4	7		80	4	11S	0.27	16	
78	113	07S	0.53	8		80	9	10S	-0.79	7	
78	113	08S	-0.76	10		80	12	09S	0.36	5	
78	113	08S	0.4	9		80	19	09S	0.36	8	
78	113	09S	-0.72	12		80	20	08S	0.43	6	
78	114	08S	-0.72	7		80	22	08S	0.52	6	
78	126	10S	-0.75	17		80	22	09S	0.32	5	
78	127	10S	-0.7	39		80	100	07S	0.52	6	
78	128	10S	-0.68	14		80	100	08S	0.34	7	
78	128	11S	0.34	12		80	103	08S	-0.76	8	
78	130	10S	-0.7	14		80	103	08S	0.4	7	
78	131	10S	-0.67	41		80	107	08S	0.43	7	
78	131	11S	-0.72	16		80	113	08S	-0.76	11	
79	1	13S	-0.83	11		80	114	08S	-0.74	9	
79	1	14S	-0.91	9		80	114	09S	-0.79	4	
79	1	14S	0.15	8		80	115	08S	-0.74	10	
79	4	12S	-0.73	12		80	126	10S	-0.72	17	
79	5	15S	0.16	7		80	127	10S	-0.7	23	
79	8	10S	-0.73	9		80	128	10S	-0.68	33	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
80	130	10S	-0.7	10		82	116	08S	-0.74	7	
80	131	11S	-0.82	11		82	126	10S	-0.73	8	
80	131	11S	0.39	9		82	126	10S	0.32	13	
81	4	14S	-0.93	7		82	127	10S	-0.73	22	
81	5	14S	-0.88	6		82	128	09S	0.43	7	
81	6	14S	-0.86	8		82	128	10S	-0.7	13	
81	7	09S	0.39	8		82	129	10S	-0.65	15	
81	7	14S	-0.75	10		82	130	10S	-0.7	16	
81	7	14S	0.23	8		82	130	12S	-0.73	7	
81	9	10S	-0.7	10		82	131	12S	-0.87	12	
81	15	09S	0.34	8		83	1	14S	-0.88	11	
81	16	09S	0.34	8		83	1	14S	0.12	10	
81	17	08S	0.52	9		83	2	13S	-0.84	8	
81	17	09S	0.36	11		83	2	14S	-0.76	10	
81	26	09S	0.36	5		83	3	13S	-0.77	13	
81	31	08S	-0.71	10		83	3	14S	-0.75	8	
81	38	08S	0.38	10		83	6	09S	0.41	9	
81	103	08S	0.4	8		83	6	10S	0.39	7	
81	106	08S	0.38	7		83	8	14S	0.14	7	
81	109	08S	0.45	7		83	24	08S	0.49	8	
81	110	08S	0.41	12		83	108	08S	-0.74	6	
81	128	10S	-0.7	33		83	109	08S	-0.74	7	
81	128	11S	0.32	9		83	109	08S	0.4	16	
81	128	12S	-0.77	12		83	110	07S	0.56	6	
81	128	12S	0.27	14		83	110	08S	-0.74	10	
81	128	13S	-0.75	11		83	110	08S	0.38	11	
81	128	14S	-0.27	13		83	111	08S	-0.74	9	
81	130	10S	-0.68	13		83	112	08S	-0.74	8	
81	132	10S	0.43	14		83	113	08S	-0.74	9	
81	132	13S	0.29	22		83	114	08S	-0.72	8	
82	1	14S	-0.78	12		83	116	08S	-0.74	10	
82	5	09S	0.39	8		83	127	10S	0.36	11	
82	5	14S	0.2	15		83	128	10S	-0.7	18	
82	6	09S	0.39	6		83	128	13S	0.32	8	
82	6	14S	0.18	11		83	129	10S	-0.7	15	
82	7	14S	0.14	8		83	130	10S	-0.7	10	
82	33	08S	-0.76	8		83	132	12S	0.27	13	
82	106	08S	0.41	6		84	1	13S	-0.76	21	
82	109	08S	0.38	15		84	2	13S	-0.76	19	
82	110	08S	0.38	7		84	5	09S	0.41	10	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Location				TW	Comment	Row	Location				TW	Comment
	Tube	TSP	Offset	%				Tube	TSP	Offset	%		
84	5	11S	0.25	8			85	125	09S	0.43	9		
84	5	14S	-0.86	8			85	125	11S	0.34	11		
84	8	14S	-0.91	8			85	126	10S	0.39	10		
84	27	08S	0.47	6			85	127	10S	-0.72	17		
84	29	08S	-0.77	9			85	129	10S	-0.72	23		
84	29	08S	0.36	6			85	130	12S	-0.77	10		
84	40	08S	0.42	7			85	130	12S	0.29	17		
84	98	08S	0.43	7			86	1	14S	0.22	11		
84	102	08S	0.43	8			86	2	14S	-0.79	10		
84	103	08S	0.41	8			86	3	13S	-0.79	9		
84	106	08S	0.38	8			86	5	09S	0.39	8		
84	108	07S	0.43	8			86	5	13S	-0.84	7		
84	108	08S	-0.78	7			86	6	13S	-0.84	10		
84	108	08S	0.38	18			86	7	14S	0.18	12		
84	127	09S	0.41	10			86	34	07S	0.53	16		
84	127	10S	-0.7	18			86	107	08S	-0.76	5		
84	127	11S	0.32	15			86	124	10S	0.36	9		
84	128	10S	-0.7	32			86	126	10S	-0.73	11		
84	128	13S	0.27	8			86	128	10S	-0.7	11		
84	129	10S	-0.68	12			87	2	10S	-0.73	7		
84	131	09S	0.38	10			87	2	13S	-0.74	10		
84	131	10S	-0.67	29			87	2	14S	0.15	9		
85	1	12S	-0.71	9			87	3	10S	-0.77	7		
85	2	13S	-0.74	19			87	4	09S	0.39	7		
85	3	13S	-0.75	13			87	4	11S	-0.27	17		
85	3	14S	-0.73	12			87	4	12S	-0.82	9		
85	4	10S	-0.79	7			87	4	14S	-0.88	8		
85	4	13S	-0.82	7			87	6	14S	-0.88	8		
85	5	10S	-0.7	10			87	7	10S	-0.7	7		
85	6	09S	0.39	6			87	16	09S	0.36	9		
85	10	15S	0.18	8			87	19	09S	0.36	7		
85	16	09S	0.34	7			87	21	09S	0.32	6		
85	22	08S	0.49	7			87	27	08S	0.29	6		
85	22	09S	0.36	7			87	28	08S	0.38	12		
85	27	08S	0.34	7			87	103	08S	0.41	13		
85	100	08S	0.41	6			87	104	08S	0.36	7		
85	103	08S	0.4	13			87	127	09S	0.43	8		
85	106	08S	0.41	5			87	127	10S	-0.69	20		
85	109	08S	-0.76	8			87	127	13S	0.31	9		
85	109	08S	0.31	9			87	128	10S	-0.68	15		

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
87	129	10S	0.39	7		89	127	14S	-0.84	9	
88	1	14S	0.27	9		89	128	10S	-0.7	13	
88	3	12S	-0.75	11		89	129	10S	-0.73	11	
88	3	13S	-0.86	11		89	129	10S	0.44	5	
88	5	14S	-0.77	10		89	129	12S	-0.75	9	
88	9	14S	0.18	7		89	129	12S	0.32	7	
88	29	08S	-0.76	7		89	130	10S	-0.65	17	
88	102	08S	-0.76	6		90	3	11S	0.32	8	
88	102	08S	0.38	11		90	5	09S	-0.7	17	
88	103	08S	0.38	7		90	5	09S	0.41	10	
88	104	08S	0.38	7		90	7	14S	-0.78	12	
88	106	08S	0.38	6		90	13	15S	0.11	8	
88	107	08S	-0.76	11		90	20	09S	0.34	7	
88	107	08S	0.38	17		90	24	08S	0.54	7	
88	114	08S	-0.69	7		90	30	08S	-0.72	12	
88	115	08S	-0.71	9		90	30	08S	0.36	6	
88	125	09S	0.39	9		90	32	08S	-0.7	11	
88	126	10S	-0.68	20		90	48	08S	-0.76	7	
88	126	10S	0.39	8		90	96	08S	-0.76	5	
88	126	11S	0.27	9		90	96	08S	0.41	5	
88	128	10S	-0.73	5		90	101	08S	-0.78	10	
88	128	11S	-0.7	7		90	105	08S	0.38	10	
89	1	13S	-0.74	32		90	106	08S	-0.76	10	
89	1	14S	-0.78	15		90	106	08S	0.36	11	
89	1	14S	0.25	12		90	106	09S	-0.79	6	
89	3	11S	-0.75	12		90	106	10S	-0.81	6	
89	3	11S	0.32	8		90	117	09S	0.41	7	
89	4	14S	0.16	8		90	120	09S	0.41	6	
89	5	09S	-0.68	13		90	124	14S	-0.82	8	
89	15	09S	0.36	7		90	125	10S	-0.68	15	
89	28	08S	0.36	14		90	125	13S	0.34	10	
89	108	08S	-0.79	7		90	126	10S	-0.7	8	
89	108	08S	0.38	7		90	126	10S	0.39	7	
89	110	08S	0.32	7		90	127	10S	-0.67	26	
89	110	09S	0.34	7		91	1	14S	0.22	18	
89	111	09S	0.34	9		91	2	14S	-0.74	9	
89	126	10S	0.34	9		91	6	09S	-0.7	8	
89	127	09S	0.41	7		91	6	09S	0.38	8	
89	127	10S	-0.7	20		91	6	10S	0.34	9	
89	127	13S	0.34	10		91	6	14S	-0.91	8	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
91	22	08S	0.54	9		92	110	08S	-0.78	8	
91	28	08S	-0.61	7		92	126	09S	0.43	6	
91	32	08S	-0.69	9		92	126	10S	-0.68	25	
91	41	08S	-0.72	15		92	126	10S	0.41	7	
91	101	08S	-0.72	9		92	128	10S	-0.68	10	
91	101	08S	0.38	7		92	128	12S	0.27	8	
91	101	09S	-0.75	8		92	128	13S	0.37	9	
91	102	09S	0.36	9		92	128	14S	-0.8	10	
91	102	10S	-0.79	11		93	1	13S	-0.74	20	
91	104	08S	0.4	10		93	7	14S	-0.82	9	
91	105	08S	-0.79	8		93	8	14S	-0.8	11	
91	105	08S	0.38	6		93	9	13S	-0.84	11	
91	106	08S	-0.76	9		93	9	13S	0.25	12	
91	110	07S	0.56	10		93	9	14S	0.11	8	
91	110	08S	-0.76	8		93	20	09S	0.36	6	
91	110	08S	0.36	8		93	24	08S	0.54	12	
91	110	09S	0.36	8		93	29	08S	0.54	16	
91	113	08S	-0.72	7		93	29	09S	-0.8	6	
91	126	10S	-0.73	10		93	30	08S	0.38	8	
91	127	10S	-0.7	11		93	40	08S	-0.7	9	
91	128	10S	-0.7	9		93	96	08S	0.39	7	
91	129	10S	-0.7	9		93	97	08S	0.4	10	
92	1	14S	0.22	16		93	98	08S	0.39	5	
92	6	09S	-0.7	22		93	101	08S	0.38	8	
92	6	10S	0.38	7		93	102	08S	0.41	6	
92	22	08S	-0.61	10		93	103	08S	0.34	10	
92	22	09S	0.34	7		93	106	08S	-0.74	7	
92	23	08S	0.52	6		93	109	08S	-0.78	8	
92	24	08S	0.54	11		93	125	10S	-0.63	12	
92	41	08S	-0.72	16		93	126	10S	-0.68	10	
92	41	08S	0.38	6		93	127	10S	-0.67	7	
92	97	08S	-0.74	6		93	128	10S	-0.67	22	
92	98	09S	0.38	7		93	128	12S	-0.82	10	
92	99	05S	-0.67	6		94	3	13S	-0.72	14	
92	99	08S	-0.72	7		94	3	13S	0.39	17	
92	99	08S	0.41	7		94	8	14S	-0.75	13	
92	102	08S	0.38	12		94	24	08S	0.34	10	
92	103	08S	-0.72	8		94	25	08S	0.34	10	
92	104	08S	-0.74	10		94	29	08S	-0.7	10	
92	107	08S	-0.76	8		94	35	08S	0.29	6	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
94	38	08S	0.38	9		96	7	14S	-0.84	6	
94	40	08S	-0.71	10		96	7	14S	0.16	7	
94	40	08S	0.42	10		96	22	09S	0.32	7	
94	43	08S	-0.72	8		96	44	08S	-0.71	10	
94	97	08S	0.41	6		96	45	08S	-0.72	11	
94	98	08S	0.4	12		96	48	08S	-0.73	8	
94	99	08S	0.38	14		96	90	08S	0.43	9	
94	102	08S	0.34	12		96	91	08S	0.39	5	
94	106	08S	-0.76	10		96	92	08S	-0.78	9	
94	126	09S	-0.7	6		96	98	08S	0.4	10	
94	126	10S	-0.68	13		96	105	07S	0.54	5	
94	126	10S	0.43	17		96	112	09S	0.34	7	
94	128	10S	-0.63	16		96	117	09S	0.41	8	
95	1	13S	-0.71	24		96	121	09S	-0.67	11	
95	3	13S	-0.72	23		96	122	09S	-0.68	6	
95	3	13S	0.39	11		96	122	10S	0.43	11	
95	3	14S	-0.79	11		96	123	09S	0.4	10	
95	5	09S	-0.72	13		96	123	14S	-0.78	8	
95	25	08S	0.38	10		96	124	09S	-0.68	6	
95	35	08S	0.31	8		96	124	09S	0.41	8	
95	36	08S	-0.72	10		96	124	10S	-0.7	7	
95	38	08S	0.38	6		96	124	10S	0.43	7	
95	43	08S	0.38	13		96	125	10S	-0.71	26	
95	56	08S	-0.74	11		96	125	10S	0.4	8	
95	57	08S	-0.74	13		96	125	13S	0.36	9	
95	97	08S	0.43	12		96	126	10S	-0.65	6	
95	100	08S	0.41	11		96	126	12S	-0.73	10	
95	105	08S	-0.76	10		96	127	10S	-0.67	26	
95	107	08S	-0.74	11		96	127	12S	-0.73	11	
95	122	10S	0.41	10		97	12	14S	-0.86	9	
95	123	10S	0.41	9		97	12	14S	0.16	7	
95	125	09S	0.41	9		97	91	08S	-0.74	6	
95	126	10S	-0.7	16		97	95	08S	0.43	9	
95	126	10S	0.43	8		97	97	08S	0.38	10	
95	127	10S	-0.65	9		97	98	08S	0.4	8	
95	127	12S	-0.73	12		97	104	08S	-0.7	33	
95	128	10S	-0.7	12		97	104	09S	-0.79	6	
95	128	14S	-0.78	12		97	105	08S	-0.74	7	
96	4	09S	0.43	7		97	116	09S	0.4	8	
96	4	10S	0.29	15		97	118	09S	0.41	10	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
97	118	11S	0.25	7		98	99	08S	0.38	12	
97	119	09S	-0.7	8		98	107	08S	-0.74	7	
97	119	09S	0.43	19		98	109	08S	-0.74	8	
97	119	10S	-0.67	9		98	116	09S	0.38	11	
97	120	09S	0.4	15		98	116	10S	0.36	13	
97	120	10S	-0.7	11		98	117	09S	0.36	14	
97	120	11S	0.32	8		98	117	10S	0.38	12	
97	121	09S	-0.67	14		98	118	09S	0.34	13	
97	121	09S	0.43	9		98	118	10S	-0.7	31	
97	121	10S	-0.72	23		98	119	09S	0.36	14	
97	122	08S	0.43	5		98	119	10S	-0.7	16	
97	122	09S	-0.68	11		98	120	10S	-0.74	12	
97	122	09S	0.41	8		98	120	10S	0.42	8	
97	122	10S	-0.7	13		98	120	13S	0.31	22	
97	123	09S	-0.67	13		98	121	09S	0.43	10	
97	123	09S	0.4	7		98	122	09S	-0.69	16	
97	123	10S	-0.67	20		98	122	09S	0.38	15	
97	123	10S	0.4	15		98	122	10S	-0.69	13	
97	124	09S	-0.65	8		98	122	10S	0.45	5	
97	124	09S	0.34	8		98	123	05S	-0.62	10	
97	124	10S	-0.68	12		98	123	09S	-0.71	22	
97	124	10S	0.39	8		98	123	09S	0.33	11	
97	125	10S	-0.7	7		98	123	10S	-0.69	9	
97	125	13S	-0.73	7		98	123	11S	-0.71	13	
97	125	13S	0.34	16		98	125	12S	-0.7	20	
97	126	10S	-0.67	23		98	125	13S	-0.77	13	
97	126	14S	-0.75	20		98	125	13S	0.36	20	
98	2	12S	-0.68	7		98	125	14S	-0.8	19	
98	2	13S	-0.81	9		99	3	09S	-0.7	15	
98	3	09S	-0.68	16		99	20	09S	0.36	7	
98	12	14S	0.2	7		99	21	15S	0.11	12	
98	13	14S	0.16	9		99	34	08S	-0.76	5	
98	20	15S	0.09	8		99	40	08S	-0.76	6	
98	24	09S	0.34	6		99	95	08S	0.38	15	
98	35	08S	0.31	9		99	97	08S	0.38	12	
98	65	08S	0.45	8		99	98	08S	0.39	10	
98	96	08S	0.41	8		99	99	08S	-0.79	7	
98	97	08S	0.43	14		99	99	08S	0.38	14	
98	98	08S	-0.72	7		99	101	08S	0.41	15	
98	98	08S	0.36	10		99	108	14S	0.16	6	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
99	109	08S	-0.72	9		100	22	08S	-0.56	10	
99	109	09S	0.36	7		100	24	08S	0.34	7	
99	115	09S	0.43	10		100	26	08S	-0.7	10	
99	115	10S	0.31	8		100	27	08S	-0.76	12	
99	116	09S	0.43	10		100	28	09S	0.34	8	
99	116	10S	-0.7	10		100	32	08S	-0.76	10	
99	116	10S	0.36	7		100	32	08S	0.38	4	
99	117	10S	-0.74	16		100	91	08S	0.41	11	
99	118	10S	-0.72	17		100	92	08S	0.38	6	
99	118	10S	0.38	9		100	94	08S	0.41	8	
99	119	09S	0.43	8		100	96	08S	-0.79	5	
99	119	10S	-0.72	31		100	97	08S	-0.78	9	
99	120	09S	0.47	8		100	97	08S	0.38	8	
99	120	10S	-0.69	31		100	98	08S	-0.77	6	
99	120	10S	0.42	7		100	100	07S	-0.5	9	
99	121	09S	0.42	19		100	101	08S	0.38	13	
99	121	10S	-0.71	10		100	102	08S	-0.74	11	
99	121	10S	0.42	9		100	107	08S	-0.74	7	
99	121	13S	0.34	10		100	114	09S	0.4	9	
99	122	10S	-0.71	17		100	114	10S	0.38	6	
99	122	10S	0.4	9		100	115	09S	0.38	9	
99	123	09S	0.34	16		100	115	10S	-0.69	14	
99	124	10S	-0.67	20		100	115	10S	0.33	9	
99	124	13S	0.39	10		100	116	10S	-0.69	26	
99	124	14S	-0.8	15		100	118	09S	0.38	13	
100	1	12S	-0.74	13		100	119	10S	-0.69	26	
100	2	14S	-0.73	11		100	120	09S	0.38	8	
100	3	09S	-0.72	14		100	120	10S	-0.71	19	
100	3	11S	0.29	6		100	122	10S	-0.68	6	
100	3	14S	-0.86	10		101	1	14S	-0.83	13	
100	3	14S	0.18	9		101	2	14S	-0.78	8	
100	4	14S	-0.82	25		101	3	10S	0.36	17	
100	4	14S	0.23	8		101	3	14S	-0.73	15	
100	4	15S	-0.84	23		101	4	14S	-0.77	25	
100	4	15S	0.2	31		101	4	14S	0.25	11	
100	5	14S	-0.77	21		101	4	15S	-0.72	31	
100	5	14S	0.14	14		101	4	15S	0.14	36	
100	7	14S	-0.86	9		101	5	14S	-0.8	32	
100	20	08S	-0.61	8		101	5	14S	0.23	24	
100	21	09S	0.36	8		101	5	15S	-0.86	23	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
101	5	15S	0.18	27		101	120	13S	0.36	18	
101	22	06S	0.38	5		102	2	14S	-0.76	11	
101	22	08S	-0.7	14		102	3	11S	-0.75	10	
101	22	09S	-0.72	8		102	3	11S	0.27	10	
101	22	09S	0.34	7		102	3	14S	-0.73	16	
101	23	08S	0.54	10		102	4	14S	-0.77	25	
101	24	08S	0.36	8		102	4	14S	0.25	19	
101	26	08S	0.34	9		102	4	15S	-0.77	19	
101	31	08S	0.38	8		102	4	15S	0.14	27	
101	32	08S	0.38	7		102	17	09S	0.36	8	
101	38	08S	-0.74	7		102	41	08S	-0.77	10	
101	83	07S	0.39	13		102	41	09S	-0.8	7	
101	83	08S	-0.75	9		102	52	08S	0.45	7	
101	83	08S	0.39	9		102	83	08S	0.32	7	
101	89	08S	-0.77	8		102	85	08S	-0.72	12	
101	89	08S	0.38	6		102	88	08S	0.41	10	
101	92	08S	0.34	8		102	89	08S	-0.72	11	
101	94	08S	-0.74	8		102	92	08S	0.38	7	
101	96	08S	0.29	10		102	93	08S	0.38	6	
101	97	08S	-0.76	7		102	94	08S	-0.77	6	
101	98	08S	-0.76	8		102	94	08S	0.38	8	
101	98	08S	0.36	8		102	113	09S	0.4	7	
101	102	08S	-0.74	8		102	113	10S	-0.69	11	
101	102	08S	0.36	11		102	114	10S	-0.69	21	
101	112	09S	0.4	8		102	115	10S	-0.73	13	
101	113	10S	-0.69	14		102	116	09S	0.38	14	
101	114	10S	-0.76	10		102	116	10S	-0.72	15	
101	115	09S	0.38	12		102	118	10S	-0.69	19	
101	116	09S	0.45	13		102	120	10S	-0.7	8	
101	116	10S	-0.69	20		102	121	10S	-0.67	22	
101	117	09S	0.53	8		102	121	12S	-0.75	16	
101	117	10S	-0.73	14		103	1	14S	-0.81	19	
101	117	12S	-0.74	10		103	1	14S	0.24	7	
101	117	13S	0.34	14		103	2	13S	-0.71	7	
101	118	10S	-0.69	25		103	2	14S	-0.76	7	
101	118	10S	0.4	8		103	3	14S	-0.8	8	
101	120	09S	0.41	8		103	4	11S	-0.75	13	
101	120	10S	-0.72	26		103	4	14S	-0.82	25	
101	120	10S	0.39	12		103	4	14S	0.27	12	
101	120	12S	-0.73	13		103	5	14S	-0.75	20	

TMI-1 Steam Generator Tube Inspection Report (T1R22)
Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
103	5	14S	0.25	8		104	95	08S	0.41	14	
103	5	15S	-0.84	13		104	96	08S	0.4	11	
103	5	15S	0.21	20		104	97	08S	0.27	7	
103	16	08S	0.49	8		104	99	08S	-0.74	5	
103	23	09S	0.34	5		104	99	08S	0.38	9	
103	41	08S	-0.69	8		104	113	09S	0.38	7	
103	52	08S	0.41	6		104	113	10S	-0.72	15	
103	75	08S	-0.7	7		104	114	09S	0.4	10	
103	84	08S	0.41	8		104	114	10S	-0.72	17	
103	90	08S	0.38	10		104	115	09S	0.56	10	
103	91	08S	0.36	8		104	115	10S	-0.72	26	
103	113	10S	0.38	10		104	115	10S	0.4	8	
103	114	09S	0.4	9		104	116	09S	0.4	13	
103	114	10S	-0.72	34		104	117	09S	0.54	7	
103	114	13S	0.29	13		104	117	10S	-0.74	29	
103	115	10S	-0.71	13		104	117	13S	0.27	11	
103	115	13S	0.31	9		104	120	10S	-0.73	13	
103	115	14S	-0.85	8		104	120	10S	0.46	7	
103	116	09S	0.38	13		104	121	10S	-0.68	27	
103	116	13S	0.31	5		104	121	11S	-0.73	18	
103	117	09S	0.56	11		104	121	12S	0.29	12	
103	117	10S	-0.73	16		105	3	14S	0	59	Array 44% Max
103	119	10S	-0.69	23		105	4	10S	-0.72	12	
103	120	10S	-0.69	22		105	4	14S	-0.82	21	
104	1	13S	-0.69	28		105	4	15S	0.07	51	Array 34% Max
104	1	13S	0.39	24		105	5	15S	0.18	11	
104	1	14S	-0.81	17		105	23	09S	0.36	5	
104	1	14S	0.25	8		105	36	08S	-0.78	7	
104	3	14S	-0.84	13		105	39	08S	-0.69	8	
104	4	14S	-0.84	9		105	39	08S	0.41	6	
104	5	15S	-0.29	31		105	48	08S	-0.79	8	
104	44	08S	-0.75	9		105	51	08S	0.45	9	
104	47	08S	-0.72	8		105	81	08S	-0.75	6	
104	47	08S	0.4	5		105	82	08S	0.41	12	
104	47	09S	0.38	6		105	85	08S	-0.7	10	
104	84	07S	0.56	9		105	87	08S	0.41	8	
104	84	08S	0.41	12		105	90	08S	0.41	10	
104	89	08S	0.43	9		105	91	08S	0.39	10	
104	90	08S	0.4	11		105	92	08S	-0.76	7	
104	95	08S	-0.74	6		105	92	08S	0.41	9	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
105	94	08S	0.34	10		106	116	09S	0.36	11	
105	95	08S	-0.77	9		106	116	10S	-0.7	18	
105	95	08S	0.38	10		106	116	10S	0.38	8	
105	111	09S	0.38	14		106	117	10S	-0.7	26	
105	111	10S	-0.7	17		106	119	10S	-0.72	23	
105	112	10S	-0.74	9		106	119	13S	0.39	12	
105	112	10S	0.41	7		107	2	14S	-0.73	15	
105	113	10S	-0.74	20		107	6	10S	0.39	9	
105	113	10S	0.41	13		107	33	08S	0.38	5	
105	113	13S	0.32	10		107	36	08S	-0.73	8	
105	115	10S	-0.7	26		107	42	08S	-0.79	8	
105	116	10S	-0.69	26		107	42	08S	0.4	8	
105	116	11S	-0.83	8		107	77	06S	-0.57	7	
105	117	09S	0.43	5		107	77	08S	-0.73	11	
105	117	10S	-0.7	21		107	77	08S	0.41	8	
105	118	10S	-0.68	21		107	77	09S	0.39	9	
105	118	12S	-0.77	18		107	83	07S	0.54	9	
106	1	14S	-0.78	17		107	83	08S	-0.77	12	
106	1	14S	0.12	8		107	83	08S	0.36	9	
106	2	14S	-0.73	10		107	86	08S	0.4	9	
106	3	14S	-0.8	16		107	93	08S	-0.74	7	
106	7	14S	-0.84	10		107	112	09S	-0.72	8	
106	27	08S	0.36	11		107	112	10S	-0.7	16	
106	39	08S	-0.69	8		107	113	09S	-0.77	11	
106	44	08S	-0.77	8		107	113	09S	0.38	16	
106	82	08S	0.41	8		107	113	10S	-0.72	24	
106	89	08S	0.36	10		107	113	10S	0.41	10	
106	93	08S	-0.77	6		107	114	09S	0.4	8	
106	93	08S	0.38	9		107	114	10S	-0.7	17	
106	98	08S	-0.67	10		107	114	10S	0.38	4	
106	112	09S	0.41	12		107	115	10S	-0.68	24	
106	112	10S	-0.72	11		107	117	10S	-0.68	15	
106	113	09S	-0.7	11		107	117	10S	0.41	9	
106	113	09S	0.41	12		107	117	12S	0.29	10	
106	113	10S	-0.72	14		108	1	14S	-0.78	10	
106	114	09S	0.41	9		108	3	14S	-0.35	30	
106	114	10S	-0.72	18		108	4	10S	-0.72	10	
106	114	14S	-0.9	8		108	4	15S	-0.86	8	
106	115	10S	-0.7	19		108	4	15S	0.18	9	
106	115	10S	0.43	7		108	5	15S	0.18	7	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
108	10	14S	-0.86	10		109	23	08S	0.47	9	
108	12	14S	0.18	8		109	32	08S	-0.76	8	
108	28	08S	-0.69	18		109	39	08S	0.42	8	
108	30	06S	0.4	4		109	41	08S	-0.75	13	
108	30	08S	-0.71	13		109	50	08S	0.34	12	
108	30	09S	0.34	10		109	75	08S	-0.7	12	
108	38	08S	-0.76	6		109	79	08S	0.4	10	
108	39	08S	0.38	9		109	82	08S	0.38	10	
108	41	08S	-0.71	21		109	92	08S	-0.76	6	
108	43	08S	-0.73	11		109	112	09S	-0.67	7	
108	45	08S	0.38	6		109	112	10S	-0.74	14	
108	87	08S	0.43	10		109	112	10S	0.32	12	
108	92	08S	-0.71	10		109	112	11S	-0.74	8	
108	92	08S	0.38	11		109	112	13S	0.31	10	
108	111	10S	0.34	13		109	113	09S	-0.67	10	
108	112	09S	-0.67	9		109	113	09S	0.4	7	
108	112	10S	-0.74	10		109	113	10S	0.4	18	
108	112	10S	0.36	8		109	114	09S	0.38	11	
108	113	09S	-0.74	7		109	114	10S	-0.7	12	
108	113	09S	0.43	7		109	114	10S	0.4	7	
108	113	10S	-0.72	11		109	115	09S	0.44	7	
108	113	10S	0.36	16		109	115	10S	-0.7	12	
108	114	09S	0.43	8		109	116	10S	-0.68	9	
108	114	10S	0.38	5		109	116	10S	0.41	9	
108	115	10S	-0.7	19		110	2	14S	-0.75	10	
108	115	10S	0.4	7		110	3	14S	-0.79	9	
108	116	10S	-0.68	15		110	36	08S	-0.84	7	
108	116	12S	-0.73	7		110	63	08S	0.42	8	
108	117	10S	-0.7	18		110	69	08S	-0.72	11	
108	117	11S	-0.78	13		110	76	08S	0.41	8	
108	117	12S	0.24	8		110	77	08S	-0.71	17	
109	1	14S	-0.76	24		110	81	08S	0.38	9	
109	2	14S	-0.8	13		110	83	08S	0.38	11	
109	3	14S	-0.82	12		110	84	08S	-0.77	6	
109	4	09S	-0.68	13		110	84	08S	0.38	18	
109	12	14S	-0.84	10		110	86	07S	0.54	6	
109	14	14S	0.11	7		110	86	08S	-0.76	6	
109	19	15S	-0.85	14		110	86	08S	0.36	17	
109	19	15S	0.11	10		110	86	09S	-0.81	5	
109	23	08S	-0.58	8		110	90	08S	-0.76	7	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
110	109	09S	-0.68	11		111	115	10S	-0.65	35	
110	109	10S	-0.68	17		111	115	10S	0.41	6	
110	110	09S	-0.7	8		111	116	09S	0.39	15	
110	110	09S	0.43	5		111	116	10S	-0.7	18	
110	110	10S	-0.72	13		112	16	14S	-0.99	6	
110	111	09S	-0.7	10		112	16	14S	0.16	6	
110	111	09S	0.45	7		112	17	14S	-0.92	9	
110	111	10S	-0.67	17		112	17	14S	0.16	7	
110	111	10S	0.43	4		112	21	15S	-0.38	11	
110	112	10S	-0.68	32		112	22	08S	-0.47	8	
110	112	10S	0.39	6		112	38	08S	0.4	4	
111	2	14S	-0.68	8		112	41	09S	-0.76	7	
111	3	10S	-0.7	10		112	47	08S	0.38	8	
111	15	09S	0.36	5		112	48	08S	0.38	9	
111	34	08S	-0.73	9		112	49	08S	-0.71	9	
111	34	08S	0.36	6		112	49	08S	0.36	6	
111	44	08S	-0.71	6		112	55	08S	-0.73	8	
111	45	08S	0.42	5		112	69	06S	0.56	5	
111	69	08S	0.42	6		112	69	08S	-0.7	10	
111	70	07S	0.41	7		112	69	08S	0.4	8	
111	70	08S	-0.68	11		112	69	09S	-0.79	7	
111	70	08S	0.38	11		112	71	08S	-0.69	10	
111	71	08S	0.41	6		112	71	08S	0.43	9	
111	76	08S	-0.7	13		112	75	08S	0.38	16	
111	76	08S	0.41	11		112	77	08S	0.43	14	
111	82	08S	-0.74	9		112	87	08S	-0.78	10	
111	82	08S	0.4	9		112	87	08S	0.4	8	
111	86	08S	0.36	10		112	110	10S	0.36	7	
111	87	08S	-0.76	6		112	111	10S	0.38	11	
111	87	08S	0.41	17		112	112	09S	0.38	7	
111	90	08S	0.38	11		112	112	10S	-0.7	11	
111	107	09S	0.41	5		112	113	09S	-0.68	17	
111	111	08S	0.43	9		112	113	10S	-0.7	24	
111	113	09S	-0.72	6		112	114	10S	-0.7	18	
111	113	09S	0.41	7		112	114	12S	-0.73	9	
111	113	10S	-0.7	11		112	115	09S	0.41	10	
111	114	09S	-0.76	7		112	115	10S	-0.73	31	
111	114	09S	0.4	7		112	115	10S	0.44	9	
111	114	10S	-0.7	25		113	1	13S	-0.73	26	
111	114	10S	0.4	10		113	1	14S	-0.81	14	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
113	1	14S	0.24	7		114	23	14S	0.13	11	
113	4	12S	-0.79	9		114	51	08S	-0.74	8	
113	7	13S	-0.81	8		114	52	08S	-0.78	5	
113	15	14S	-0.81	9		114	63	08S	-0.7	8	
113	15	14S	0.16	7		114	64	08S	0.38	7	
113	26	08S	-0.67	7		114	66	08S	-0.8	7	
113	26	08S	0.36	5		114	67	08S	-0.74	8	
113	29	08S	-0.72	10		114	67	09S	0.38	6	
113	37	08S	0.38	7		114	68	08S	0.4	12	
113	38	08S	0.34	5		114	69	08S	0.38	7	
113	39	08S	-0.69	9		114	75	08S	0.4	14	
113	39	08S	0.34	12		114	76	07S	0.56	7	
113	41	08S	-0.67	7		114	77	07S	0.54	12	
113	47	08S	-0.72	9		114	77	08S	0.36	11	
113	68	08S	-0.7	11		114	77	09S	-0.81	10	
113	68	08S	0.43	7		114	79	08S	0.41	8	
113	70	08S	-0.72	10		114	80	08S	0.39	7	
113	71	09S	0.34	14		114	85	08S	0.38	12	
113	72	08S	-0.72	9		114	109	09S	-0.7	14	
113	72	08S	0.41	6		114	110	09S	0.38	12	
113	76	08S	0.39	7		114	112	10S	-0.7	10	
113	77	07S	0.54	7		114	112	10S	0.36	5	
113	79	08S	-0.76	7		114	113	09S	0.38	13	
113	81	08S	0.36	10		114	113	10S	-0.72	18	
113	86	08S	0.38	7		114	114	09S	0.41	7	
113	110	09S	0.43	5		114	114	10S	0.39	6	
113	110	10S	0.29	6		114	115	10S	-0.68	23	
113	111	10S	0.36	18		114	115	10S	0.41	16	
113	112	10S	-0.7	12		114	115	11S	0.29	19	
113	113	10S	0.43	9		114	115	12S	-0.75	14	
113	114	10S	-0.72	12		115	1	13S	-0.73	24	
113	115	10S	-0.73	11		115	1	14S	-0.81	12	
113	115	10S	0.44	7		115	2	13S	-0.73	10	
113	116	10S	-0.75	20		115	3	14S	-0.84	7	
113	116	10S	0.41	11		115	5	09S	0.41	5	
114	3	13S	0.36	9		115	24	08S	-0.64	11	
114	7	14S	-0.77	14		115	26	08S	-0.66	7	
114	7	14S	0.2	8		115	27	08S	-0.72	12	
114	22	14S	-0.97	10		115	28	08S	-0.75	10	
114	22	14S	0.14	8		115	28	08S	0.35	14	

TMI-1 Steam Generator Tube Inspection Report (T1R22)
Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
115	29	06S	-0.7	7		116	12	14S	-0.93	5	
115	29	08S	0.36	7		116	22	15S	0.09	11	
115	29	09S	-0.7	7		116	26	08S	-0.75	8	
115	34	08S	-0.75	11		116	26	08S	0.35	5	
115	37	08S	0.38	6		116	27	08S	-0.72	7	
115	38	08S	-0.77	11		116	28	08S	-0.73	8	
115	38	09S	0.35	8		116	29	08S	-0.74	8	
115	40	08S	0.35	8		116	30	08S	-0.64	7	
115	42	08S	0.37	9		116	31	08S	-0.74	9	
115	47	08S	-0.77	8		116	32	08S	-0.79	9	
115	55	08S	-0.74	12		116	33	08S	-0.7	12	
115	56	08S	-0.74	8		116	34	08S	-0.77	10	
115	57	08S	-0.74	9		116	35	08S	0.34	6	
115	63	08S	-0.72	9		116	59	08S	0.43	7	
115	63	08S	0.41	7		116	64	08S	-0.74	10	
115	64	08S	-0.69	16		116	64	08S	0.4	7	
115	65	08S	-0.78	5		116	66	08S	0.38	7	
115	71	08S	0.41	17		116	68	08S	-0.71	16	
115	75	08S	0.41	8		116	75	08S	0.41	9	
115	77	08S	0.36	8		116	76	08S	0.38	15	
115	79	08S	-0.74	7		116	77	08S	0.39	8	
115	81	08S	0.36	16		116	78	08S	0.38	16	
115	82	06S	-0.61	5		116	80	08S	-0.74	10	
115	84	08S	-0.77	4		116	80	08S	0.38	18	
115	85	08S	0.36	19		116	81	08S	-0.65	8	
115	108	09S	-0.7	9		116	81	08S	0.39	20	
115	109	09S	0.38	13		116	82	08S	-0.74	10	
115	109	10S	-0.7	11		116	82	08S	0.4	13	
115	110	10S	-0.72	7		116	83	07S	0.56	7	
115	110	10S	0.34	11		116	83	08S	-0.7	6	
115	111	10S	-0.7	24		116	83	08S	0.36	9	
115	111	10S	0.38	8		116	83	09S	-0.7	7	
115	112	09S	0.41	10		116	84	08S	-0.69	8	
115	112	10S	-0.7	24		116	84	08S	0.38	14	
115	113	09S	0.36	6		116	84	09S	0.36	8	
115	113	10S	-0.75	5		116	107	09S	0.38	10	
115	114	10S	-0.7	15		116	108	09S	0.38	8	
116	2	12S	-0.76	9		116	108	10S	-0.7	8	
116	2	13S	-0.73	8		116	108	10S	0.38	8	
116	3	13S	-0.79	9		116	110	10S	0.41	8	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		TW	Comment	Row	Tube	Location		TW	Comment
		TSP	Offset					TSP	Offset		
116	111	10S	-0.7	28		117	85	08S	0.36	19	
116	112	09S	0.36	7		117	85	09S	-0.74	11	
116	112	10S	-0.78	8		117	86	09S	0.36	5	
116	112	10S	0.41	7		117	106	09S	0.36	5	
116	112	11S	-0.73	12		117	107	10S	0.36	12	
116	113	10S	-0.7	9		117	109	10S	-0.7	10	
117	1	12S	-0.78	6		117	110	10S	-0.7	11	
117	1	13S	-0.74	23		117	110	10S	0.44	9	
117	2	12S	-0.78	9		117	110	11S	-0.68	12	
117	3	12S	-0.73	8		117	111	13S	0.34	9	
117	3	13S	-0.73	14		118	6	14S	-0.77	14	
117	4	13S	-0.79	13		118	6	14S	0.11	9	
117	16	09S	0.38	9		118	11	14S	-0.79	10	
117	20	15S	0.16	10		118	11	14S	0.18	6	
117	27	08S	-0.76	6		118	14	15S	0.16	7	
117	28	08S	-0.76	10		118	19	15S	0.14	9	
117	29	08S	-0.76	5		118	20	15S	0.14	9	
117	33	08S	-0.74	11		118	24	08S	0.36	5	
117	35	08S	-0.78	8		118	27	08S	-0.76	7	
117	39	08S	-0.77	8		118	35	08S	-0.73	10	
117	42	08S	0.38	5		118	35	08S	0.33	7	
117	43	08S	0.39	7		118	36	08S	0.56	5	
117	44	08S	0.34	8		118	40	08S	-0.72	8	
117	46	08S	-0.77	8		118	43	08S	-0.77	9	
117	48	05S	0.43	7		118	44	08S	-0.79	7	
117	61	08S	0.38	8		118	44	08S	0.36	8	
117	62	08S	0.41	8		118	45	08S	-0.72	9	
117	64	08S	-0.77	9		118	51	08S	-0.77	9	
117	64	08S	0.36	10		118	52	08S	-0.78	6	
117	67	08S	0.4	8		118	57	08S	-0.74	6	
117	68	08S	-0.79	4		118	59	08S	0.38	10	
117	73	08S	0.38	12		118	62	08S	-0.78	9	
117	74	08S	0.36	9		118	64	08S	0.4	10	
117	75	08S	0.41	18		118	66	08S	0.43	9	
117	76	08S	0.39	10		118	67	08S	0.38	15	
117	77	08S	0.41	7		118	68	08S	0.41	9	
117	78	08S	-0.75	6		118	69	08S	0.38	10	
117	78	08S	0.39	12		118	70	08S	0.39	11	
117	79	08S	0.36	14		118	71	08S	-0.79	8	
117	85	08S	-0.69	12		118	71	08S	0.38	14	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		TW	Comment
		TSP	Offset		
118	72	08S	0.39	16	
118	73	08S	-0.72	11	
118	73	08S	0.38	18	
118	81	08S	-0.76	6	
118	82	08S	0.36	6	
118	83	08S	0.38	10	
118	85	08S	0.4	14	
118	105	10S	0.34	8	
118	106	10S	-0.72	9	
118	106	10S	0.32	9	
118	108	10S	-0.72	11	
118	110	10S	-0.68	21	
119	2	13S	-0.73	11	
119	6	11S	0.3	11	
119	18	15S	0.16	9	
119	25	08S	-0.74	8	
119	26	08S	-0.67	8	
119	30	08S	-0.76	7	
119	33	08S	-0.76	10	
119	35	08S	0.35	9	
119	35	09S	0.35	6	
119	36	08S	-0.76	8	
119	36	08S	0.36	8	
119	38	06S	-0.58	6	
119	38	08S	-0.76	8	
119	38	08S	0.36	7	
119	41	07S	0.53	6	
119	42	08S	-0.76	11	
119	44	08S	-0.77	8	
119	44	08S	0.38	6	
119	47	08S	-0.79	6	
119	57	08S	0.41	12	
119	58	08S	0.41	8	
119	64	08S	-0.74	6	
119	66	08S	0.39	6	
119	68	08S	0.36	9	
119	69	08S	0.38	13	
119	70	08S	-0.72	5	
119	70	08S	0.39	6	
119	72	08S	-0.77	6	

Row	Tube	Location		TW	Comment
		TSP	Offset		
119	72	08S	0.36	10	
119	73	08S	-0.72	8	
119	73	08S	0.38	10	
119	76	08S	-0.72	5	
119	76	08S	0.34	7	
119	82	08S	-0.65	7	
119	82	08S	0.38	11	
119	103	09S	0.38	8	
119	103	10S	0.29	10	
119	104	09S	0.41	9	
119	105	10S	-0.68	8	
119	105	10S	0.38	5	
119	105	11S	-0.81	10	
119	107	10S	-0.7	5	
119	107	11S	-0.66	6	
120	3	13S	0.32	16	
120	4	14S	-0.86	10	
120	5	10S	-0.72	16	
120	5	10S	0.36	12	
120	5	14S	-0.77	13	
120	6	10S	-0.72	12	
120	6	13S	0.29	10	
120	6	14S	-0.77	12	
120	8	14S	-0.88	11	
120	8	14S	0.16	6	
120	16	15S	0.18	8	
120	20	15S	-0.42	15	
120	22	09S	0.38	8	
120	25	08S	-0.79	7	
120	29	08S	0.33	9	
120	30	08S	-0.76	7	
120	32	08S	-0.79	7	
120	33	08S	-0.76	10	
120	35	08S	-0.67	7	
120	36	08S	0.38	10	
120	43	08S	-0.77	11	
120	43	08S	0.38	10	
120	43	09S	-0.81	15	
120	44	08S	0.41	5	
120	44	09S	-0.81	9	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
120	45	08S	-0.76	6		121	30	08S	-0.76	10	
120	47	08S	-0.74	7		121	30	08S	0.31	8	
120	51	08S	-0.76	8		121	31	08S	-0.76	5	
120	51	08S	0.4	8		121	32	08S	-0.76	9	
120	52	08S	0.36	7		121	33	08S	-0.56	7	
120	53	08S	0.43	7		121	34	08S	-0.73	10	
120	55	08S	0.4	9		121	35	08S	-0.65	7	
120	59	08S	-0.78	6		121	36	08S	-0.78	10	
120	62	08S	0.41	5		121	37	08S	-0.76	6	
120	67	08S	-0.61	7		121	43	08S	-0.77	16	
120	70	08S	0.34	14		121	44	08S	0.36	8	
120	71	08S	0.38	11		121	48	08S	-0.76	6	
120	75	08S	0.38	7		121	48	08S	0.38	7	
120	76	08S	0.38	13		121	57	08S	-0.77	7	
120	77	08S	-0.7	11		121	63	08S	-0.74	6	
120	78	09S	-0.7	6		121	63	08S	0.38	7	
120	79	08S	-0.71	16		121	65	08S	0.36	8	
120	79	08S	0.38	20		121	66	08S	0.36	15	
120	79	09S	-0.74	16		121	67	08S	0.39	9	
120	80	08S	-0.68	9		121	69	08S	0.41	8	
120	98	09S	0.41	6		121	71	08S	-0.74	7	
120	99	09S	0.38	8		121	72	08S	0.31	9	
120	99	10S	0.29	12		121	76	07S	0.56	9	
120	100	09S	0.32	6		121	76	08S	0.38	12	
120	100	10S	0.36	6		121	77	08S	-0.73	9	
120	104	10S	-0.7	11		121	82	09S	0.36	6	
121	4	10S	-0.7	11		121	101	10S	0.29	6	
121	5	14S	-0.79	12		121	105	10S	-0.73	29	
121	6	09S	0.36	8		121	106	11S	0.27	12	
121	6	13S	0.32	14		122	1	10S	-0.68	7	
121	7	13S	0.27	17		122	2	12S	-0.76	14	
121	8	14S	-0.82	14		122	2	13S	-0.78	12	
121	8	14S	0.18	8		122	4	14S	-0.88	8	
121	11	14S	0.2	9		122	6	09S	0.36	6	
121	14	14S	-0.88	9		122	6	13S	-0.86	7	
121	14	14S	0.2	8		122	8	14S	-0.86	10	
121	20	14S	-0.87	8		122	9	14S	-0.74	11	
121	22	14S	-0.96	7		122	10	11S	0.27	9	
121	22	14S	0.18	7		122	13	14S	0.22	7	
121	29	08S	-0.74	7		122	16	14S	-0.86	10	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
122	16	14S	0.18	8		122	100	10S	0.38	5	
122	17	15S	0.18	6		122	104	10S	-0.7	20	
122	30	08S	-0.65	7		123	2	12S	-0.76	15	
122	31	08S	-0.78	10		123	2	13S	-0.75	19	
122	32	08S	-0.67	7		123	4	13S	-0.77	14	
122	33	08S	-0.78	10		123	6	13S	0.27	9	
122	34	08S	-0.74	8		123	7	13S	0.27	21	
122	35	08S	-0.78	11		123	7	14S	-0.83	9	
122	36	08S	-0.78	9		123	8	14S	-0.79	8	
122	46	08S	0.36	6		123	9	14S	-0.34	15	
122	46	09S	-0.75	8		123	13	14S	-0.83	9	
122	51	08S	-0.78	6		123	13	14S	0.22	8	
122	52	08S	0.38	9		123	15	14S	-0.36	14	
122	53	08S	0.43	9		123	16	14S	0.2	7	
122	55	08S	-0.76	7		123	20	09S	-0.65	6	
122	56	08S	-0.76	9		123	30	08S	-0.7	7	
122	56	08S	0.41	8		123	31	08S	-0.78	9	
122	59	08S	-0.78	7		123	32	08S	-0.67	8	
122	62	08S	0.36	10		123	33	08S	-0.76	10	
122	63	07S	0.54	7		123	34	08S	-0.76	8	
122	63	08S	-0.76	7		123	35	08S	-0.75	8	
122	63	08S	0.38	11		123	37	08S	-0.75	10	
122	64	08S	-0.76	6		123	38	08S	-0.78	6	
122	64	08S	0.38	7		123	39	07S	0.55	9	
122	65	07S	0.58	9		123	39	08S	-0.8	12	
122	65	08S	0.36	11		123	39	08S	0.38	16	
122	71	08S	0.38	13		123	39	09S	-0.82	20	
122	75	08S	-0.7	12		123	46	08S	0.38	7	
122	76	07S	0.55	5		123	48	08S	-0.76	12	
122	76	08S	-0.69	13		123	48	08S	0.36	10	
122	76	08S	0.36	11		123	51	08S	-0.74	7	
122	76	09S	-0.74	13		123	53	08S	-0.74	9	
122	76	09S	0.36	6		123	53	08S	0.41	10	
122	80	07S	0.51	6		123	55	08S	-0.81	6	
122	80	08S	-0.68	15		123	57	08S	0.38	13	
122	80	08S	0.38	12		123	58	08S	0.38	11	
122	80	09S	-0.78	10		123	60	08S	0.36	8	
122	97	09S	0.41	7		123	61	08S	-0.76	8	
122	99	10S	0.34	9		123	61	08S	0.38	17	
122	99	12S	-0.86	8		123	62	08S	0.38	8	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
123	64	08S	0.36	8		124	95	09S	0.41	6	
123	73	08S	-0.75	12		124	95	14S	0.23	6	
123	97	09S	0.39	7		124	102	10S	-0.7	14	
123	103	09S	0.39	8		124	102	12S	0.29	10	
123	103	10S	-0.7	19		124	103	12S	0.2	9	
123	104	12S	0.29	13		125	1	12S	-0.78	9	
124	1	13S	-0.83	11		125	1	13S	-0.78	11	
124	2	12S	-0.86	8		125	5	13S	-0.83	9	
124	3	10S	-0.73	6		125	6	13S	0.27	17	
124	3	13S	-0.8	12		125	7	10S	-0.72	13	
124	7	09S	0.38	6		125	7	13S	-0.84	8	
124	7	14S	-0.86	13		125	8	09S	0.34	9	
124	7	14S	0.18	10		125	8	14S	-0.77	11	
124	8	09S	0.38	9		125	9	14S	-0.79	11	
124	10	14S	0.14	8		125	9	14S	0.11	8	
124	11	14S	-0.79	12		125	11	14S	-0.88	7	
124	11	14S	0.16	6		125	13	14S	-0.79	9	
124	21	14S	0.75	7		125	13	14S	0.14	5	
124	23	15S	0.16	5		125	19	14S	0.2	7	
124	29	08S	-0.63	7		125	42	08S	-0.76	7	
124	31	08S	-0.76	15		125	48	08S	-0.78	6	
124	32	08S	-0.8	7		125	48	08S	0.36	10	
124	33	08S	-0.69	11		125	49	08S	-0.76	6	
124	34	08S	-0.73	12		125	50	08S	-0.76	8	
124	35	08S	-0.74	14		125	50	08S	0.36	13	
124	35	08S	0.36	7		125	53	08S	0.36	7	
124	36	08S	-0.69	9		125	55	08S	-0.72	9	
124	37	08S	-0.76	8		125	55	08S	0.34	7	
124	38	08S	-0.73	11		125	56	08S	-0.78	8	
124	38	08S	0.35	10		125	57	08S	-0.69	7	
124	41	08S	-0.76	8		125	57	08S	0.36	8	
124	41	08S	0.38	6		125	59	07S	0.58	5	
124	41	09S	-0.83	11		125	59	08S	-0.74	10	
124	49	08S	-0.76	8		125	59	08S	0.34	12	
124	52	08S	-0.8	7		125	62	08S	-0.74	13	
124	58	08S	-0.76	8		125	62	08S	0.4	9	
124	60	08S	0.4	9		125	62	09S	-0.81	9	
124	70	08S	-0.71	15		125	63	08S	-0.78	6	
124	93	14S	-0.77	13		125	64	08S	-0.75	12	
124	94	14S	0.18	8		125	75	08S	-0.75	9	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location						Location					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
125	93	09S	0.41	10		127	32	08S	-0.78	9	
125	95	14S	-0.75	11		127	41	07S	0.55	11	
125	100	13S	0.22	18		127	41	08S	-0.79	14	
125	101	10S	-0.73	25		127	41	08S	0.33	13	
125	101	12S	-0.95	10		127	42	08S	-0.77	9	
126	1	12S	-0.78	11		127	43	08S	-0.79	10	
126	1	13S	-0.78	16		127	43	08S	0.35	8	
126	5	13S	0.27	15		127	44	08S	0.35	8	
126	6	13S	0.27	10		127	45	08S	-0.77	8	
126	8	09S	0.38	10		127	50	08S	-0.79	9	
126	8	13S	0.29	14		127	51	08S	-0.79	7	
126	27	08S	-0.67	8		127	61	08S	-0.78	8	
126	29	08S	-0.69	8		127	61	08S	0.38	13	
126	31	08S	-0.65	7		127	67	08S	-0.75	14	
126	32	08S	-0.76	9		127	68	08S	-0.67	9	
126	33	08S	-0.76	10		127	90	09S	0.38	9	
126	34	08S	-0.77	9		127	97	09S	0.39	10	
126	35	08S	-0.69	13		127	97	12S	-0.85	6	
126	36	08S	-0.75	15		128	4	13S	0.29	17	
126	45	08S	-0.69	8		128	7	10S	-0.75	18	
126	46	08S	-0.76	10		128	7	14S	-0.77	17	
126	47	08S	-0.78	8		128	11	14S	0.23	10	
126	53	08S	-0.75	8		128	20	14S	0.2	8	
126	59	08S	0.39	6		128	28	08S	-0.7	7	
126	65	08S	-0.74	21		128	30	08S	-0.69	7	
126	66	09S	0.36	8		128	31	08S	-0.78	9	
126	69	08S	0.38	10		128	33	08S	-0.77	10	
126	85	14S	-0.88	7		128	35	08S	-0.73	11	
126	90	09S	0.38	10		128	35	09S	0.35	9	
126	90	14S	-0.84	8		128	36	08S	-0.79	8	
126	92	10S	0.25	10		128	37	08S	-0.77	8	
126	98	13S	0.32	12		128	41	08S	-0.79	6	
127	1	13S	-0.81	10		128	46	08S	-0.78	10	
127	5	14S	-0.86	12		128	46	08S	0.37	8	
127	9	14S	-0.79	13		128	47	08S	-0.78	9	
127	10	14S	-0.86	9		128	50	07S	0.55	7	
127	11	14S	-0.77	12		128	50	08S	-0.74	10	
127	11	14S	0.14	13		128	50	08S	0.35	13	
127	26	09S	0.4	7		128	51	08S	-0.7	14	
127	30	08S	-0.76	9		128	51	08S	0.4	11	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		TW	Comment
		TSP	Offset		
128	52	08S	-0.79	7	
128	52	08S	0.35	5	
128	53	08S	-0.72	21	
128	53	08S	0.42	15	
128	54	08S	-0.73	13	
128	55	08S	-0.78	11	
128	59	08S	-0.73	11	
128	61	08S	-0.67	13	
128	63	08S	-0.8	9	
128	64	08S	-0.76	13	
128	84	10S	0.36	8	
128	87	11S	-0.72	11	
128	90	13S	0.27	17	
128	91	09S	0.29	12	
128	91	13S	0.29	9	
129	1	12S	-0.81	10	
129	9	09S	0.36	8	
129	9	14S	-0.72	17	
129	9	14S	0.14	9	
129	11	14S	-0.74	15	
129	12	14S	-0.79	13	
129	12	14S	0.16	7	
129	13	14S	-0.88	13	
129	14	14S	0.18	9	
129	19	14S	0.25	8	
129	29	14S	-0.79	11	
129	33	14S	0.16	6	
129	34	14S	-0.89	7	
129	34	14S	0.16	9	
129	43	08S	-0.72	8	
129	45	08S	-0.69	6	
129	46	08S	-0.79	8	
129	48	08S	-0.79	10	
129	48	08S	0.35	8	
129	49	08S	-0.73	6	
129	51	08S	-0.76	7	
129	52	08S	-0.79	13	
129	54	08S	0.4	7	
129	55	08S	-0.71	8	
129	55	08S	0.36	7	

Row	Tube	Location		TW	Comment
		TSP	Offset		
129	65	08S	-0.73	12	
129	84	09S	0.36	11	
129	86	10S	0.27	15	
129	93	12S	0.24	6	
129	93	13S	0.22	18	
129	93	14S	-0.8	8	
129	94	11S	0.19	11	
130	1	09S	-0.73	10	
130	7	13S	0.2	6	
130	8	09S	0.32	10	
130	9	09S	-0.7	7	
130	9	09S	0.38	6	
130	13	14S	-0.77	11	
130	14	14S	0.23	16	
130	15	14S	0.23	7	
130	21	14S	-0.77	9	
130	21	14S	0.23	8	
130	51	08S	-0.78	8	
130	52	08S	-0.74	8	
130	62	08S	-0.74	7	
130	85	10S	0.34	11	
130	91	12S	-0.83	13	
130	91	12S	0.27	14	
130	91	13S	-0.73	19	
130	91	13S	0.27	23	
130	93	09S	-0.68	10	
131	1	12S	-0.83	10	
131	1	13S	-0.76	25	
131	1	13S	0.34	12	
131	3	13S	-0.82	6	
131	7	09S	0.32	10	
131	8	09S	-0.72	18	
131	8	09S	0.34	16	
131	12	14S	-0.77	16	
131	12	14S	0.14	7	
131	17	14S	0.23	8	
131	18	14S	-0.85	12	
131	18	14S	0.07	10	
131	19	14S	-0.83	13	
131	19	14S	0.18	7	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
131	21	14S	-0.83	9		132	87	12S	-0.76	11	
131	25	14S	0.23	10		132	87	12S	0.27	13	
131	29	08S	-0.67	7		132	87	13S	-0.76	11	
131	30	08S	-0.78	9		132	87	13S	0.22	19	
131	31	15S	-0.77	9		132	88	13S	-0.76	11	
131	49	08S	-0.69	6		132	88	13S	0.24	11	
131	50	08S	-0.76	9		132	89	13S	-0.73	12	
131	53	08S	-0.76	6		133	1	12S	-0.81	13	
131	55	08S	-0.69	7		133	1	13S	-0.76	15	
131	82	10S	0.29	13		133	1	13S	0.29	13	
131	82	11S	-0.72	15		133	8	09S	0.32	13	
131	88	11S	-0.84	9		133	9	09S	-0.72	12	
131	89	09S	0.39	7		133	80	10S	0.36	9	
131	89	12S	-0.85	8		133	80	14S	-0.88	8	
131	89	12S	0.27	7		133	80	14S	0.2	7	
131	89	13S	-0.76	17		133	86	09S	0.39	15	
131	89	13S	0.27	17		133	86	11S	0.27	12	
131	90	11S	0.19	11		133	86	12S	-0.78	10	
132	1	13S	-0.91	11		133	86	13S	-0.73	18	
132	6	10S	-0.72	8		133	86	13S	0.32	13	
132	6	13S	0.29	14		133	87	09S	0.24	14	
132	7	09S	0.39	7		134	1	13S	-0.79	23	
132	7	13S	0.29	8		134	7	09S	-0.72	23	
132	8	09S	-0.7	12		134	7	09S	0.34	13	
132	8	09S	0.38	20		134	8	09S	-0.72	14	
132	15	14S	-0.77	13		134	8	09S	0.36	11	
132	15	14S	0.23	7		134	12	14S	-0.83	9	
132	17	14S	-0.86	12		134	14	14S	-0.86	10	
132	21	14S	0.18	13		134	19	14S	-0.74	13	
132	23	14S	0.2	13		134	22	14S	-0.83	11	
132	27	15S	0.16	10		134	22	14S	0.22	8	
132	28	09S	0.72	8		134	27	14S	-0.81	11	
132	31	08S	-0.78	9		134	28	14S	-0.8	14	
132	36	15S	0.16	9		134	34	15S	0.16	9	
132	45	08S	-0.77	9		134	39	08S	-0.73	8	
132	58	08S	-0.78	7		134	45	08S	-0.77	16	
132	81	10S	0.34	9		134	75	14S	0.16	6	
132	81	11S	-0.72	10		134	76	14S	0.2	13	
132	82	10S	0.29	15		134	77	14S	-0.9	9	
132	84	11S	-0.74	11		134	79	10S	0.36	9	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
134	80	10S	0.29	18		136	13	14S	-0.77	6	
134	83	12S	0.24	11		136	14	14S	-0.86	8	
134	83	13S	-0.81	14		136	16	14S	-0.88	7	
134	83	13S	0.32	7		136	17	14S	-0.77	10	
134	84	09S	0.39	11		136	21	14S	-0.66	15	
134	84	11S	0.32	18		136	28	14S	-0.8	11	
134	84	12S	0.32	11		136	28	14S	0.2	7	
134	84	13S	-0.78	16		136	30	14S	0.2	11	
134	84	13S	0.32	17		136	32	14S	-0.79	12	
134	85	09S	-0.73	10		136	43	14S	0.2	13	
135	1	09S	0.39	7		136	58	14S	-0.85	10	
135	8	09S	-0.7	19		136	58	14S	0.2	6	
135	8	09S	0.38	12		136	61	14S	0.18	9	
135	9	09S	-0.75	10		136	63	09S	0.41	7	
135	22	14S	0.25	8		136	63	14S	-0.88	8	
135	28	14S	-0.81	11		136	65	09S	0.41	8	
135	28	14S	0.18	8		136	65	14S	-0.86	7	
135	38	14S	-0.81	16		136	75	10S	0.39	10	
135	38	14S	0.2	8		136	76	10S	0.38	14	
135	43	14S	0.13	7		136	77	09S	0.41	7	
135	45	14S	0.16	7		136	77	10S	0.43	6	
135	48	14S	0.72	7		136	81	12S	0.27	10	
135	48	15S	0.11	7		136	81	13S	0.27	9	
135	54	15S	-0.97	8		137	1	09S	-0.71	9	
135	54	15S	0.18	10		137	6	13S	-0.72	18	
135	56	15S	0.18	10		137	6	13S	0.41	11	
135	73	14S	0.23	8		137	7	09S	0.39	7	
135	78	09S	0.36	10		137	8	09S	-0.74	10	
135	78	10S	0.36	18		137	8	09S	0.38	10	
135	78	11S	-0.73	9		137	8	10S	-0.7	14	
135	78	13S	0.36	6		137	9	09S	0.41	8	
135	79	10S	0.41	13		137	14	14S	-0.79	13	
135	82	12S	-0.78	10		137	18	14S	-0.77	14	
135	83	13S	0.34	8		137	40	14S	-0.86	20	
135	84	09S	0.39	9		137	40	14S	0.14	10	
135	84	10S	-0.73	11		137	44	14S	0.14	8	
136	6	09S	0.38	10		137	52	15S	0.14	10	
136	8	09S	-0.74	24		137	55	14S	-0.8	10	
136	8	09S	0.34	12		137	55	14S	0.2	9	
136	12	14S	-0.84	8		137	56	14S	0.18	11	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		TW	Comment	Row	Tube	Location		TW	Comment
		TSP	Offset					TSP	Offset		
137	59	14S	-0.86	12		138	60	09S	0.41	7	
137	59	14S	0.2	11		138	60	10S	0.36	9	
137	62	09S	0.43	10		138	60	11S	-0.75	9	
137	63	09S	0.39	16		138	61	10S	0.32	13	
137	63	10S	0.29	9		138	62	09S	0.32	16	
137	64	10S	0.34	11		138	62	10S	0.32	8	
137	65	09S	0.41	25		138	62	11S	-0.79	7	
137	65	10S	0.38	13		138	63	09S	0.41	16	
137	66	10S	0.39	8		138	63	10S	0.38	11	
137	66	12S	-0.82	9		138	64	09S	0.39	15	
137	67	09S	0.41	16		138	64	12S	-0.75	15	
137	67	10S	0.34	15		138	65	10S	0.41	12	
137	68	09S	-0.68	15		138	65	12S	-0.81	12	
137	69	10S	0.38	11		138	65	12S	0.27	9	
137	70	15S	0.18	10		138	66	09S	0.39	15	
137	73	10S	0.41	10		138	66	10S	0.41	9	
137	74	10S	0.41	17		138	67	09S	0.38	11	
137	74	11S	-0.75	10		138	67	10S	0.34	17	
137	75	13S	0.34	8		138	68	10S	0.41	16	
137	79	10S	-0.75	8		138	68	11S	-0.75	11	
137	80	10S	-0.68	16		138	69	09S	-0.68	16	
137	80	11S	0.24	11		138	69	09S	0.38	15	
137	80	12S	0.22	9		138	69	10S	0.41	12	
137	80	13S	-0.84	21		138	70	10S	0.41	15	
137	80	13S	0.25	9		138	71	09S	0.38	9	
138	1	09S	-0.71	10		138	71	10S	0.41	12	
138	1	09S	0.44	7		138	72	10S	0.41	9	
138	5	10S	-0.7	10		139	6	09S	0.38	8	
138	7	10S	-0.7	17		139	6	10S	-0.74	20	
138	8	09S	0.41	12		139	7	09S	-0.7	10	
138	10	14S	-0.84	8		139	7	09S	0.39	13	
138	15	14S	-0.84	9		139	13	09S	0.43	7	
138	39	14S	0.16	13		139	13	10S	-0.72	9	
138	42	14S	0.23	9		139	18	10S	-0.7	19	
138	43	14S	-0.84	8		139	18	10S	0.29	10	
138	44	14S	-0.34	23		139	27	14S	-0.81	8	
138	49	14S	0.2	10		139	34	14S	-0.89	9	
138	54	14S	-0.77	13		139	42	14S	-0.86	15	
138	54	14S	0.23	6		139	45	14S	0.2	7	
138	59	09S	0.39	13		139	52	14S	-0.77	11	

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location						Location					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
139	55	14S	-0.88	8		140	8	09S	0.41	9	
139	57	10S	0.25	8		140	9	09S	-0.7	17	
139	57	11S	-0.72	9		140	10	10S	0.36	9	
139	58	09S	0.36	12		140	11	09S	-0.67	10	
139	59	09S	0.41	11		140	12	09S	-0.72	9	
139	59	10S	0.36	8		140	12	09S	0.39	14	
139	59	11S	-0.84	9		140	27	14S	-0.74	10	
139	60	09S	0.38	12		140	30	14S	-0.79	18	
139	60	12S	-0.75	11		140	30	14S	0.2	12	
139	60	12S	0.23	7		140	38	14S	-0.9	9	
139	61	09S	0.41	12		140	38	15S	0.18	7	
139	61	10S	-0.7	7		140	44	14S	0.23	10	
139	61	10S	0.32	8		140	46	14S	-0.88	13	
139	61	12S	-0.7	18		140	51	14S	-0.77	11	
139	62	09S	0.41	10		140	51	14S	0.23	12	
139	62	10S	0.36	11		140	54	09S	0.36	10	
139	62	12S	-0.82	7		140	54	11S	-0.75	7	
139	62	12S	0.23	9		140	54	14S	-0.75	15	
139	63	12S	0.29	9		140	55	09S	0.36	8	
139	65	09S	0.36	13		140	55	10S	0.34	12	
139	65	12S	-0.72	12		140	56	09S	0.38	8	
139	66	09S	0.32	15		140	56	10S	0.36	12	
139	66	12S	-0.79	6		140	56	12S	-0.75	10	
139	66	15S	0.18	10		140	56	12S	0.27	7	
139	67	09S	0.32	20		140	57	09S	0.38	7	
139	67	10S	0.41	13		140	57	12S	-0.77	7	
139	67	12S	-0.81	9		140	58	10S	-0.7	8	
139	68	09S	0.38	16		140	58	12S	-0.75	7	
139	68	10S	0.43	6		140	58	15S	0.18	11	
139	68	12S	-0.73	13		140	59	12S	-0.75	15	
139	69	10S	0.41	16		140	60	12S	-0.72	12	
139	69	12S	-0.79	9		140	61	10S	-0.68	7	
139	72	13S	0.34	11		140	61	12S	0.25	7	
139	73	09S	0.41	11		140	61	15S	0.16	9	
140	6	09S	-0.7	9		140	62	09S	0.43	7	
140	6	09S	0.38	6		140	63	09S	0.34	11	
140	6	10S	-0.7	8		140	63	12S	-0.79	10	
140	7	09S	0.4	8		140	64	12S	-0.79	12	
140	7	10S	-0.72	13		140	64	12S	0.29	12	
140	8	09S	-0.68	24		140	65	12S	-0.79	8	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment	Row	Tube	Location		%	Comment
		TSP	Offset					TSP	Offset		
140	66	12S	0.29	7		141	61	12S	0.27	9	
140	69	11S	-0.83	12		141	62	12S	-0.81	8	
140	69	12S	-0.88	11		141	62	12S	0.29	7	
140	69	13S	-0.93	11		141	63	12S	-0.79	20	
141	7	09S	-0.7	24		141	63	12S	0.27	7	
141	7	10S	-0.7	10		141	64	09S	0.41	12	
141	8	09S	-0.68	15		141	65	09S	0.37	9	
141	8	10S	-0.7	9		141	67	12S	0.25	9	
141	8	13S	0.18	7		141	67	13S	-0.83	12	
141	9	09S	-0.67	13		141	67	13S	0.2	6	
141	9	10S	-0.7	11		141	68	09S	-0.76	9	
141	10	09S	-0.7	12		141	68	09S	0.34	17	
141	10	09S	0.39	7		141	68	10S	-0.66	16	
141	10	10S	-0.7	8		141	68	12S	0.29	20	
141	11	10S	-0.69	13		142	9	10S	-0.7	9	
141	12	10S	-0.72	8		142	10	10S	-0.7	8	
141	13	10S	0.36	12		142	11	10S	-0.74	22	
141	14	09S	-0.68	24		142	12	09S	0.41	6	
141	14	09S	0.36	9		142	12	10S	-0.72	24	
141	15	09S	-0.74	14		142	14	09S	-0.74	10	
141	15	10S	-0.72	10		142	14	10S	-0.72	21	
141	15	11S	-0.69	10		142	15	10S	-0.7	8	
141	38	14S	-0.79	14		142	34	14S	-0.7	9	
141	38	14S	0.18	6		142	34	14S	0.2	7	
141	39	08S	-0.77	7		142	35	14S	-0.77	14	
141	43	14S	-0.93	9		142	35	14S	0.2	8	
141	46	14S	0.18	11		142	37	14S	0.2	8	
141	47	10S	0.39	9		142	38	14S	0.23	12	
141	52	10S	0.36	8		142	39	14S	0.23	9	
141	53	09S	0.39	12		142	40	14S	0.18	12	
141	53	10S	0.36	23		142	41	14S	-0.83	9	
141	54	09S	0.34	12		142	42	14S	-0.86	8	
141	54	10S	0.36	12		142	42	14S	0.23	14	
141	54	11S	-0.68	10		142	43	14S	0.25	9	
141	55	10S	0.38	13		142	44	14S	0.18	10	
141	55	11S	-0.72	19		142	45	09S	0.41	8	
141	55	11S	0.34	8		142	45	14S	-0.86	13	
141	55	12S	-0.77	9		142	45	14S	0.16	9	
141	56	12S	-0.74	11		142	46	08S	-0.75	7	
141	58	12S	-0.72	9		142	46	14S	-0.86	18	

TMI-1 Steam Generator Tube Inspection Report (T1R22)
Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location						Location					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
142	46	14S	0.2	7		143	12	10S	-0.7	18	
142	46	15S	0.21	7		143	17	14S	-0.88	10	
142	47	14S	-0.77	17		143	21	09S	0.38	23	
142	48	14S	-0.86	9		143	22	09S	0.36	9	
142	48	14S	0.23	14		143	22	10S	0.36	8	
142	50	10S	0.39	12		143	22	11S	-0.76	11	
142	50	14S	-0.8	20		143	23	09S	-0.7	14	
142	50	14S	0.23	9		143	25	10S	0.34	6	
142	51	09S	-0.68	11		143	25	14S	-0.93	7	
142	51	10S	0.38	28		143	32	14S	-0.77	17	
142	52	09S	0.36	10		143	32	14S	0.23	10	
142	52	10S	0.38	13		143	38	14S	-0.77	13	
142	53	10S	0.41	10		143	38	14S	0.2	10	
142	54	10S	0.41	7		143	40	10S	0.34	10	
142	54	12S	-0.77	7		143	40	14S	-0.82	22	
142	55	12S	-0.72	11		143	40	14S	0.2	12	
142	56	12S	-0.72	13		143	40	15S	0.23	6	
142	57	12S	0.32	7		143	41	10S	0.32	11	
142	58	12S	-0.75	8		143	41	11S	-0.7	9	
142	58	12S	0.29	7		143	42	09S	0.41	7	
142	59	12S	-0.72	14		143	42	10S	0.38	12	
142	59	12S	0.34	7		143	42	14S	-0.88	12	
142	60	12S	0.32	10		143	42	14S	0.25	9	
142	61	10S	-0.71	10		143	43	09S	-0.68	11	
142	62	10S	-0.68	11		143	43	14S	-0.82	18	
142	63	09S	0.39	18		143	44	10S	0.36	8	
142	63	10S	-0.71	13		143	45	09S	0.43	9	
142	64	09S	0.32	14		143	45	14S	-0.82	9	
142	65	12S	-0.86	26		143	46	14S	-0.74	10	
142	65	12S	0.29	23		143	46	14S	0.25	14	
142	65	13S	-0.78	13		143	47	10S	0.39	12	
142	65	13S	0.39	11		143	48	09S	0.43	6	
142	65	14S	-0.81	17		143	48	10S	0.38	15	
143	2	10S	-0.73	12		143	48	14S	-0.86	9	
143	3	10S	-0.7	15		143	49	10S	0.39	25	
143	4	10S	-0.7	17		143	49	14S	-0.79	11	
143	5	10S	-0.7	11		143	51	12S	-0.75	14	
143	10	09S	0.36	7		143	53	12S	0.29	8	
143	10	10S	-0.72	16		143	55	10S	-0.7	10	
143	11	10S	-0.75	14		143	55	10S	0.41	8	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%	Comment
		TSP	Offset		
143	56	12S	0.29	8	
143	58	10S	-0.73	9	
143	58	10S	0.39	16	
143	58	11S	-0.65	8	
143	59	10S	0.44	15	
143	60	10S	0.39	10	
144	2	10S	-0.75	8	
144	2	13S	0.17	19	
144	3	05S	-0.62	8	
144	3	10S	-0.72	11	
144	4	10S	-0.73	15	
144	4	14S	-0.76	11	
144	5	10S	-0.73	22	
144	5	14S	-0.71	15	
144	5	14S	0.32	8	
144	6	10S	-0.72	11	
144	6	14S	-0.72	17	
144	6	14S	0.34	8	
144	7	10S	-0.67	34	
144	8	10S	-0.74	16	
144	8	14S	-0.77	13	
144	8	14S	0.29	8	
144	9	09S	0.38	17	
144	9	10S	-0.7	33	
144	9	14S	-0.79	8	
144	9	15S	0.27	12	
144	10	10S	-0.72	23	
144	10	11S	-0.68	9	
144	10	14S	-0.81	6	
144	11	10S	-0.68	11	
144	17	10S	0.36	13	
144	18	09S	-0.7	10	
144	18	10S	-0.7	9	
144	19	10S	-0.72	11	
144	19	11S	0.32	8	
144	20	10S	-0.68	9	
144	20	12S	-0.73	8	
144	21	09S	-0.75	12	
144	21	09S	0.36	15	
144	21	10S	0.36	8	

Row	Tube	Location		%	Comment
		TSP	Offset		
144	21	11S	-0.77	19	
144	21	11S	0.3	5	
144	22	09S	-0.74	9	
144	22	09S	0.34	15	
144	22	11S	-0.7	11	
144	32	14S	-0.88	15	
144	32	15S	0.21	7	
144	33	14S	-0.83	16	
144	34	14S	-0.86	9	
144	35	10S	0.34	12	
144	36	10S	0.36	12	
144	38	09S	0.39	16	
144	38	14S	-0.91	7	
144	39	09S	0.36	11	
144	39	10S	0.34	11	
144	39	11S	-0.77	9	
144	40	09S	-0.7	8	
144	40	09S	0.38	16	
144	40	10S	0.38	13	
144	41	09S	-0.7	12	
144	43	10S	0.41	10	
144	44	10S	0.41	14	
144	44	11S	-0.72	7	
144	45	10S	0.41	23	
144	48	09S	0.43	10	
144	48	12S	0.29	9	
144	49	09S	0.32	10	
144	49	10S	0.45	7	
144	49	12S	0.27	8	
144	50	10S	0.41	13	
144	51	09S	0.43	9	
144	51	10S	-0.67	9	
144	52	10S	0.38	10	
144	53	10S	-0.72	8	
144	53	10S	0.34	14	
145	3	10S	-0.68	7	
145	3	14S	-0.75	10	
145	3	14S	0.32	9	
145	4	10S	-0.72	16	
145	4	14S	-0.76	16	

TMI-1 Steam Generator Tube Inspection Report (T1R22)
Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location						Location					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
145	4	14S	0.29	10		145	38	10S	0.36	13	
145	5	10S	-0.75	12		145	39	10S	0.38	18	
145	6	14S	-0.74	13		145	39	11S	-0.72	9	
145	6	14S	0.29	10		145	40	09S	0.41	21	
145	7	10S	-0.74	28		145	40	11S	-0.77	12	
145	7	14S	-0.74	15		145	41	10S	0.41	13	
145	7	14S	0.32	9		145	42	09S	0.39	9	
145	8	10S	-0.7	15		145	42	11S	-0.77	8	
145	8	10S	0.39	12		145	43	10S	0.38	21	
145	8	11S	-0.7	12		145	43	11S	-0.7	9	
145	8	14S	0.29	7		145	45	12S	-0.77	7	
145	11	10S	-0.7	11		145	46	12S	-0.75	11	
145	12	09S	-0.68	9		145	47	10S	0.39	8	
145	14	11S	-0.75	9		145	47	12S	0.32	13	
145	16	09S	0.36	8		145	48	10S	0.39	8	
145	17	10S	-0.72	23		145	48	12S	-0.8	10	
145	18	10S	-0.79	14		145	49	10S	-0.72	9	
145	19	10S	-0.77	11		145	49	10S	0.41	25	
145	19	13S	-0.77	16		145	49	12S	-0.73	10	
145	19	13S	0.34	12		145	49	12S	0.27	11	
145	20	09S	-0.72	24		145	50	08S	-0.72	12	
145	20	09S	0.36	14		145	50	10S	0.43	12	
145	20	13S	-0.84	7		145	50	11S	-0.72	9	
145	20	13S	0.25	10		146	1	09S	0.44	7	
145	21	09S	-0.73	21		146	2	10S	-0.77	7	
145	21	11S	0.34	9		146	2	14S	-0.76	16	
145	22	09S	-0.7	16		146	2	14S	0.37	8	
145	23	09S	-0.7	11		146	3	13S	0.17	11	
145	24	10S	0.34	12		146	4	10S	-0.7	11	
145	32	10S	0.34	10		146	6	10S	-0.72	8	
145	32	14S	-0.84	8		146	7	09S	0.38	10	
145	33	09S	0.41	20		146	11	09S	0.4	26	
145	33	10S	0.27	9		146	12	10S	0.41	8	
145	34	09S	0.41	23		146	13	10S	0.38	10	
145	34	10S	0.39	14		146	14	10S	0.36	6	
145	34	14S	-0.91	6		146	14	11S	-0.75	6	
145	35	09S	0.36	8		146	15	09S	0.38	13	
145	36	09S	0.39	18		146	15	10S	-0.74	13	
145	37	09S	0.38	17		146	15	13S	-0.77	8	
145	37	10S	0.41	8		146	15	13S	0.27	13	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
146	16	11S	-0.74	12		146	40	10S	0.41	15	
146	17	10S	0.36	9		146	41	10S	0.39	12	
146	19	09S	0.38	14		146	44	12S	-0.82	11	
146	19	10S	-0.7	8		146	44	12S	0.29	12	
146	20	09S	-0.7	21		146	45	09S	0.44	10	
146	20	09S	0.34	12		146	45	10S	-0.7	7	
146	21	09S	-0.7	15		146	45	10S	0.36	20	
146	21	10S	0.36	10		146	46	09S	0.39	14	
146	22	10S	0.32	12		146	46	10S	0.36	22	
146	25	09S	-0.7	12		146	47	09S	0.41	10	
146	25	09S	0.36	14		146	47	10S	0.36	17	
146	26	10S	0.34	10		146	47	12S	-0.75	12	
146	26	11S	-0.75	11		146	47	12S	0.29	17	
146	26	13S	0.27	9		146	47	13S	-0.77	10	
146	26	14S	-0.79	8		146	47	13S	0.36	12	
146	27	10S	0.36	10		147	1	13S	0.2	9	
146	27	13S	0.27	10		147	3	10S	-0.7	9	
146	28	09S	0.36	9		147	4	10S	-0.7	8	
146	29	09S	0.36	10		147	5	10S	-0.67	14	
146	29	10S	0.39	17		147	6	09S	0.38	5	
146	29	13S	0.27	21		147	6	10S	-0.75	14	
146	30	09S	0.43	7		147	6	10S	0.41	7	
146	30	10S	0.34	12		147	7	09S	0.43	8	
146	30	11S	-0.75	8		147	7	10S	-0.69	12	
146	31	10S	0.39	11		147	8	10S	-0.68	13	
146	31	12S	-0.77	7		147	13	10S	-0.74	13	
146	31	13S	0.29	22		147	13	10S	0.36	15	
146	32	10S	0.38	7		147	14	10S	-0.7	20	
146	33	09S	0.32	8		147	16	10S	-0.72	18	
146	34	10S	-0.7	8		147	17	10S	-0.7	16	
146	34	10S	0.36	13		147	18	10S	-0.7	8	
146	35	09S	0.32	18		147	19	11S	-0.72	9	
146	35	10S	0.39	7		147	20	09S	-0.68	10	
146	36	09S	0.32	10		147	21	10S	0.39	10	
146	37	10S	0.36	19		147	23	10S	0.36	10	
146	37	11S	-0.75	9		147	24	09S	0.34	9	
146	38	09S	0.36	7		147	24	10S	0.38	8	
146	38	10S	0.41	12		147	24	11S	-0.72	9	
146	39	10S	-0.7	9		147	24	12S	-0.82	6	
146	39	10S	0.38	11		147	25	10S	0.36	12	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

Location %						Location %					
Row	Tube	TSP	Offset	TW	Comment	Row	Tube	TSP	Offset	TW	Comment
147	25	11S	-0.77	12		149	11	10S	-0.7	10	
147	26	09S	0.41	8		149	13	10S	-0.7	7	
147	26	10S	0.36	8		149	14	10S	-0.74	6	
147	26	11S	-0.72	12		149	16	13S	-0.8	8	
147	27	10S	0.38	14		149	16	13S	0.34	7	
147	27	11S	-0.75	15		149	23	13S	-0.77	7	
147	27	13S	0.27	24		149	25	13S	-0.77	9	
147	27	14S	-0.88	6		149	31	09S	0.39	21	
147	28	10S	0.38	9		149	31	10S	-0.68	8	
147	29	10S	0.39	17		149	32	10S	0.38	9	
147	29	13S	-0.73	10		149	33	12S	-0.75	13	
147	29	13S	0.32	9		149	34	10S	0.36	8	
147	29	14S	-0.84	8		149	36	12S	-0.82	16	
147	30	09S	0.38	12		149	36	13S	-0.7	16	
147	30	10S	0.38	11		149	36	13S	0.34	13	
147	31	09S	0.36	9		150	2	10S	-0.72	9	
147	31	10S	0.36	14		150	3	10S	-0.7	13	
147	33	09S	0.29	9		150	4	10S	-0.65	10	
147	33	13S	0.34	7		150	5	10S	-0.7	10	
147	34	09S	0.41	16		150	6	10S	-0.7	8	
147	35	09S	0.34	7		150	7	10S	-0.7	9	
148	1	13S	-0.7	6		150	7	12S	-0.88	11	
148	2	10S	-0.7	9		150	8	12S	-0.73	11	
148	4	10S	-0.68	7		150	8	13S	-0.82	17	
148	9	10S	-0.69	15		150	9	10S	-0.7	8	
148	10	10S	-0.68	12		150	10	10S	-0.65	9	
148	11	10S	-0.72	19		150	11	10S	-0.7	10	
148	12	10S	-0.7	16		150	12	10S	-0.67	11	
148	15	10S	-0.7	7		150	15	10S	-0.68	10	
148	16	13S	0.31	13		150	17	10S	-0.68	8	
148	17	10S	-0.72	11		150	24	09S	0.39	8	
148	20	13S	-0.77	18		150	27	09S	0.39	16	
148	22	13S	-0.72	23		150	27	12S	0.32	8	
148	25	10S	-0.7	7		150	27	13S	-0.78	11	
148	27	07S	-0.57	6		150	29	12S	-0.78	10	
148	28	09S	0.47	8		150	31	10S	-0.65	9	
149	3	10S	-0.68	11		151	2	12S	-0.85	10	
149	4	10S	-0.7	7		151	4	11S	0.27	7	
149	6	10S	-0.7	11		151	5	09S	-0.72	11	
149	8	10S	-0.7	7		151	5	11S	0.32	8	

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 1, Exhibit 1

SG B, Broached TSP Wear Indications Sized by Bobbin Probe, Outage T1R22

<div>Location %</div>						<div>Location %</div>					
<u>Row</u>	<u>Tube</u>	<u>TSP</u>	<u>Offset</u>	<u>TW</u>	<u>Comment</u>	<u>Row</u>	<u>Tube</u>	<u>TSP</u>	<u>Offset</u>	<u>TW</u>	<u>Comment</u>
151	5	14S	-0.78	11							
151	6	10S	-0.72	7							
151	8	07S	-0.75	9							
151	8	10S	-0.7	7							
151	9	12S	-0.9	11							
151	9	13S	-0.92	8							
151	9	14S	-0.83	20							
151	22	09S	-0.73	10							
151	23	12S	0.29	12							

TMI-1 Steam Generator Tube Inspection Report (T1R22)
Attachment 2, Exhibit 1

SG B, Drilled Support TSP Wear Indications Sized by +Point Probe, Outage T1R22

Row	Tube	Location		TW	Circ Length (in.)	Percent Degraded Area
		TSP	Offset			
8	5	15S	+0.27	17	0.80	7
8	6	15S	+0.25	18	0.82	8
10	6	15S	+0.25	18	0.80	7
11	8	15S	+0.42	18	0.87	4
13	8	15S	+0.27	18	0.78	3
46	118	15S	+0.45	28	0.23	10
108	3	15S	+0.22	22	0.89	9
144	5	15S	+0.35	17	0.68	4
144	6	15S	+0.35	21	0.84	7
144	8	15S	+0.30	11	0.73	2
145	6	15S	+0.35	16	0.82	4
146	2	15S	+0.42	10	0.48	7
150	3	15S	+0.27	14	0.50	8

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 3, Exhibit 1

SG B, Tube-to-Tube Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%		Row	Tube	Location		%	
		TSP	Offset					TSP	Offset		
22	52	08S	18.4	12		29	33	08S	18.84	8	
22	53	08S	18.02	10		29	38	08S	18.18	9	
22	62	08S	16.98	17		29	39	08S	18.09	8	
22	63	08S	17.05	19		29	42	07S	19.84	7	
22	67	08S	18.46	8		29	42	08S	17.89	10	
23	46	08S	18.63	9		29	68	08S	18	12	
23	47	08S	18.97	7		29	69	08S	17.83	10	
23	52	08S	17.9	7		29	80	08S	17.4	11	
23	60	08S	17.87	9		30	31	08S	18.04	11	
23	61	07S	19.89	11		30	32	08S	17.94	14	
23	61	08S	17.81	7		30	33	08S	18.25	12	
23	62	07S	19.86	10		30	34	08S	18.7	11	
23	63	08S	16.7	12		30	35	08S	18.62	10	
23	67	08S	18.48	10		30	36	08S	17.73	10	
24	50	08S	18	10		30	37	08S	19.1	8	
24	55	08S	17.83	8		30	42	08S	18.43	11	
25	29	08S	18.63	10		30	73	08S	18.58	11	
25	33	08S	18.66	13		30	74	08S	19.32	10	
25	39	08S	18	16		30	80	08S	17.55	10	
25	48	08S	18.15	8		30	81	08S	18.69	12	
25	59	08S	17.31	8		31	32	08S	17.73	9	
26	29	08S	17.64	10		31	35	08S	18.13	10	
26	30	08S	19.27	11		31	38	08S	17.23	8	
26	33	08S	17.82	14		31	41	08S	18.29	9	
26	39	08S	16.96	15		31	45	08S	17.41	10	
26	43	08S	17.75	12		31	56	08S	17.43	11	
26	49	08S	18.16	8		31	64	08S	17.89	7	
26	68	08S	18.54	7		31	65	08S	18.23	8	
27	44	08S	17.39	11		31	73	08S	18.12	9	
27	49	08S	18.03	9		32	25	08S	17.99	8	
27	50	08S	17.76	9		32	26	08S	18.68	11	
27	63	08S	17.56	7		32	27	08S	18.38	11	
27	69	08S	17.11	9		32	28	08S	17.81	8	
28	32	07S	20.64	9		32	29	08S	17.74	12	
28	42	07S	18.98	10		32	34	08S	19.3	8	
28	63	08S	17.67	9		32	35	08S	18.75	9	
28	68	08S	17.93	9		32	40	08S	17.21	9	
29	31	08S	16.98	10		32	44	08S	17.9	10	
29	32	07S	20.31	7		32	55	08S	17.26	9	
29	32	08S	17.88	15		32	56	08S	17.57	11	

TMI-1 Steam Generator Tube Inspection Report (T1R22)
Attachment 3, Exhibit 1

SG B, Tube-to-Tube Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%
		TSP	Offset	
32	59	08S	18.72	10
32	67	08S	18.56	11
32	68	08S	18.7	6
32	69	08S	17.87	11
32	73	08S	18.83	11
32	77	08S	18.27	10
33	26	08S	19.23	9
33	27	08S	18.82	9
33	28	08S	18.41	11
33	30	08S	18.25	12
33	48	08S	18.05	7
33	49	08S	18.08	9
33	61	08S	18.02	11
33	69	08S	18.55	11
33	75	08S	18.52	10
33	79	08S	18.43	9
34	25	08S	18.62	10
34	26	08S	20.29	10
34	27	08S	19.87	15
34	78	08S	19.04	8
34	86	07S	20.29	11
34	87	07S	19.88	11
35	25	08S	18.68	9
35	26	08S	18.56	11
35	27	08S	19.63	13
35	28	08S	18.75	9
35	30	08S	19.5	11
35	31	08S	17.1	7
35	34	08S	19.5	7
35	35	08S	18.44	7
35	36	08S	19.04	7
35	79	08S	18.89	11
36	30	08S	17.61	10
36	31	08S	18.32	9
36	34	08S	19.9	8
36	35	08S	18.68	8
36	37	08S	18.26	8
38	33	08S	18.89	10
38	74	08S	18.73	8
38	75	08S	19.04	8

Row	Tube	Location		%
		TSP	Offset	
39	33	08S	19.56	10
39	34	08S	17.98	11
39	90	08S	17.94	9
39	91	08S	17.73	11
40	33	08S	16.7	9
40	34	08S	18.11	9
40	90	08S	17.52	9
40	91	08S	18.02	8
40	95	08S	16.63	9
40	96	08S	17.96	9
41	89	08S	16.56	10
41	92	08S	18.76	8
42	25	08S	18.82	11
42	26	08S	18.85	9
42	27	08S	17.49	8
42	87	08S	18.5	10
42	89	08S	18.5	9
42	90	08S	17.32	11
43	24	08S	18.38	11
43	25	08S	19.36	9
43	26	08S	19.41	12
43	32	08S	18.27	10
43	91	08S	17.75	9
44	24	08S	18.19	12
44	32	08S	17.19	9
44	33	08S	18.4	9
45	24	08S	18.69	11
45	28	08S	18.22	12
45	32	08S	19.22	9
45	84	08S	18.29	14
46	24	08S	19.62	8
46	25	08S	18.89	11
46	26	08S	19.18	8
46	29	08S	17.74	11
46	32	08S	18.14	10
46	83	08S	19.29	11
46	84	08S	18.59	19
46	85	08S	18.66	11
46	99	08S	18.16	9

TMI-1 Steam Generator Tube Inspection Report (T1R22)
Attachment 3, Exhibit 1

SG B, Tube-to-Tube Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%
		TSP	Offset	
46	103	08S	18.45	9
47	97	08S	17.53	8
47	98	08S	18.44	9
47	101	08S	17.93	16
47	102	08S	17.58	12
48	99	08S	18.26	8
50	103	08S	16.75	16
50	104	08S	18.99	10
51	31	08S	18.83	8
51	103	08S	19.02	12
52	31	08S	18.26	10
52	104	08S	18.65	11
52	106	08S	18.37	13
53	100	08S	18.52	7
53	101	08S	18.24	7
53	104	08S	18.87	10
53	105	08S	19.18	12
54	103	08S	18.46	9
54	105	08S	18.44	12
54	106	08S	19.38	9
55	104	08S	18.28	10
55	106	08S	17.92	10
56	34	08S	18.8	11
56	107	08S	18.47	6
56	108	08S	18.42	9
57	31	08S	17.77	10
57	34	08S	18.84	12
57	111	08S	18.29	11
58	32	08S	18.11	9
58	112	08S	18.41	12
61	111	08S	17.54	11
61	112	08S	18.38	10
66	83	07S	18.95	9
66	84	07S	20.05	9
68	112	08S	18.01	9
68	113	08S	17.98	9
68	114	08S	16.7	14
69	113	08S	16.89	16
69	114	08S	16.39	14
70	112	08S	17.69	14

Row	Tube	Location		%
		TSP	Offset	
76	110	08S	17.74	8
77	112	08S	18.39	8
78	101	04S	18.93	11
79	102	04S	19.21	11
79	102	08S	19.12	7
79	103	08S	18.73	5
79	114	08S	18.01	8
80	26	08S	18.49	9
80	114	08S	18	8
81	27	08S	18.53	9
81	34	08S	18.95	7
82	34	08S	19.03	6
85	109	08S	18.17	10
86	22	08S	19.37	13
86	107	08S	17.84	6
86	108	08S	18.29	9
86	109	08S	18.33	9
87	22	08S	19.37	11
87	109	08S	19.81	9
88	110	08S	18.79	11
89	111	08S	18.12	10
90	100	04S	19.34	10
90	100	08S	18.49	7
91	102	04S	17.75	10
91	102	08S	18.63	7
91	110	08S	18.02	8
91	111	08S	19.34	8
92	30	08S	18.36	8
93	23	08S	18.45	11
93	30	08S	18.41	9
93	103	08S	17.2	6
94	24	08S	19.07	10
94	26	08S	19.23	10
94	103	08S	17.68	5
95	26	08S	19.4	9
95	100	08S	17.58	5
96	100	08S	17.36	6
97	103	08S	17.81	8
97	104	08S	18.01	9
98	102	08S	17.94	10

TMI-1 Steam Generator Tube Inspection Report (T1R22)

Attachment 3, Exhibit 1

SG B, Tube-to-Tube Wear Indications Sized by Bobbin Probe, Outage T1R22

Row	Tube	Location		%
		TSP	Offset	
99	95	08S	17.96	5
99	101	08S	18.13	9
99	102	08S	17.84	9
100	32	08S	17.63	8
100	94	08S	17.98	6
100	100	08S	18.04	8
101	32	08S	17.69	8
101	94	08S	17.6	10
101	95	08S	17.66	10
105	92	08S	17.86	7
105	95	08S	18.38	9
106	78	04S	18.15	12
106	92	08S	17.88	8
106	95	08S	18.1	9
107	77	04S	17.57	12
107	77	08S	17.92	11
107	78	08S	18.95	11
112	71	08S	18.72	8
113	71	08S	18.74	9
114	42	08S	16.93	6
115	37	07S	19.53	10
115	42	08S	17.65	7
115	83	08S	17.89	8
115	84	08S	17.92	8
116	34	08S	17.09	9
116	35	08S	17.6	11
116	37	07S	20.56	9
116	37	08S	17.73	6
116	38	08S	17.59	6
116	86	08S	17.78	9
116	87	08S	18	8
117	83	08S	17.79	8
118	35	08S	18.4	12
118	36	08S	17.87	12
118	82	08S	18.16	9
118	83	08S	17.79	10
119	75	08S	18.11	6
119	78	08S	17.91	11
119	79	08S	18.19	11
119	81	08S	18.13	10

Row	Tube	Location		%
		TSP	Offset	
119	82	08S	17.84	9
120	73	08S	18.77	7
121	71	08S	18.8	8
122	70	08S	18.98	7
123	66	08S	17.63	7
123	67	08S	17.17	7
124	48	08S	17.49	7
124	49	08S	17.15	8
124	61	08S	21.72	7