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Cycle 15 Refueling (T1R15) Inservice Inspection (ISI) Summary Report

Submittal of the Owner's Data Reports for Inservice Inspections is required by the American Society of Mechanical Engineers (ASME) Code, Section XI. Enclosure 1, "NIS-1 Owner's Data Report for Inservice Inspections," covers the 1R15 OTSG examinations and other ISI examinations conducted between December 7, 2001 and December 4, 2003. The report includes the Third ISI Interval examinations performed in accordance with the ASME Code, Section XI, 1995 Edition with addenda through 1996.

Attachment 1 to Enclosure 1, Topical Report (TR) No. 151, "Report on the 2003 Outage 1R15 Eddy Current Examinations of the TMI-1 OTSG Tubing," provides the results from the OTSG tube inservice inspections (ISI) in accordance with Technical Specification 4.19.5.b.

Enclosure 2, "Form NIS-2 Owner's Report for Repairs or Replacements," includes the NIS-2 Forms covering repairs or replacements where documentation was completed between March 7, 2002 and February 20, 2004. NIS-2 Reports completed after February 20, 2004 will be included with our next submittal following the Cycle 16 Refueling Outage (T1R16).

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Results from containment examinations performed in accordance with ASME Section XI, Subsection IWE are included in this submittal. No containment examinations in accordance with Subsection IWL have been performed since our last submittal.

Respectfully,

A handwritten signature in black ink, appearing to read "Michael P. Gallagher". The signature is fluid and cursive, with a large, sweeping flourish at the end.

Michael P. Gallagher
Director - Licensing and Regulatory Affairs
AmerGen Energy Company, LLC

Enclosures

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AmerGenSM

An Exelon Company

TMI UNIT 1

T1R15 OUTAGE

ASME Code Section XI

Inservice Inspection (ISI)

Owner's Data Reports

C O N T E N T S

NO. 1	ENCLOSURE 1 Form NIS-1 Owner's Data Report
NO. 2	Attachment 1 Report on 2003 Outage T1R15 Eddy Current Examinations of TMI-1 OTSG Tubing
NO. 3	NIS-1 Table 1 Terms and Definitions
NO. 4	Abstract of Pressure Boundary and Component Support Examinations
NO. 5	Abstract of Pressure Tests
NO. 6	Abstract of IWE Examinations
NO. 7	NIS-1 Table 2 Abstract of Pressure Boundary and Component Support Corrective Actions
NO. 8	ENCLOSURE 2 NIS-2 Reports - Documentation of Repairs/Replacements

FORM NIS-1 (back)

8. Examination Dates 12/07/01 to 12/04/03 9. Inspection Interval from 2001 to 2011, 3rd Interval* and, 2001 to 2011, 1st Interval**

10. Applicable Editions for Section XI/ Addenda
*Section XI 1995 Addenda 1996 for Subsections IWB, IWC, IWD, and IWF.
**Section XI 1992 Addenda 1992 for Subsections IWE, and IWL.

11. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. See Table 1, for IWB, IWC, IWD, IWE, and IWF.
See Attachment 1 for Steam Generator Eddy Current.

12. Abstract of Conditions Noted. See Table 2. See Attachment 1 for Steam Generator Eddy Current.

13. Abstract of Corrective Measures Recommended and Taken. See Table 2. See Attachment 1 for Steam Generator Eddy Current.

Certificate of Authorization No. (if applicable) N/A

Expiration Date N/A

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Date 2/11/04 Signed AmerGen Energy Co, LLC

By [Signature]
ISI, Program Engineer

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of PENNSYLVANIA and employed by H.S.B I&I CO. of CT. have inspected the components described in this Owners' Data Report during the period 12/07/01 to 12/04/03 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Date Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date FEBRUARY 18, 2004

[Signature]
Inspector's Signature

Commissions NB 5478 (N) (I) PA 1887
National Board, State, Province and No.

Report on the 2003 Outage 1R15 Eddy Current Examinations of the TMI-1 OTSG Tubing

Topical Report Number: 181
(Rev 0)

Gene Navratil *Gene Navratil* 2-16-04
Author Date

Richard Freeman *R. Freeman* 2-18-04
Reviewer Date

Design Verification Required? YES NO
N/A N/A
Design Verification Engineer Date

If yes - DV#: N/A

Scott Wilkerson *Scott Wilkerson* 2-20-04
Section Manager Date

Summary of Change

- 0 Original report issued to document Outage 1R15 eddy current examination results reported to the NRC.

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1. INTRODUCTION

On October 18, 2003, TMI-1 was shut down for Refueling Outage 1R15. During this refueling outage, TMI-1 performed Eddy Current (ECT) examinations of the Once Through Steam Generators (OTSGs). The scope of the examinations included tubing, sleeves and plugs. The examinations were required by TMI-1 Technical Specification 4.19 (Reference 1) and TMI-1 engineering requirements.

During Outage 1R15 all in-service tubes were examined with a bobbin coil probe. In addition, approximately 34% of the upper tubesheet kinetic expansions and approximately 80% of the lower tube ends were examined with a rotating probe. In OTSG-A, eddy current examinations were performed on 14,019 in-service tubes, 248 sleeves, and 92 installed plugs. In OTSG-B, eddy current examinations were performed on 14,979 in-service tubes, on 253 sleeves, and 7 installed plugs. The results of these examinations were evaluated and it was determined that the steam generators met required performance requirements throughout the Cycle 14 operating period.

2. METHODS

A. DATA ACQUISITION

The Eddy Current (ECT) Examinations were performed using the Zetec Miz-30 Digital Multi-Frequency Eddy Current System with EddyNet 11i Software. The data was directly recorded to hard disks located on site and then spooled to the remote analysis location for primary and secondary analysis. The ECT raw data and analysis results were then transferred to optical disc to a standalone server for site storage.

Data acquisition was performed remotely using the Framatome "ROGER" in head manipulators and Zetec Model 10D probe pushers. Dual guide tubes were used to the extent practical. Examinations were performed at all four channel heads simultaneously in order to meet the required examination schedule.

The ECT examinations were performed using a variety of techniques and probes that were tailored to address the specific areas of interest being examined. The techniques used for examination were based on industry qualified techniques that were site-validated, or were plant specific qualified techniques (where industry qualified techniques did not exist or were not applicable). The active and potential damage mechanisms were documented in the "TMI-1 Outage 1R15 Degradation Assessment & Condition Monitoring Checklist, Revision 1", Memorandum TMI-NOB-3, 5970-2003-023 (Reference 16). Table 2-1 provides a listing of the specific Appendix H qualification applicable for each damage mechanism. Framatome Technologies report 51-5005406-02, "Qualified Eddy Current Examination Techniques for Three Mile Island 1R15" (Reference 17) provided further details on site applicability for each examination technique. The examinations were performed under TMI-1 Surveillance Procedure 1300-4B (Reference 4) and Framatome Technologies Procedure 54-ISI-400-12 (Reference 5) and are further discussed in the following sections.

**TABLE 2-1
OUTAGE IR15 TECHNIQUE QUALIFICATIONS**

Degradation Mechanism/ Technique	Basis for Qualification (ETSS #'s are Appendix H Qualification Documents)	Site-Specific Data Review Performed/ Result
Tube-to-Tube Wear (Bobbin Probe)	ETSS #96004.1	Yes Acceptable
TSP Wear (Bobbin Probe)	ETSS #96004.1 (FRA-ANP Document 77-5011531-00)	Yes Acceptable (1)
OD Volumetric IGA Crevice (LTS Outside Kidney Region) (Bobbin Probe)	ETSS #96009.1 ETSS #96011.1	Yes Acceptable
OD Axial IGA/SCC Freespan (Bobbin Probe)	ETSS #96008.1 (FRA-ANP Documents 77-5002925-01, 77-1258722-00)	Yes Acceptable
OD Volumetric IGA Freespan, Drilled TSP's, Broached TSP's, and Sludge Pile (Bobbin Probe)	ETSS #96008.1 ETSS #96007.1 (FRA-ANP Documents 77-5002925-01, 77-1258722-00)	Yes Acceptable
ID IGA/SCC Freespan and TS Crevice (Bobbin Probe)	GPU Document C-1101-224- E280-072	Yes Acceptable
Impingement (Bobbin Probe)	ETSS #96002.1	Yes Acceptable
TSP Wear (MR +PointRotating Probe)	ETSS #96910.1	Yes Acceptable (1)

TABLE 2-1
OUTAGE 1R15 TECHNIQUE QUALIFICATIONS (Continued)

Degradation Mechanism/ Technique	Basis for Qualification (ETSS #'s are Appendix H Documents)	Site-Specific Data Review Performed/ Result
Tube-to-Tube Wear (MR +Point Rotating Probe)	ETSS #96910.1 (FANP Document 51-5015335-00)	Yes Acceptable
PWSCC/ID IGA (applicable to rolled plugs and tubing) (MR +Point Rotating Probe)	ETSS #20511.1 ETSS #20510.1 ETSS #96703.1 (FRA-ANP Document 51-5000345-02)	Yes Acceptable (2) (3) (4)
ODSCC (MR +Point Rotating Probe)	ETSS #21409.1 ETSS #21410.1 ETSS #21401.1 ETSS #22842.3	Yes Acceptable
Explosive Plug PWSCC (0.080" MR Pancake Rotating Probe)	ETSS #96501 (5)	Yes Acceptable
Thimble Plug OD IGA/SCC and PWSCC (MR +Point Rotating Probe)	ETSS #96912.1 ETSS #96912.2 (6)	See Note 6.
Sleeve (Low Frequency [LF] +Point Rotating Probe)	ETSS #96912.2 (FANP Documents 77-5001580-00 and 1241690)	Yes Acceptable
Sleeve Bobbin	ETSS #96008.1	Yes Acceptable

Notes:

1. The EPRI Appendix H bobbin technique is qualified for depth sizing; however, that method of depth sizing is not presently used in OTSG's. TSP wear depth sizing is based on rotating probe data or on the bobbin coil probe data. References 20 and 25 provide guidance for each technique when to be used for determining depth measurement. See Reference 21 for additional information on bobbin coil depth sizing for TSP wear.
2. This technique is qualified for sizing by length or depth percent through-wall of circumferential PWSCC at expansion transitions.
3. This technique is qualified for sizing by length or depth percent through-wall of axial PWSCC at dents.

4. This document provides the results of studies performed for TMI-1 to determine the expected depth and length sizing errors for various rotating coil eddy current probe examination techniques. As a result of this study, TMI chose to use the mid-frequency +Point coil for depth sizing ID IGA/SCC and length sizing crack-like indications. The 0.080" high frequency pancake coil was chosen to provide axial and circumferential length dimension for ID IGA volumetric indications. Based on this report, TMI has chosen to assign a potential 32.6% TW under measurement to percent through-wall measurements made on ID indications with the +Point coil in the kinetically expanded region (an indication measured as >67% TW is considered 100% TW for flaw leakage evaluation). The study also concluded that axial and circumferential length measurements are expected to be conservative (i.e., measured length is greater than actual flaw length) for both crack-like and ID volumetric indications. Pulled tube exams for the 12R outage confirmed that length measurements are conservative for the ID volumetric indications.
5. This examination technique has been retired by EPRI. It is used for examination of the active explosive plugs (85 total remaining at TMI-1). The qualification for this technique is considered valid because the qualification was simply retired by EPRI because of perceived lack of industry use and not because of poor flaw detection capability.
6. This is a non-qualified technique being used per Paragraph 6.2.6 of Reference 9. ETSS #96912.1 and #96912.2 are similar to the technique used this outage, with the exception that frequencies were adjusted to account for wall thickness differences. This plug design is applicable to 63 plugs at TMI-1 that were installed during steam generator manufacture. Only one other plant has plugs of this design. The plug wall thickness varies with location and is greater than normal tubes or plugs and less than sleeve applications, thus the selected examination frequencies are higher than those used for a sleeve examination and lower than those used for a tube or plug examination. The plug also contains a pressure boundary full penetration weld (different than a normal sleeve application). The use of this non-qualified technique is recognized in the TMI-1 Examination Guidelines Exceptions (Reference 26).

A.1 Tube Bobbin Coil Examinations

The general examination of tubing material was performed from the inside diameter of the tube using a bobbin coil probe. This probe is the most durable and efficient probe available and, when used with the proper ECT instrumentation, allows examination speeds in excess of 40 inches per second. Examinations were performed with a probe speed that did not exceed 40" per second. The data from this probe was used to detect tube wall degradation from such mechanisms as Intergranular Attack (IGA), Intergranular Stress Corrosion Cracking (IGSCC), tube-to-tube support plate wear, tube-to-tube wear, and impingement. The data acquired was also used to assure all tube support plates were present at their expected locations. All bobbin coil examinations were full length unless otherwise noted. For the purpose of this report, a full-length bobbin coil examination is from the kinetic expansion transition in the upper tubesheet to the roll expansion transition in the lower tubesheet. The 0.540" diameter probe was used to examine tubes with previously identified bobbin coil ID indications while the 0.510" probe was used for initial examination of all other tubes. A 0.480" diameter bobbin coil probe was used to examine the region of four tubes that would not pass a 0.510" diameter bobbin coil probe. All areas that did not pass a 0.480" bobbin coil probe were examined with a +Point probe.

Tubes with indications of suspected degradation found during the bobbin coil examinations were re-examined using an MRPC probe.

A.2 Sleeve Bobbin Coil Examinations

The unexpanded sections of sleeves were examined with a .400" bobbin coil probe to detect degradation mechanisms such as OD IGA, OD IGSCC, tube-to-tube wear, or tube-to-tube support plate wear. This probe was used for these examinations because of its durability and higher examination speed. The examinations were performed at a speed less than 12" per second because of the probe's tight fit in the sleeves.

A.3 Motorized Rotating Pancake Coil (MRPC) Tube Examinations

MRPC examinations of tubes were performed as diagnostic examinations following bobbin coil examinations, or for detection of specific degradation in areas where higher sensitivity and additional information were desired (e.g. kinetic expansions, lower tubesheet crevice, lower tube ends and expansion transitions, dented regions, and shop re-rolled tubes). The MRPC probe examinations were typically limited to specific lengths of tubes.

A.4 +Point Examination of Sleeves

See Figure 2-1 for TMI-1's sleeve configuration.

All of the TMI-1 sleeves are 80" long Inconel 690 sleeves that are installed at the upper end of the parent tube. The expansions (including expansion transitions) of sleeves were examined using a +Point rotating probe. The examinations were generally performed from approximately 3 inches below the lower sleeve end through the upper expansion transition in the middle sleeve roll (MSR) and/or an area in the upper tubesheet which included the upper expansion. This technique is required for examination of the parent tube below the lower sleeve end, the lower sleeve end, and roll expansion regions only; however, all acquired data was evaluated by the data analysts.

A.5 Lower Tubesheet Thimble Plug ECT Examinations

Lower tubesheet thimble plugs were examined using a rotating +Point coil probe. The examinations were performed primarily to detect primary water stress corrosion cracking (PWSCC) or OD IGA/SCC.

A.6 Explosively Welded Plug ECT Examinations

B&W explosively welded plugs were also examined using an MRPC probe. These examinations were performed primarily to detect PWSCC in the expanded regions and tapered portion of the plug. Based on experience at other plants, if cracking of these plugs were to occur it would be expected to be axially-oriented.

A.7 Westinghouse Rolled Plug ECT Examinations

Westinghouse rolled plugs were examined using a rotating +Point probe. The examinations were performed primarily to detect PWSCC in the roll transition regions.

B. DATA ANALYSIS PROCESS

Eddy current data analysis was performed using Exelon Procedure ER-AP-335-040, Revision 1 (Reference 8) and Exelon T&RM ER-TM-335-1005, Revision 2 (Reference 20). These documents are based on the recommendations of the EPRI PWR Steam Generator Inspection Guidelines (Reference 9) and also meet the requirements of the TMI-1 Technical Specifications (Reference 1) and the ASME Boiler and Pressure Vessel Code (Reference 10).

B.1 Data Analyst Qualifications

The data analysis process was performed by Framatome ANP (FRA-ANP) and Anatec International using personnel qualified and certified to at least Level IIA in accordance with the employers' approved QA/Training programs. In addition, these personnel were recognized as Qualified Data Analysts (QDA) as defined in the EPRI PWR Steam Generator Inspection Guidelines, Appendix G. As a supplement to these qualifications, all data analyst personnel received site-specific indoctrination and training. The program included both classroom lectures and "hands on" practice, using eddy current data and experience from TMI and other B&W-designed plants. The training covered recent industry experience, generic OTSG degradation mechanisms and examination methods, and specifically addressed the bobbin coil and rotating probe methods used at TMI. At the completion of training and indoctrination each data analyst was required to pass a performance demonstration prior to analyzing bobbin coil or rotating probe data for detection of flaws. The test was generated by the EPRI Site Specific Performance Demonstration (SSPD) program or, for methods that are not supported by the EPRI SSPD program, a pre-designed test.

B.2 Data Analysis Sequence

The data analysis process was performed in four (4) steps with at least two (2) separate data analysts evaluating the data from each examination. The data analysis process included:

1. Primary Analysis: The primary analysis included an evaluation of the ECT data and the recording of attributes identified in Appendix I over the full length of the exam. As stated previously, for bobbin coil examination of tubes, full length is the unexpanded portion of tube from the lower tubesheet roll expansion transition to the upper tubesheet kinetic expansion transition. For MRPC examinations of the upper tubesheet expansion transition and kinetic expansions, full length included the examined region of unexpanded tubing, the expansion transition, and a pre-defined length of expanded tube above the transition. The pre-defined length was displayed to the analyst and was based on required expansion length as defined in the particular kinetic expansion acceptance criteria. If indications were recorded in the transition or expanded region of the kinetic expansions, an additional 2.0" of expanded region was evaluated. Some tubes required evaluation beyond the minimum required length plus 2.0" to determine the acceptability of the expansion for continued service. In these cases the analyst recorded the actual expanded region examination length as part of the reported results.

For rotating probes, such as MRPC, the analysis included evaluation of the required examination area using strip chart displays, lissajous displays, and terrain plots. The analysis also included recording the phase angle, percent through wall, voltage, circumferential extent, axial extent, indication code, and/or location of any indications in expanded or unexpanded tubing as required by References 8, 20, and 25.

2. Secondary Analysis: This analysis was performed in the same manner as the primary analysis described above. The secondary analysis was performed by a different QDA than the QDA that performed the primary analysis.
3. Resolution Analysis: The results of both the primary and secondary analyses were reviewed by designated resolution analyst(s). This review combined the primary and secondary analyses results, resolved any discrepancies, and assigned final dimensions to any indications requiring length, width, and/or depth sizing. In the case of indications which were initially reported as exceeding the repair criteria by any analyst, but resolved as not requiring repair, a Level III QDA from both FRA-ANP and Anatec were required to concur that the indication did not exceed the repair criteria.
4. Designated QDA: A designated QDA reviewed the resolution analysis results. This review included reviews of all indications identified by a primary or secondary analyst as requiring repair that were overruled by resolution analysis, reviewing a sample of indications recorded during the analysis process, and reviewing indications as requested for reconsideration (by any primary or secondary analyst who may have disagreed with, or questioned, a resolution analysis evaluation).

B.3 Data Analysis Software

The data for examinations was evaluated using Zetec EddyNet Version 11i 1.4.

B.4 Recording of Indications

Eddy current indications were recorded to permit dispositioning the examination results and to facilitate monitoring the tubes during future examinations. The recorded indications fall into two basic groups, "indications from Tube Wall Degradation" (e.g., indications assigned a "VOL" code or "I" code); and "indications from Possible Damage Precursors" (e.g., indications assigned other three letter codes such as "DNT"). The specific criteria used to record indications were dependent upon the type of probe being used, and the type of exam (i.e., tube, plug, sleeve) that was performed. A list of abbreviations and definitions used to classify indications is included as Appendix I to this report.

Indications from Tube Wall Degradation

Generally indications of tube wall degradation were initially recorded during the primary and secondary analysis of the bobbin coil data. Some indications were assigned a "percent through wall" value based on the phase angle of the indications (if they were ID-initiated by bobbin coil examination) or based on flaw amplitude (if they were unchanged and previously dispositioned as tube-to-tube support plate wear by an MRPC probe during a previous examination). When the indication could not be accurately assigned a through wall value using bobbin coil examination data, it was assigned a three letter code such as BVC, ADI, or NQI to indicate the presence of a possible flaw. In these cases, the indication's location, amplitude, signal phase angle and three-letter code were recorded to permit further evaluation of the tube.

Once the initial screening of bobbin coil indications was completed, supplemental examinations were performed using rotating coil probes (generally 3-coil MRPC with +Point coil, 0.115" pancake coil, and 0.080" shielded high frequency pancake coil). The data from the rotating probe examinations was analyzed and indications were recorded using three letter codes to indicate the morphology of degradation and, in some cases, a percent through wall was assigned. In general, indications were recorded as SAI, MAI, SCI, MCI, SVI, MVI, or VOL. These codes indicate whether the indication is single (S) or multiple (M), circumferential (C) or axial (A), and whether or not a volumetric (V) condition is present. The "VOL" code signified that an indication was inside diameter initiated and volumetric in nature. Like the bobbin coil indications, these codes were recorded along with the location, amplitude, and phase angle of the signal. Additional line entries were also included for some MRPC indications to record indication circumferential extent and/or axial extent.

An exception to the above procedure occurred when an MRPC examination was pre-scheduled for a specific region such as the kinetic expansion region or lower tubesheet roll expansions. In this case only the MRPC data was used for dispositioning the tube. (The bobbin coil is not used in the expanded regions.) The actual analysis process was performed in the same manner as described above.

Indications from Possible Damage Precursors

The analysis of eddy current data may also identify indications that are not specifically attributed to tube wall degradation. These indications may be the result of irregularities in the tube wall profile (IDC), changes in the magnetic permeability (PVN), denting (DNT), or other changes in the electrical impedance of the tube not related to tube wall degradation. All recorded bobbin coil probe "IDC" and "PVN" indications were examined with an MRPC probe.

Approximately 33% of the dent indications located at or below the lower tubesheet secondary face and all dents located above the lower tubesheet secondary face were examined with an MRPC probe.

Indication Locations

The locations of the ECT indications were recorded to identify their "elevation" or "axial location" in the OTSG tubes. For freespan indications, the locations were generally recorded in inches above "+" the tubesheet surfaces or tube support plate centers. For indications located within or adjacent to the tube support plates, the indications are recorded as "+" or "-" from the tube support plate center. The relative location of the tubesheets and tube support plates is shown in Figure 2-2.

B.5 Data Management

Two separate data management systems were used to assure indications were documented and dispositioned appropriately. The examination results were obtained from the EddyNet report files and loaded into the data management systems used during the outage. The Framatome FDMS and Zetec Data Management Systems were used independently to track eddy current examination results. Final results reports from the two systems were then compared to address any inconsistencies between the two systems. The overall generator examination was considered completed when both systems produced the same results and indicated that the required examinations were complete. After completion of the 1R15 Outage the FDMS System results were used to load data into the TMI-1 data management system.

C. DISPOSITION OF RESULTS

Appendix II provides a list of tubes, sleeves, and plugs containing indications as a result of eddy current examinations. The 3-letter code "VOL" was used to delineate volumetric ID IGA indications in tubing above the lower tubesheet roll expansion. [Note that some of the indications listed in the Appendix were removed from service as a result of the tube plugging. The data for tubes plugged due to eddy current indications has been identified by use of bold print.]

C.1 Inside Diameter IGA

Inside diameter (ID) IGA eddy current indications in unexpanded tubing were dispositioned in accordance with the TMI-1 Technical Specifications (License Amendment No. 237). In accordance with the amendment, all ID IGA indications that were detected during the bobbin coil eddy current examinations were subsequently examined with MRPC probes. The length and width of the indications (as discerned by MRPC extent calls) were compared to the repair limits stipulated in the Technical Specification. In addition, the MRPC examinations were used to confirm that the indications were volumetric in morphology (in order to prevent crack-like indications from remaining in service.) The surface of origin (i.e. inside surface) was also confirmed for all ID IGA indications. ID IGA indications with sufficient bobbin coil signal-to-noise ratio and bobbin coil voltage were assigned a percent through wall estimate based on 0.540" diameter bobbin coil probe phase angle analysis.

ID IGA indications in unexpanded tubing measured as $\geq 40\%$ through wall, or axial and circumferential extent $>0.25"$ or $>0.52"$, respectively, were removed from service by plugging in accordance with the Technical Specifications. In addition, the remaining ID IGA indications were verified for serviceability using growth evaluation, in accordance with the Technical Specification. [See Section 3.B.1]

At the end of the 1R15 Outage 961 recorded ID IGA indications in 529 OTSG "A" tubes, and 40 recorded ID IGA indications in 29 OTSG "B" tubes, remain in service in the TMI-1 generators. These indications are located below the kinetically expanded region (below ETL +0.0 inches). The ETL (Expansion Transition Location) is the location in the upper tubesheet where the tube changes in diameter from fully expanded tubing to the expansion transition.

C.2 Kinetic Expansion Region

TMI-1's OTSG tubes have 17" or 22" long kinetic expansions within the generators' upper tubesheets. During the 1R15 Outage, approximately 34% of the unsleeved/unplugged tubes with 17" kinetic expansions and 100% of the unsleeved/unplugged tubes with 22" kinetic expansions were inspected with a rotating probe (i.e. MRPC). The Outage 1R15 samples included all tubes identified as "Potential Leakage Contributors" during Outage 14R.

Analysis Process

Each tube examined with the rotating probe in the kinetic expansion region was analyzed to determine if the tube was a structural and/or leakage concern. There are many factors which were used in addressing the structural and leakage issues associated with any indication that was found. These are:

- 1) the axial and/or circumferential extent of the indication,
- 2) the estimated depth of the indication,
- 3) the proximity and type of other indications in the expansion,
- 4) the radial distance of the tube from the center of the tube bundle,
- 5) whether the kinetic expansion was 17" or 22" in length, and
- 6) the minimum required axial kinetic expansion length ($AKEL_{min}$) to ensure structural integrity in the event of a postulated MSLB.

The minimum required axial kinetic expansion length ($AKEL_{min}$) is based on the radial distance of the tube from the center of the tube bundle and also on whether the tube has a 17-inch or a 22-inch expansion.

The determination of the structural adequacy of the tube was based on the measured axial and circumferential extents of the indications. The volumetric indications had both axial and circumferential measurements assigned and were conservatively treated as separate axial and circumferential crack-like indications.

Some tubes had multiple indications in the kinetic expansion region. For tubes with multiple circumferential and/or volumetric indications, the circumferential extents were combined if the indications were located within 1.00" axially of one another. For tubes with multiple axial and/or volumetric indications, the axial extents were combined and then compared to the $AKEL_{min}$ to determine the structural adequacy of the tube.

The leakage calculations were based on the estimated depth of the flaws, the axial and circumferential extents of the flaws, and the radial distance of the tube from the center of the bundle. An indication was considered to be a leakage contributor only if its estimated depth was >67 percent through wall, as estimated by a +Point probe, and it was located within a certain distance above the Expansion Transition Location (ETL). This distance was based on the $AKEL_{min}$ value as well as the number of flaws and the axial extent of these flaws in the kinetic expansion. If a flaw between ETL + 0" and ETL + 0.25" was determined to be a leakage contributor, then freespan leakage values were used. For the 17" expansions, if a flaw above ETL + 0.25" was determined to be a leakage contributor, then a leakage reduction factor of 25 was applied to the freespan leakage value, (i.e., the freespan leakage values were divided by 25 to obtain the estimated leak rate.) This leakage reduction factor corrects the leakage to account for the reduction in leak rate provided by the presence of the tubesheet. The axial location at which the leakage reduction factor could be applied to flaws in 22" expansions was a function of the radial location of the tube in the tubesheet and the axial location of the indication within the expansion.

The derivation of this kinetic expansion indication evaluation was provided to the NRC in Reference 13.

C.3 Other Indications

All crack-like indications detected below the upper tubesheet kinetic expansion (fully expanded region), detected in the first 0.50" of expanded tubing in the upper tubesheet of the 17" kinetic expansions or the first 5.5" of expanded tubing in the upper tubesheet of the 22" kinetic expansions were removed from service.

Tube-to-tube support plate wear indications were dispositioned by evaluating their through-wall extent using an Appendix H-qualified technique. There were no tube-to-tube support plate wear marks $\geq 40\%$ through wall detected during Outage 1R15.

All manufacturing/burnish mark (MBM) eddy current calls were reviewed from a historical basis using the oldest available eddy current data and current outage MRPC examination results before dispositioning.

TMI-1 did not use eddy current techniques for evaluating the through wall extent of OD-surface initiating degradation indications other than tube-to-tube support plate wear for evaluation against the Tech Spec through wall acceptance criteria. Thus, OD indications resulting from tube wall degradation other than tube-to-tube support plate wear (e.g. OD "groove" IGA, OD volumetric IGA) were "plugged on detection".

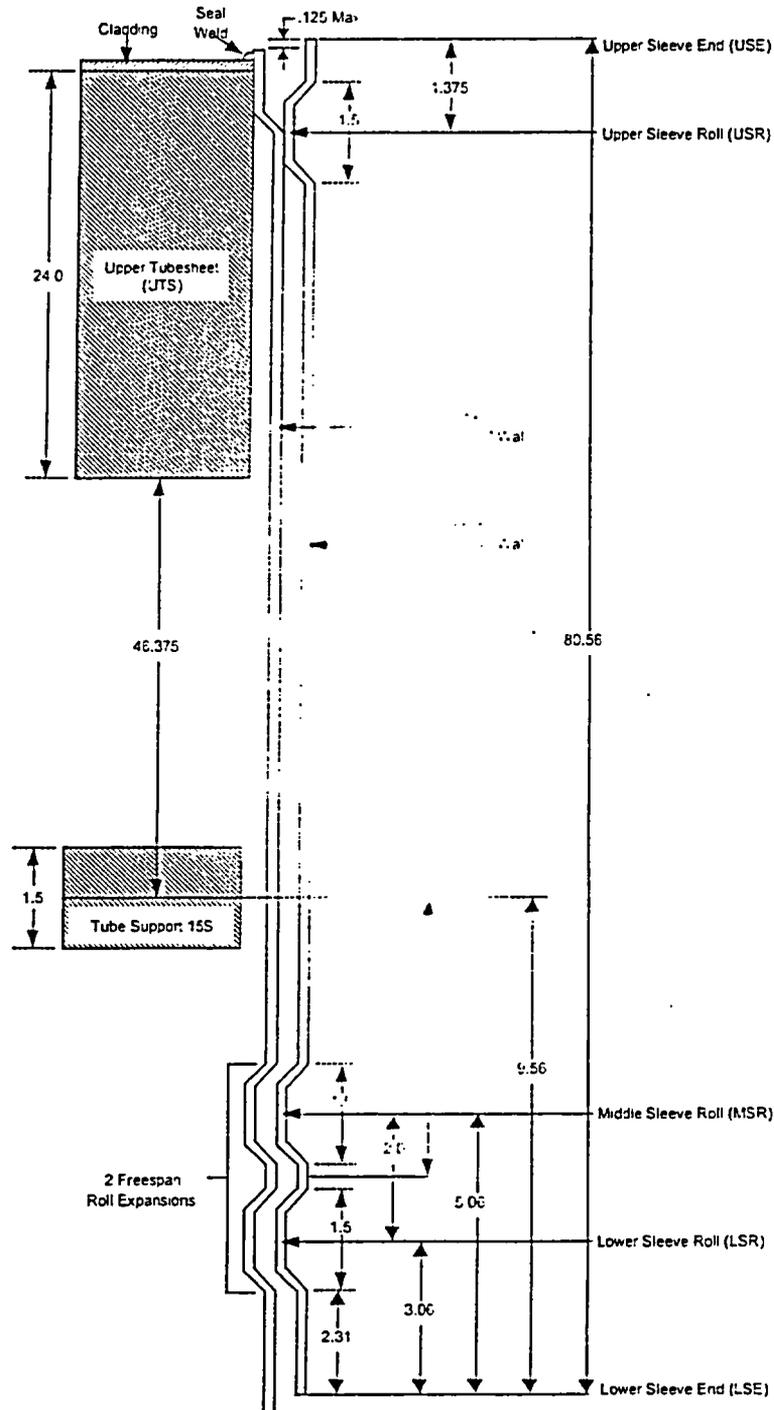
D. IN-SITU PRESSURE TESTING

D.1 Candidate Selection

The EPRI In Situ Guidelines (Reference 19) were used to determine which tubes, if any, required in situ pressure or leak testing. The EPRI Guidelines use sequential screening criteria. Sequential screening means that only indications which exceed a threshold value for the first screening parameter are evaluated against the second screening parameter threshold, and only indications that exceed the thresholds for the first two screening parameters are evaluated against the third screening parameter, and so on. Based on this review it was determined that no tubes in either steam generator required in situ pressure testing.

FIGURE 2-1

B&W ROLLED SLEEVE



Dimensions are in inches.

3. OUTAGE 1R15 EXAMINATION CATEGORIES AND RESULTS

All tubes that were in service during the prior cycle (Cycle 14) were examined with a bobbin coil probe. The kinetic expansion transition and the required length of the kinetically expanded tube above the transition were examined in approximately 34% of the in-service tubes. The lower tube ends (from the lower tube end through the lower tube end expansion transition) were examined in approximately 80% of the tubes. The examinations were performed for three reasons:

1. Examinations required by Plant Technical Specification 4.19
2. NRC Commitments
3. TMI-1 elective examinations

These groups were further divided into specific categories. This section defines the examination scope, purpose, selection criteria, and examination results by category.

A. SCOPE SELECTION

During Outage 1R15 TMI-1 chose to initially perform bobbin coil examinations on 100% of the in-service tubes in each OTSG. No sample expansion was possible for the bobbin coil examinations since all of the in-service tubes were examined. In addition to the bobbin coil examinations, approximately 34% of the tubes in each OTSG were scheduled for MRPC examination of the kinetic expansion transition and kinetically expanded region. In order to define a kinetic expansion examination results classification, TMI-1 assigned tubes to groups prior to the Outage. Sample expansion for the kinetic expansion examinations was then based on the results of each examination group.

Prior to the TMI 1R15 refueling outage another OTSG plant discovered degradation in the lower tube end roll expansions near the tube end. The indications in this plant were contained in the peripheral tubes of the steam generators. Based on this finding TMI-1 examined approximately 80% of the lower tube ends with MRPC probes during Outage 1R15. The initial examination scope was based on examining 20% of the in service tubes in a peripheral ring that would have contained the tube location of the most radially inward tube noted with lower tube end degradation at the other OTSG. In addition to this initial ring another ring 20% radially further interior into the tube bundle was included (see Figure 3-3 for an example of a ring). This was considered the initial sample scope to determine whether TMI-1 had lower tube end degradation similar to that at the other plant. Based on findings in both generators the examination scope was expanded to include 100% of the in service tubes in the initial ring (including initial buffer zone) plus another buffer ring 20% further inward toward the center of the bundle to assure compliance with EPRI Examination Guidelines requirements. The results of the examinations in OTSG-A determined there were no tubes with lower tube end degradation in the initial buffer zone and the examinations were considered complete once all tubes in the ring and buffer zone were examined. In OTSG-B degradation was detected in the lower tube ends of in service tubes in the initial buffer zone so all in service tubes in this steam generator were examined.

Tables 3-1 through 3-4 provide the examination categories, quantities, and reasons for examination. Figures 3-1 through 3-6 provide tubesheet plots of the kinetic expansion, lower tubesheet secondary face (crevice and sludge pile), and lower tube end locations.

TABLE 3-1
BOBBIN COIL TUBE EXAMINATION SCOPE *

EXAMINATION TECHNIQUE	OTSG-A TUBES EXAMINED	OTSG-B TUBES EXAMINED	REASONS FOR SELECTION
540HF	318	102	These tubes were examined with a 0.540" HF bobbin probe to more accurately evaluate ID-initiated indications observed with bobbin coil probes during Outage 14R. During Outage 1R15 tubes with recorded ID indications identified during a 0.510" bobbin examination were also subsequently examined with a 0.540" bobbin probe.
510UL	13716	14884	These are the remaining in-service tubes that were not initially examined with the 0.540" diameter bobbin coil probe. (These tubes were examined with the 0.510" diameter bobbin coil probe.)
480UL	1	3	These are tubes that would not pass a 0.510" bobbin coil probe and a 0.480" diameter bobbin coil probe was used for the examination. The three OTSG-B tubes were obstructed at the lower tube ends (most likely the result of minor tube end dinging due to manipulator installation). The one OTSG-A obstructed tube has been obstructed previously and does not appear to have changed. The locations of the four tubes that would not pass the 0.510" diameter probe were examined with MRPC probes as well.

*Note: Some tubes were examined with more than one bobbin probe examination technique. Therefore, the sum of the tubes examined in the above table does not equal the total number of tubes examined.

TABLE 3-2
MRPC TUBE EXAMINATIONS

EXAMINATION TECHNIQUE	OTSG-A TUBES EXAMINED	OTSG-B TUBES EXAMINED	REASONS FOR SELECTION
520HF (Kinetic Expansions)	4963	5082	These were kinetic expansion examinations of unsleeved in service tubes. The examination scope included all in-service unsleeved tubes not examined during Outages 13R or 14R, tubes with potential leakage contributing flaws identified during Outage 14R, tubes with "crack-like" indications identified during Outage 14R, and all in-service kinetic expansions in 22" expansions. Figures 3-1 and 3-2 provide tubesheet maps of Outage 1R15 tubes examined with MRPC probes in the kinetic expansion region.
520HF 460HF (Lower Tubesheet Examinations)	611	889	Approximately 33% of the tubes in the lower tubesheet "kidney" region were examined with the MRPC probe. This sample also exceeded 3% of the total number of tubes in each OTSG. The kidney region generally included areas on the tubesheet array that were identified to have lower tubesheet secondary face dents during Outage 14R. Figures 3-5 and 3-6 provide tubesheet maps of Outage 1R15 tubes examined with MRPC probes in the lower tubesheet. The examination in the kidney region included an axial length from 4 inches below the secondary face of the lower tubesheet to 5 inches above the secondary face.
520HF Special Interest	825	651	These examinations were performed on specific areas of a tube to further evaluate indications identified by bobbin examinations or as an Outage 1R15 Technical Specification-required examination due to Outage 14R examination results. The sample included those tubes where ID IGA indications ≥ 0.13 inches axial length or ≥ 0.26 inches circumferential length and located below the kinetic expansion were left in service following the 14R Outage (i.e., degraded tubes). These examinations also included: <ul style="list-style-type: none"> • all indications of possible tube wall degradation, all PVN indications, and all IDC indications • all bobbin coil dents above the lower tubesheet secondary face • approximately 33% of the dents located at the lower tubesheet secondary face or below, and located outside the defined kidney region (approximately 33% of the defined kidney region dents were examined as part of the lower tubesheet examination scope)
520HF (Sleeve Border)	77	76	In-service non-sleeved tubes adjacent to sleeved tubes were examined at the 15S tube support plate and upper tubesheet secondary face to identify any possible high cycle fatigue precursors.
520HF 460HF Lower Tube Ends	8334	14979	This included examination of the lower tube end from the lower tube end through the lower tube end roll expansion transition. This included all in service tubes in OTSG-B and approximately 59% of the in service tubes in OTSG-A. See above paragraphs in this section for further explanation on scope selection for this region.

TABLE 3-3
SLEEVE EXAMINATIONS

DATA SET	OTSG-A TUBES EXAMINED	OTSG-B TUBES EXAMINED	REASONS FOR SELECTION
400UL (Sleeve Bobbin)	80	83	The unexpanded region of sleeves was examined with this probe to detect any general degradation such as OD IGA or wear. This group included approximately 33% of the installed sleeves in each OTSG.
400PP (Sleeve +/- Point)	80	83	Approximately 3 inches of parent tube below the lower sleeve end, the lower sleeve end, and all three roll expansions (including transitions) were examined with this technique. This group included approximately 33% of the installed sleeves in each OTSG.
Expanded Scope	168	170	During examination of the initial scope, parent tube degradation was identified in one tube. The indication was located ~1.7" below the lower sleeve end and was not associated with the sleeve installation. Due to the sleeve installation the only way to detect degradation in this region is to use the sleeve examination technique. The installed sleeve prevents the bobbin probe and tube MIP probe from examining this region). Due to the discovery of the indication of approximately 3" of parent tubing below the lower sleeve end, the lower sleeve end, and the two lower sleeve roll expansions were examined with this technique in all in service tubes in both steam generators.

TABLE 3-4
PLUG EXAMINATIONS

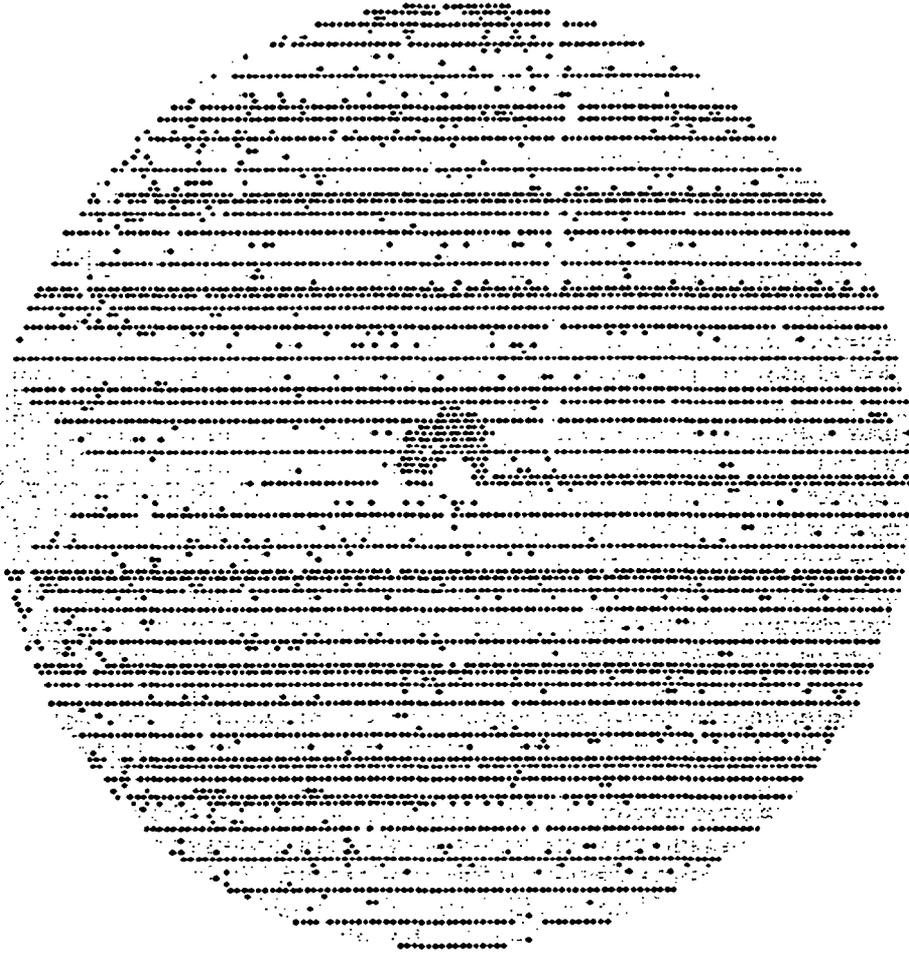
DATA SET	OTSG-A PLUGS EXAMINED	OTSG-B PLUGS EXAMINED	REASONS FOR SELECTION
525PL (Lower Tubesheet Explosive Plugs)	21	7	This examination scope included approximately 33% of the in-service lower tubesheet explosive plugs.
460PL (Upper Tubesheet Westinghouse Rolled Plugs)	8	N/A	This examination scope included approximately 33% of the installed upper tubesheet Inconel 600 thermally treated Westinghouse rolled plugs.
450PL Lower Tubesheet Thimble Plugs	63	N/A	This examination scope included all of the 0.625" outside diameter lower tubesheet plugs installed in row 76 tube locations 1 through 63.
Visual Examination Upper Head	1576	552	This was a visual examination of all upper tubesheet in-service plugs installed prior to Outage 1R15.
Visual Examination Lower Head	1576	552	This was a visual examination of all lower tubesheet in-service plugs installed prior to Outage 1R15. The lower tubesheet of OTSG-A has 64 "thimble plugs" installed in row 76. These plugs were installed during steam generator fabrication and account for the disparity in the number of plugs examined in the upper tubesheet versus the lower tubesheet in OTSG-A.

FIGURE 3-1
OTSG-A
KINETIC EXPANSION EXAMINATION LOCATIONS



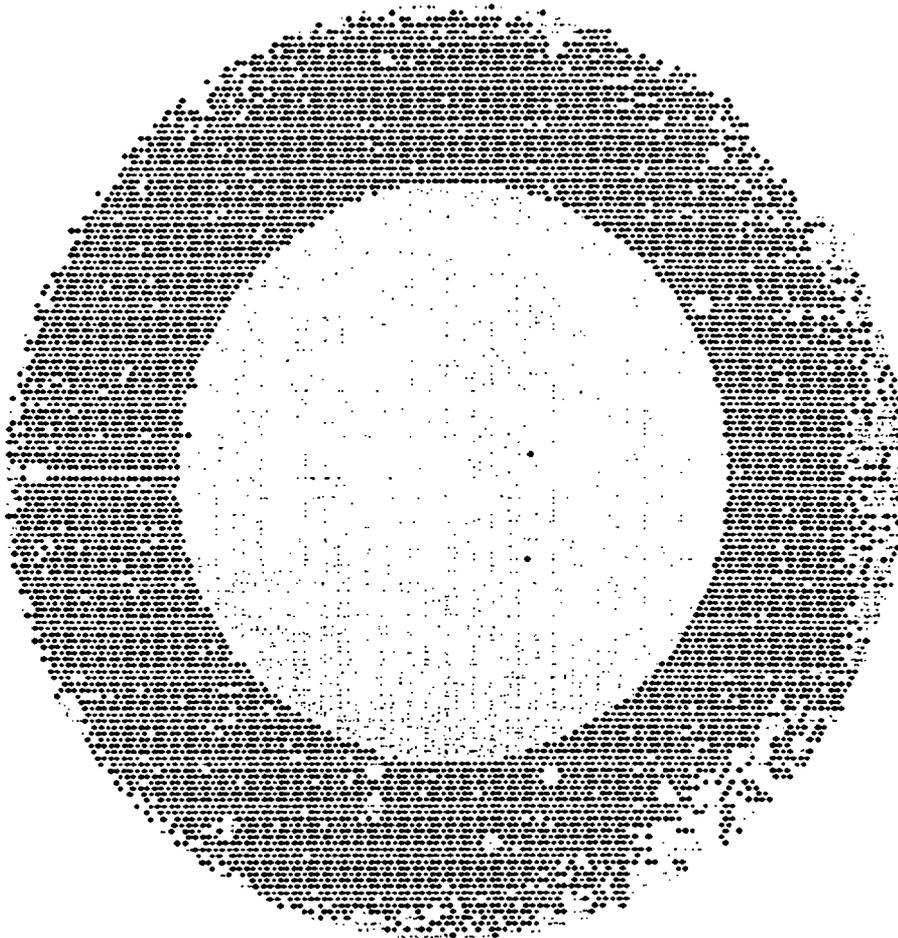
- Examination Location

FIGURE 3-2
OTSG-B
KINETIC EXPANSION EXAMINATION LOCATIONS



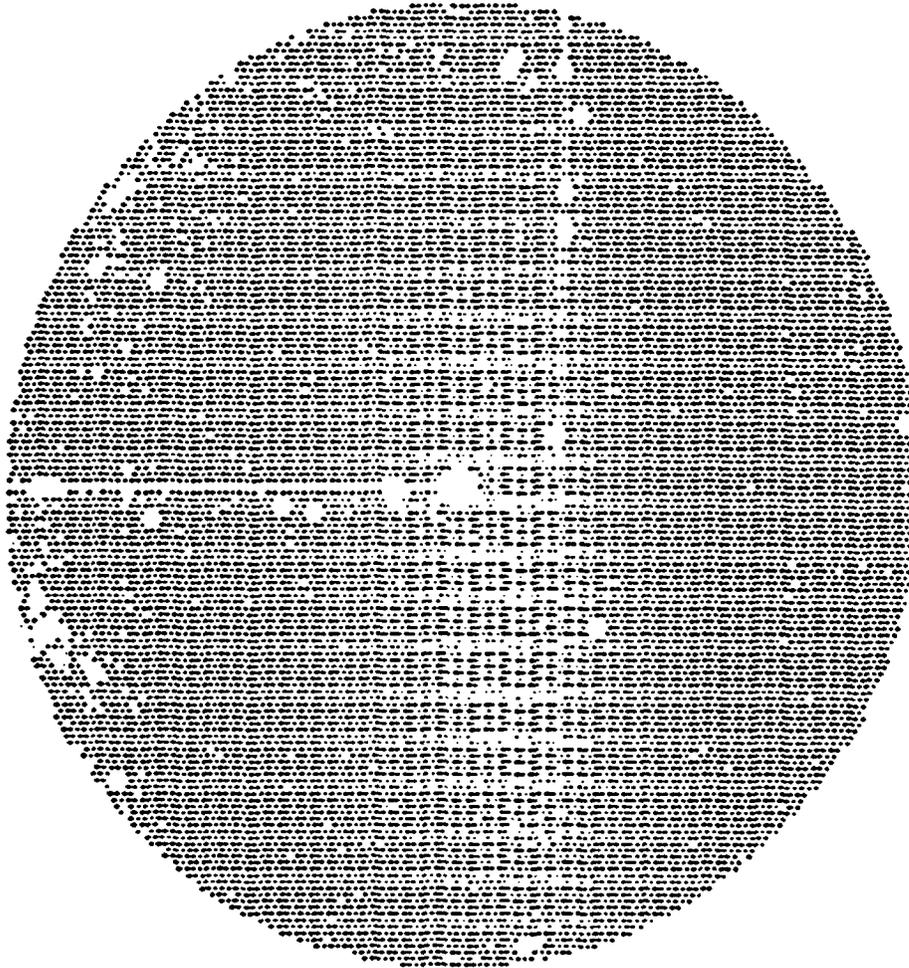
- Examination Location

FIGURE 3-3
OTSG-A
LOWER TUBE END EXAMINATION LOCATIONS



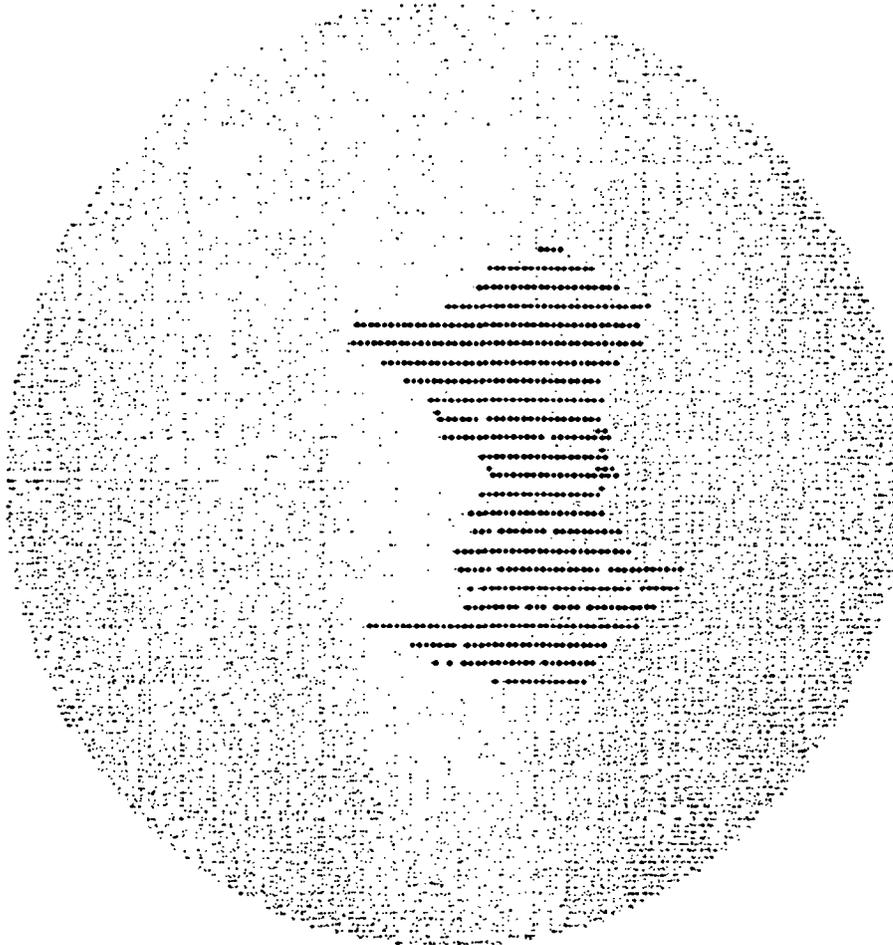
- Examination Location

FIGURE 3-4
OTSG-B
LOWER TUBE END EXAMINATION LOCATIONS



- Examination Location (included all tubes in service during Cycle 14)

FIGURE 3-5
OTSG-A
LOWER TUBESHEET EXAMINATION LOCATIONS



- Examination Location

FIGURE 3-6
OTSG-B
LOWER TUBESHEET EXAMINATION LOCATIONS



- Examination Location

B. EXAMINATION RESULTS

A total of 262 tubes were removed from service due to eddy current examination results during the 1R15 outage. In OTSG-A 49 were removed from service by plugging and in OTSG-B 213 were removed from service by plugging. Table 3-5 below provides a summary of tubes removed from service in each OTSG by damage mechanism. Further explanation of the results is provided in the immediately following subsections of this report.

**Table 3-5
Tubes Removed From Service by Damage Mechanism**

Steam Generator	Damage Mechanism	Quantity of Tubes	Comments
A	ID IGA Axial Length	3	
	Kinetic Expansion Preventive	0	
	Kinetic Expansion Ind.	4	
	Complex Signal	0	
	OD IGA (Volumetric)	1	
	Groove IGA	2	
	Preventive (PLP)	7	
	Preventive (Large Dent)	1	
	LTE Flaws	32	One Tube (68-7) had both a Groove IGA indication and an LTE indication.
Total		49	
B	ID IGA Axial Length	0	
	Kinetic Expansion Preventive	1	
	Kinetic Expansion Ind.	0	
	Complex Signal	1	
	OD IGA (Volumetric)	0	
	Groove IGA	8	
	Preventive (PLP)	0	
	Preventive (Large Dent)	0	
	LTE Flaws	203	
Total		213	

B.1 Tube Examinations (Unexpanded Region)

Appendix II of this report provides a listing of detected indications in tubes, sleeves, and plugs that were in service during Cycle 14. Volumetric ID IGA indications were evaluated for signs of growth as required by the Plant Technical Specifications and AmerGen Energy Report TM 01-00328 (Reference 22). The examination results were reviewed to determine Technical Specification classification requirements per Technical Specification 4.19 and to determine whether other conditions were present which could be indicators of other damage. The three categories are as follows:

C-1 Less than 5% of tubes inspected are degraded and none are defective

- C-2 One or more but not greater than 1% of tubes inspected are defective or between 5-10% are degraded
 C-3 More than 10% of tubes inspected are degraded or more than 1% are defective

The results of the IR15 bobbin inspection at TMI-1 are classified as C-2 for each steam generator based on having one or more but not greater than 1% defective tubes in the Technical Specification required examination area. For purposes of this classification, the following limits applied:

- A tube was classified as defective, degraded, or imperfection in accordance with the TMI-1 Technical Specifications.
- Every tube with indications confirmed by MRPC was reviewed and assigned a classification.
- For tubes with multiple indications, the tube was classified based on the most limiting indication detected in that tube.

TRENDING OF ID INDICATIONS

During the IR15 inspection, Technical Specification Amendment No. 237 (Reference 2) was implemented to address the volumetric ID IGA indications located in the non-expanded region of in service tubing. In accordance with the Technical Specification, two different statistical tests must be performed on three different eddy current parameters. If all of these tests are passed, then the assumption of no growth is considered valid and can be used in the performance of the operational assessment. If any of these tests are unsuccessful, then a cycle-specific growth model must be developed and used for the operational assessment.

The three eddy current parameters that must be evaluated are the bobbin coil estimated depths, the bobbin coil voltages, and the circumferential extents from the MRPC inspection. The two tests that must be performed are the Sign Test and the Paired t-Test. For each of these tests, the growth is evaluated against a small positive change for the three eddy current parameters. (The use of small positive values reduces the possibility that random process error alone could result in mistakenly concluding that actual physical growth has occurred.) These small positive reference values are 1%TW estimated bobbin depth, 0.05 bobbin volts, and 0.01" circumferential extent.

In addition to the Sign Test and the Paired t-Test, the Extreme Value Test was used to help identify outliers in the data. The main purpose of this test is to identify indications that: 1) exhibited abnormal growth during the previous cycle of operation, or 2) may have been mis-analyzed or mis-characterized in either the current or the previous outage.

The results of the Sign Test and the Paired t-Test are shown in Table 3-6. This table shows the results for each steam generator individually and also for both steam generators combined. As shown in the table, the Sign Test and the Paired t-Test were passed for all three of the eddy current parameters. Per Reference 22, the data from both steam generators should be combined prior to performing the tests. Therefore, the information for the individual steam generators is presented for information only.

In summary, the statistical values observed for the bobbin coil voltage and through wall measurements of volumetric ID IGA are very much in line with similar evaluations performed for previous outages and continue to support a no growth conclusion. Three tubes were removed from service for indications that exceeded the repair criteria for ID IGA (all three exceeded the allowed measured axial length of 0.25"). Two tubes had ID IGA indications with a measured axial length of 0.26" and one tube had an ID IGA indication with a measured axial length of 0.29". Review of previous data concluded that the indications had not changed and that the differences in measured length were due to expected eddy current variability.

Table 3-6

Summary of ID IGA Growth (Below ETL) from 1R14 to 1R15

	Bobbin Est. Depth *			Bobbin Volts *			Circ Extent					
	SG A	SG B	Combined	SG A	SG B	Combined	SG A	SG B	Combined			
Number of Data Points ****	113	20	133	252	30	282	761	34	795			
Adjusted Average Change **	-1.3	2.4	-0.8	-0.042	-0.044	-0.042	-0.003	-0.009	-0.003			
Standard Deviation	7.6	7.7	7.7	0.075	0.078	0.075	0.040	0.033	0.040			
Maximum Change (Adjusted) **	15	19	19	0.21	0.15	0.21	0.13	0.06	0.13			
Sign Test Results ***	Number of Zero or Negative Values			68	9	77	196	24	220	502	24	526
	Critical Value			47	5	56	112	10	126	357	11	373
Paired T-Test Results ****	Adjusted Average Change **			1.1	2.1	0.8	0.012	0.011	-0.042	-0.003	-0.009	-0.003
	Critical Value			1.1	2.1	0.8	0.012	0.011	0.007	0.002	0.009	0.002

* The bobbin growth tests only include those indications that were detected by the 540HF probes from both outages.

** The average change and the maximum change shown in the table have already been adjusted downward by a small reference value as provided in the ID IGA Management Program. These adjustments are 1%TW, 0.05 volts, and 0.01" circumferential extent.

*** The Sign Test is passed if the number of zero or negative values is greater than the critical value.

**** The Paired t-Test is passed if the adjusted average change is less than the critical value.

***** Bobbin and MRPC indications were considered to be the same if they were less than 1" apart axially during the two outages.

Note – Different probes have different sensitivity in detection of ID IGA (i.e., the MRPC probe will generally detect less degraded patches of ID IGA than the bobbin coil probe). This observation is based on actual pulled tube data from TMI-1. Both the bobbin coil probe and MRPC probe are adequate for detecting ID IGA that would be a structural or leakage concern. This difference in sensitivity accounts for the disparity in the number of indications when comparing the bobbin coil indication population to the MRPC probe indication population. More details on tube pull results and examination sensitivity may be found in Reference 22.

LEAKAGE CALCULATION FOR VOLUMETRIC ID IGA

Reference 22 describes the method for estimating the postulated primary-to-secondary leakage for the ID IGA indications located in the non-expanded regions of the tubing. This process uses a hypergeometric distribution to determine the number of indications that must be assumed to leak. It is based on the total number of indications detected, the number of indications that have been in situ leak tested, and the number of leaking flaws within the tested population.

Per Reference 22, nineteen volumetric ID IGA indications had been successfully leak tested prior to the 1R14 outage. However, for this analysis, no credit was taken for these previous leak tests. During 1R14, a total of 69 volumetric ID IGA indications were leak tested (40 in SGA and 29 in SGB). None of the tested indications showed any signs of leakage. Per Reference 22, the in situ tests performed in one steam generator can also be applied to the other steam generator. This is because both of the steam generators share a common primary coolant system, and they were both damaged simultaneously by the sulfur intrusion into the primary system in 1981. Therefore, 69 successful in situ tests were be credited for both steam generators in the leak rate calculation.

To determine the leakage contribution for the volumetric ID IGA indications, each indication is first assigned a leakage value based on its axial extent as shown in Reference 22. Table 3-7 shows the assumed leakage values as a function of the measured axial extent of the volumetric indication. After determining the leak rate for each indication, the average leak rate per indication was calculated by dividing the total leak rate by the number of detected indications in each steam generator.

Using the number of indications detected and the number of in situ tests performed as inputs to the hypergeometric distribution, the number of assumed leaking indications was adjusted until a minimum confidence level of 95% was obtained. This number of assumed leaking indications in each steam generator was then multiplied by the average leak rate for that steam generator to determine the leak rate due to volumetric ID IGA. Table 3-8 provides a summary of the inputs and results of this calculation. As shown in the table, the calculated leak rates for the as-found condition of the tubes were small (≤ 0.047 gpm for SGA; and ≤ 0.006 gpm for SGB) due to the extensive in situ leak testing, without leakage, that was performed during the 1R14 outage.

Table 3-7
Predicted MSLB Leak Rate vs. Axial Extent for Volumetric ID IGA Indications

Volumetric ID IGA EC Axial Extent (in)	Assumed 100%TW Crack Length (in)	Leak Rate @ 600F (gpm)
0.09	0.03	0.0002
0.12	0.04	0.0004
0.15	0.05	0.0009
0.18	0.06	0.0013
0.21	0.07	0.0020
0.24	0.08	0.0028
0.27	0.09	0.0040
0.30	0.10	0.0054
0.33	0.11	0.0074
0.36	0.12	0.0102
0.39	0.13	0.0139
0.42	0.14	0.0186
0.45	0.15	0.0246
0.48	0.16	0.0323
0.51	0.17	0.0419
0.54	0.18	0.0539
0.57	0.19	0.0688
0.60	0.20	0.0877
0.63	0.21	0.1094
0.66	0.22	0.1368
0.69	0.23	0.1685
0.72	0.24	0.2069
0.75	0.25	0.2524

Table 3-6 is based on AmerGen Energy Document ECR TM 01-00328, Revision 1 (Reference 22).

Table 3-8
Leakage Results and Inputs for Volumetric ID IGA Indications

	SGA	SGB
Number of Indications Detected During 1R15	975	44
Number of Tubes With Indications	536	30
Average Calculated Leak Rate Per Indication (gpm @ 600F)	0.00107	0.00133
Number of Prior (1R14) Indications In Situ Leak Tested	69	
Number of Leaking Indications During In Situ Tests	0	
Total Population of Indications (Detected + Previous In Situ)	1044	113
Assumed Number of Leaking Indications in Untested Population *	43	4
Confidence Level	95.0%	97.9%
Calculated Leak Rate for ID IGA in Untested Population (gpm @ 600F) **	<=0.047	<=0.006
Number of Indications Returned to Service	961	40
Number of Tubes with Indications Returned to Service	529	29

* The assumed number of leaking indications is the maximum number of indications in the untested population that might leak (with >95% confidence) based on the tested population results.

** Leak rate is determined by multiplying the assumed number of leaking indications by the average leak rate per indication.

TRENDING OF WEAR INDICATIONS

Starting with the 1R14 inspection, a new process was implemented where some of the wear indications were depth-sized with the bobbin coil probe. This process of using the bobbin coil to depth-size certain wear indications was continued in 1R15. In accordance with the Analysis Guidelines (Reference 20) and Site ETSS's (Reference 25), all of the following criteria had to be met in order for a bobbin depth to be assigned. If one or more of these five criteria were not met, then the signal was reported as NQI and an MRPC examination was performed on that location.

- 1) the bobbin estimated depth must be less than 30%TW,
- 2) the indication must be located at the 01S through 13S support plates,
- 3) the indication must have been reported as wear during a previous inspection,
- 4) the change in the phase angle from the previous inspection must be less than 10 degrees, and
- 5) the increase in the voltage from the previous inspection must be less than 0.50 volts.

In order for an MRPC indication to be dispositioned as a wear indication it must exhibit wear-like behavior from an eddy current perspective. If an indication is axially located at a TSP but does not align with a broached support contact point it is not dispositioned as a wear indication. If an indication is axially located at a TSP location, it is aligned with and contained within a broached TSP contact point, and exhibits volumetric wear-like signal behavior it is dispositioned as wear. OG IGA indications generally present a "volcano-like" appearance on the pancake coil terrain plot versus a single up then down appearance produced by wear indications.

Table 3-9 provides a summary of the growth of the wear indications based on the voltages and depth estimates from both the bobbin coil and the MRPC probes. As shown in the table, no significant growth of the wear indications has occurred.

Table 3-9
Growth of Support Plate Wear Indications (Outages 1R14 to 1R15)

Eddy Current Parameter	Operating Period	Average Change	Maximum Growth	Standard Deviation	Indication Quantity
OTSG-A					
Bobbin Volts	1R14 to 1R15	0.000v	0.26v	0.082v	100
Bobbin %	1R14 to 1R15	+0.5%TW	8%TW	2.7%TW	46
MRPC Volts	1R14 to 1R15	-0.270v	0.08v	0.298v	11
MRPC %	1R14 to 1R15	-0.3%TW	6%TW	4.1%TW	11
OTSG-B					
Bobbin Volts	1R14 to 1R15	+0.006v	0.39v	0.079v	209
Bobbin %	1R14 to 1R15	+1.4%TW	8%TW	2.3%TW	108
MRPC Volts	1R14 to 1R15	-0.263v	0.15v	0.339v	8
MRPC %	1R14 to 1R15	-0.1%TW	5%TW	4.4%TW	8

TUBE DENT SIGNALS

The growth of dent signals was calculated based on the bobbin voltages of the dents. Based on the results of this analysis, there was no significant growth of dents during the previous operating cycle.

Tables 3-10 and 3-11 show the voltage and voltage growth statistics based on the locations of the dents. As shown in the tables, the average growth was 0.23 volts in OTSG- A and 0.38 volts in OTSG-B. In both steam generators, the largest growth rates occurred in dents at the secondary face of the lower tubesheet. The secondary face of the lower tubesheet, however, is also the location of the largest dents. As a percentage of the dent voltage, the growth of the dents at the lower tubesheet is insignificant.

One tube (A68-66) was preventively removed from service due to denting. The tube had denting throughout the axial length of the LTS that was most likely the result of damage caused by tube installation during steam generator fabrication. The denting is evident and unchanged from prior outages. Because the denting was large in measured bobbin coil voltage and over a significant axial length the tube was removed from service.

Table 3-10
Dent Voltage and Voltage Growth Statistics (Outages 1R14 to 1R15) for OTSG A

Location	Number of Dent Signals	Voltage		Growth		
		Avg	Max	Avg	Max	Std Dev
UTS – Secondary Face	110	3.09	4.93	+0.02	+0.57	0.19
LTS – Secondary Face	322	9.67	86.62	+0.64	+3.75	0.85
LTS – Below Secondary Face	345	5.29	49.04	-0.02	+5.05	0.74
Support Plates	4	3.46	4.14	-0.04	+0.05	0.07
Other Locations	47	4.39	11.70	+0.01	+2.43	0.66
All	828	6.64	86.62	+0.23	+5.05	0.80

Table 3-11
Dent Voltage and Voltage Growth Statistics (Outages 1R14 to 1R15) for OTSG B

Location	Number of Dent Signals	Voltage		Growth		
		Avg	Max	Avg	Max	Std Dev
UTS – Secondary Face	88	3.04	15.26	-0.08	+0.35	0.15
LTS – Secondary Face	1123	10.64	70.02	+0.49	+6.16	1.14
LTS – Below Secondary Face	192	5.64	15.22	+0.07	+2.22	0.56
Support Plates	3	3.61	4.72	-0.11	+0.24	0.29
Other Locations	51	3.78	16.10	+0.06	+1.44	0.46
All	1457	9.26	70.02	+0.38	+6.16	1.04

OTHER INDICATIONS

Ten tubes were evaluated as having "Groove IGA", one tube was evaluated as having OD IGA, one tube was evaluated as having a complex signal, and two tubes were evaluated as having possible loose parts (PLP) signals (based on MRPC examinations). All of these tubes were removed from service and an additional 5 in service tubes adjacent to the tubes with the PLP indications were plugged and stabilized (the remaining tubes adjacent to the tubes with the PLP indications were already plugged and stabilized). Table 3-12 below details information about these indications:

**Table 3-12
Confirmed Outside Diameter Indications**

Tube	Location	Bobbin Indication	MRPC Indication	Comments
A55-105	LTS -1.05"	0.36 volt NQI	SVI 0.26" circ by 0.15" axial length, 0.33 volts	OD Patch IGA
A57-68	15S +13.43"	0.17 volt NQI	SAI 0.20" axial length 0.29 volts	'Groove" IGA
A68-7	LSE -1.72" (LSE - Lower Sleeve End)	This location cannot be examined with the bobbin probe.	SAI 0.38" axial length 0.33 volts	'Groove" IGA
A114-112	14S +1.09"	NID	PLP	Possible Loose Part
A114-113	14S +1.47"	NID	PLP	Possible Loose Part
B73-16	15S +18.97"	0.21 volt NQI	SAI 0.40" axial length 0.13 volts	'Groove" IGA
B79-62	15S +18.88"	0.12 and 0.14 volt NQI's	SAI 0.60" axial length 0.42 volts	'Groove" IGA
B80-49	15S -33.16	0.17 volt NQI	SAI's 2.34" and 0.15" axial length 0.19 and 0.08 volts	'Groove" IGA
B83-51	UTS -0.40"	0.11 and 0.12 volt NQI's	SAI's 0.20" and 0.39" axial length 0.18 and 0.10 volts	'Groove" IGA
B84-36	15S +12.38"	0.21 volt NQI	SAI 0.22" axial length 0.11 volts	'Groove" IGA
B91-48	15S +39.48"	0.19 volt NQI	SAI 0.13" axial length 0.42 volts	'Groove" IGA
B114-3	14S +26.55" 14S +27.07" 14S +29.64"	0.27, 0.24, and 0.21 volt NQI's	SAI's 0.40", 0.75", 0.46", 0.79" and 0.25" axial length 0.17, 0.32, 0.35, 0.15 and 0.16 volts	'Groove" IGA
B115-2	11S +14.52"	0.26 volt NQI	SAI 0.16" axial length 0.34 volts	Complex Signal *
B118-1	15S +44.33"	0.23 volt NQI	MAI 0.22" axial length 0.15 volts	'Groove" IGA

* -This indication did not provide "flaw-like" qualities but was removed from service because it could have "masked" potential degradation. The area provided only a +Point signal in the OD plane that rotated clockwise as frequency was lowered (opposite the expected rotation of a flaw-like signal) and neither pancake coil was able to detect degradation. The signal was essentially unchanged from previous examinations but because of its axial-like presentation and the fact that it could potentially prevent detection of degradation it was assigned an "SAI" code as required by the analysis

guidelines to assure the tube was removed from service. The analysis guidelines required that complex signals that could potentially mask degradation be assigned an "I" code signal most representative of the indication presentation.

The above table indicates that there were three distinct types of degradation (Groove IGA in 10 tubes, OD IGA (Patch-Like) in one tube, and Possible Loose Parts in two tubes). One tube (B115-2) had a signal that was not representative of degradation as discussed in Table 3-12. The Groove IGA and OD IGA indications were very similar in damage extent to indications detected during prior outages at TMI-1. The number of Groove IGA indications detected was higher than in prior outages but was comparable to the quantity predicted prior to the 1R15 outage.

The PLP indications detected in tubes 114-112 and 114-113 were not detected in prior outages. The bobbin coil probe did not detect either indication during Outage 1R15. The PLP indication in tube 114-113 was initially detected with the MRPC probe as part of an examination of ID IGA indications located below the 14S support plate. The indications are most likely the result of debris from the emergency feedwater system that migrated to the location or loose deposits. No evidence of tube wall degradation was detected, only the presence of a possible loose part was detected.

The Outage 1R15 Condition Monitoring and Operational Assessments considered the impact of the above-described degradation (see Section 5 of this report).

B.2. Kinetic Expansion Examinations

Appendix II includes indications located at ETL (Expansion Transition Location) +0.00" or above as a result of rotating probe examinations.

Structural Integrity

The results of the kinetic expansion inspection yielded four tubes (A49-11, A84-81, A85-127, and A137-68) that exceeded the conservative criteria for kinetic expansion structural integrity. One tube with kinetic expansion indications was preventively plugged in OTSG-B (B74-65). Tube B74-65 was plugged due to a circumferential indication located at ETL +5.22" (ETL - Expansion Transition Location (the transition location that demarks the change between fully expanded tubing the uppermost axial region of the kinetic expansion transition)) in a 22" kinetically expanded tube in the interior bundle.

Approximately 34% of the in-service kinetic expansions were in the original plan to be inspected. Therefore, there was a possibility of a scope expansion to include the other tubes not examined. The tubes included in the sample were segregated into 1S (3%), 2S (6%), and 4S (12%) samples before the outage. In addition, some tubes were scheduled for monitoring of previously acceptable kinetic expansion indications as described in Table 3-2 or were required to be examined by the Technical Specifications. These tubes were not part of the 1S, 2S, or 4S sample because all tubes meeting the applicable selection criteria were scheduled for examination.

Tables 3-13 and 3-14 show the kinetic expansion examination sample results. The "Sample Escalation Point" in the tables is the number of tubes, with defects exceeding the structural criteria, which would have resulted in expanding the inspection to 100% of the in-service tubes. As shown in the tables, four tubes had indications that exceeded the criteria for structural integrity. None of the samples reached the sample escalation point. Therefore, no increases in examination scope were necessary.

Theoretical MSLB Leakage Calculations

Based on conservative criteria used to estimate theoretical MSLB leakage, there were a total of 88 leakage-contributing indications (45 in SGA; 43 in SGB). Only 1 of these indications (in OTSG-B) were "full" leakage contributors. The remaining leakage-contributing indications had the leakage reduction factor applied owing to their locations within the tubesheet expansions. Of the 88 leakage contributors, 54 were in tubes with 17" expansions.

All of the in-service kinetic expansions have now been inspected with +Point in one of the last three outages and previous leakage-contributing indications were inspected again in 1R15. In addition, the ID IGA/SCC in the kinetic expansions is not growing. Therefore, the indications from the 13R and 14R inspections that were determined to not be leakage contributors can be assumed to still be in the same condition. (It should also be noted that the ID IGA indications below the kinetic expansion are also not growing. This is supported by the Sign Test and the Paired t-Test

results as discussed in Section 3.B.1.)

Table 3-15 summarizes the results of the theoretical leakage calculations. This table includes an "as-found" leakage value and an "as-left" leakage value for each steam generator. The as-found leakage includes all leakage contributors before plugging. The as-left leakage includes all leakage contributors that were returned to service for Cycle 15.

**Table 3-13
OTSG-A Kinetic Expansion Examination Results**

Expansion Type	17"	17"	17"	17"/22"	
Sample	1S (3%)	2S (6%)	4S	NA *	Total
Tubes Inspected	475	940	3069	479	4963
Acceptable By Structural Acceptance Criterion	475	939	3069	476	4959
Unacceptable By Structural Acceptance Criterion	0	1	0	3	4
Sample Escalation Point (i.e., 1% of inspected population)	5	10	31	NA	NA

**Table 3-14
OTSG-B Kinetic Expansion Examination Results**

Expansion Type	17"	17"	17"	17"/22"	
Sample	1S (3%)	2S (6%)	4S	NA *	Total
Tubes Inspected	475	940	3411	256	5082
Acceptable By Structural Acceptance Criterion	475	940	3411	256	5082
Unacceptable By Structural Acceptance Criterion	0	0	0	0	0
Sample Escalation Point (i.e., 1% of inspected population)	5	10	35	NA	NA

* The "NA" Sample category in the above tables includes tubes with previous indications (including previous leakage contributors), and tubes with 22" kinetic expansions.

Table 3-15

Kinetic Expansion Theoretical Leakage Summary

	SG A		SG B	
	2 Hour Leak Volume	Duration Leak Volume	2 Hour Leak Volume	Duration Leak Volume
As-Found Leakage * (gallons) ***	2	17	6	55
As-Left Leakage ** (gallons) ***	2	13	6	54
Leakage Limit (gallons) ***	3228	9960	3228	9960

* The "as-found" leakage includes all leakage contributors before plugging. All of the kinetic expansions were examined using eddy current over outages 13R through 1R15. Leakage contributors identified during an outage are reexamined during the subsequent outage. All leakage contributors from 1R14 were examined in outage 1R15. Therefore, no projection of the leakage for the uninspected tubes is required.

** The "as-left" leakage includes all leakage contributors that were returned to service for Cycle 15.

*** The leakage calculation results and the leakage limit are given in terms of gallons at the following conditions (Temperature = 579F; Pressure = 2200 psi; Density = 0.7094 g/cc).

B.3 Lower Tubesheet Lower Tube End Examinations

Table 3-16 below provides a summary of the lower tube end indications detected during Outage 1R15. These indications were identified in 32 tubes in OTSG-A and 205 tubes in OTSG-B. Based on eddy current phase angle measurement all indications were dispositioned as inside diameter initiated degradation. All volumetric indications less than 2.5" from the lower tube end were assigned an "SVI" code to assure they were removed from service. These "SVI" indications were most likely the result of residual sodium thiosulfate damage similar to other locations in both steam generators. This is based on the fact that sodium thiosulfate damage was observed at lower elevations in OTSG-B than OTSG-A and that damage tended to be more significant when present. The fact that the volumetric damage was also identified at elevations where elevated stress is not present also supports this conclusion. A service induced damage mechanism could not be ruled out in the higher stressed tube expanded region where most of these indications were located because this was the first outage where a significant number of tubes were examined in this region with the MRPC examination technique. PWSCC is the suspected cause of the crack-like indications that were detected in this area.

Burst of lower tube end indications is prevented by the presence of the lower tubesheet. The leakage path from lower tube end indications is restricted by the presence of roll expansions.

**Table 3-16
Lower Tube End Indications**

OTSG-A			
Flaw Code	Flaw Quantity	Voltage Range	Distance from Lower Tube End
SAI	2	1.77 to 1.91	0.06" to 0.14"
SCI	29	0.41 to 2.45	0.03" to 0.49"
SVI	1	0.26"	1.29
OTSG-B			
MVI	9	0.44 to 4.6	0.15" to 1.34"
SAI	14	0.75 to 9.12	0.01" to 0.42"
SCI	27	0.35 to 12.62	0.06" to 0.47"
SVI	158	0.16 to 10.45	0.07" to 2.19"
VOL	2	0.25 to 0.47	4.11" to 5.25"

B.4 Lower Tubesheet Crevice Examinations

No service induced degradation was identified during these examinations.

B.5. Sleeve Examinations

A Groove IGA indication was detected in one tube (A68-7) during the sleeve MRPC examinations. This indication was located ~1.7" below the lower sleeve end and was not associated with the installed sleeve. Because of the geometry of the installed sleeve (See Figure 2-1) the rotating probe sleeve examination technique must be used to examine the parent tube from approximately 3" below the lower sleeve end through the middle sleeve roll expansion. This location of tubing was examined in all in service sleeve locations in both steam generators and no other degradation was detected.

B.6. Plug Examinations

The eddy current examinations identified no plug pressure boundary degradation. The plug visual examinations identified no apparent degradation to the installed plugs.

4. REPAIRS PERFORMED

A. TUBES REMOVED FROM SERVICE

As a result of eddy current indications evaluated during Outage 1R15 examinations forty-nine (49) tubes in OTSG-A and two hundred thirteen (213) tubes in OTSG-B were plugged. These tubes are listed in Tables 4-1 and 4-2 below:

**Table 4-1
Tubes Removed From Service By Plugging: SG A**

SG	Row	Tube	Hot Leg	Cold Leg	Reason for Tube Repair	Tube Qty.	Stab	Rev.
SGA	4	29	ROLLSTAB	ROLL	VOL @ UTS -19.34	1	YES	0
SGA	6	10	ROLLSTAB	ROLL	SAI @ LTE +0.06	2	YES	0
SGA	8	6	ROLLSTAB	ROLL	SCI @ LTE +0.14	3	YES	0
SGA	8	21	ROLLSTAB	ROLL	SCI @ LTE +0.16	4	YES	0
SGA	13	8	ROLLSTAB	ROLL	SCI @ LTE +0.09	5	YES	0
SGA	26	8	ROLLSTAB	ROLL	SCI @ LTE +0.12	6	YES	0
SGA	49	11	ROLLSTAB	ROLL	SCI @ ETL +0.74	7	YES	0
					TBP @ ETL +0.74			
					SCI @ ETL +0.80			
SGA	51	6	ROLLSTAB	ROLL	SCI @ LTE +0.15	8	YES	0
SGA	51	8	ROLLSTAB	ROLL	SCI @ LTE +0.03	9	YES	0
SGA	52	4	ROLLSTAB	ROLL	SCI @ LTE +0.14	10	YES	0
SGA	55	105	ROLLSTAB	ROLL	SAI @ UTS +1.05	11	YES	0
SGA	57	68	ROLLSTAB	ROLL	SAI @ UTS +13.43	12	YES	0
SGA	66	6	ROLLSTAB	ROLL	SCI @ LTE -0.07	13	YES	0
SGA	66	7	ROLLSTAB	ROLL	SCI @ LTE +0.16	14	YES	0
SGA	68	7	SLEEVE PLUG	ROLL	SAI @ UTS -1.72	15	NO	0
					SCI @ LTE +0.18			
SGA	68	10	ROLLSTAB	ROLL	SCI @ LTE +0.10	16	YES	0
SGA	68	66	ROLLSTAB	ROLL	SCI @ LTE +0.08 TO+22.27	17	YES	0
SGA	69	14	ROLLSTAB	ROLL	SCI @ LTE +0.08	18	YES	0
SGA	74	54	ROLLSTAB	ROLL	VOL @ ETL -0.52	19	YES	0
SGA	84	81	ROLLSTAB	ROLL	VOL @ ETL +0.47	20	YES	0
					VOL @ ETL +2.01			
					VOL @ ETL +2.34			
					VOL @ ETL +2.34			
					VOL @ ETL +2.88			
					VOL @ ETL +3.32			
					VOL @ ETL +3.70			
					TBP @ ETL -0.04			
SGA	85	127	ROLLSTAB	ROLL	VOL @ ETL +1.09	21	YES	0
					SCI @ ETL +2.54			
					SCI @ ETL +4.16			
					SCI @ ETL +4.31			
					TBP @ ETL +4.31			
VOL @ ETL +4.55								

Table 4-1 (Cont.)

Tubes Removed From Service By Plugging: SG A

SG	Row	Tube	Hot Leg	Cold Leg	Reason for Tube Repair	Tube Qty.	Stab	Rev.
SGA	87	13	ROLLSTAB	ROLL	SCI @ LTE +0.08	22	YES	0
SGA	88	6	ROLLSTAB	ROLL	SCI @ LTE +0.17	23	YES	0
SGA	89	6	ROLLSTAB	ROLL	SCI @ LTE +0.13	24	YES	0
SGA	90	5	ROLLSTAB	ROLL	SCI @ LTE +0.14	25	YES	0
SGA	91	12	ROLLSTAB	ROLL	SCI @ LTE +0.20	26	YES	0
SGA	91	115	ROLLSTAB	ROLL	SAI @ LTE +0.14	27	YES	0
SGA	102	8	ROLLSTAB	ROLL	SCI @ LTE +0.11	28	YES	0
SGA	105	7	ROLLSTAB	ROLL	SCI @ LTE +0.15	29	YES	0
SGA	106	7	ROLLSTAB	ROLL	SCI @ LTE +0.12	30	YES	0
SGA	106	9	ROLLSTAB	ROLL	SCI @ LTE +0.10	31	YES	0
SGA	110	11	ROLLSTAB	ROLL	SCI @ LTE +0.12	32	YES	0
SGA	113	4	ROLLSTAB	ROLL	SCI @ LTE +0.49	33	YES	0
SGA	113	7	ROLLSTAB	ROLL	SCI @ LTE +0.08	34	YES	0
SGA	113	112	ROLLSTAB (2)	ROLL	PTP @ UTS +0.00	35	YES	0
SGA	113	113	ROLLSTAB (2)	ROLL	PTP @ UTS +0.00	36	YES	0
SGA	113	114	ROLLSTAB (2)	ROLL	PTP @ UTS +0.00	37	YES	0
SGA	114	111	ROLLSTAB (2)	ROLL	PTP @ UTS +0.00	38	YES	0
SGA	114	112	ROLLSTAB (2)	ROLL	PLP @ 14S +1.09	39	YES	0
					PTP @ UTS +0.00			
SGA	114	113	ROLLSTAB (2)	ROLL	PLP @ 14S +1.47	40	YES	0
					PTP @ UTS +0.00			
SGA	114	114	ROLLSTAB (2)	ROLL	PTP @ UTS +0.00	41	YES	0
SGA	127	6	ROLLSTAB	ROLL	SVI @ LTE +0.26	42	YES	0
SGA	137	9	ROLLSTAB	ROLL	SCI @ LTE +0.15	43	YES	0
SGA	137	68	ROLLSTAB	ROLL	VOL @ ETL +3.02	44	YES	0
					SCI @ ETL +3.44			
					SCI @ ETL +3.70			
					TBP @ ETL +3.70			
SGA	145	7	ROLLSTAB	ROLL	SCI @ LTE +0.15	45	YES	0
SGA	147	2	ROLLSTAB	ROLL	SCI @ LTE +0.14	46	YES	0
SGA	149	10	ROLLSTAB	ROLL	SCI @ LTE +0.18	47	YES	0
SGA	150	11	ROLLSTAB	ROLL	SCI @ LTE +0.22	48	YES	0
SGA	150	24	ROLLSTAB	ROLL	VOL @ 14S -3.50	49	YES	0
Totals						49	48	

Table 4-2
Tubes Removed From Service By Plugging: SG B

SG	Row	Tube	Hot Leg	Cold Leg	Reason for Tube Repair	Tube Qty.	Stab	Rev.
SGB	2	23	ROLLSTAB	ROLL	SCI @ LTE +0.23	1	YES	0
					SCI @ LTE +0.46			
SGB	3	15	ROLLSTAB	ROLL	SCI @ LTE +0.06	2	YES	0
SGB	3	28	ROLLSTAB	ROLL	SVI @ LTE +0.28	3	YES	0
SGB	4	7	ROLLSTAB	ROLL	SVI @ LTE +0.17	4	YES	0
SGB	4	10	ROLLSTAB	ROLL	SVI @ LTE +0.35	5	YES	0
SGB	4	33	ROLLSTAB	ROLL	SCI @ LTE +0.12	6	YES	0
SGB	5	10	ROLLSTAB	ROLL	SVI @ LTE +0.19	7	YES	0
SGB	5	36	ROLLSTAB	ROLL	SVI @ LTE +0.20	8	YES	0
SGB	5	40	ROLLSTAB	ROLL	SCI @ LTE +0.17	9	YES	0
SGB	6	5	ROLLSTAB	ROLL	SVI @ LTE +0.27	10	YES	0
SGB	6	6	ROLLSTAB	ROLL	SVI @ LTE +0.15	11	YES	0
SGB	6	28	ROLLSTAB	ROLL	SVI @ LTE +0.27	12	YES	0
SGB	7	13	ROLLSTAB	ROLL	SVI @ LTE +0.13	13	YES	0
SGB	7	36	ROLLSTAB	ROLL	SVI @ LTE +0.29	14	YES	0
SGB	8	6	ROLLSTAB	ROLL	SCI @ LTE +0.21	15	YES	0
SGB	9	36	ROLLSTAB	ROLL	SVI @ LTE +0.19	16	YES	0
SGB	10	34	ROLLSTAB	ROLL	SVI @ LTE +0.27	17	YES	0
SGB	10	44	ROLLSTAB	ROLL	SVI @ LTE +0.26	18	YES	0
SGB	10	59	ROLLSTAB	ROLL	SVI @ LTE +0.24	19	YES	0
SGB	12	35	ROLLSTAB	ROLL	SVI @ LTE +0.15	20	YES	0
SGB	13	11	ROLLSTAB	ROLL	SVI @ LTE +0.33	21	YES	0
SGB	13	36	ROLLSTAB	ROLL	SVI @ LTE +0.14	22	YES	0
SGB	14	2	ROLLSTAB	ROLL	SCI @ LTE +0.24	23	YES	0
SGB	15	21	ROLLSTAB	ROLL	MVI @ LTE +1.34	24	YES	0
					SVI @ LTE +0.18			
SGB	15	23	ROLLSTAB	ROLL	SVI @ LTE +1.23	25	YES	0
SGB	16	6	ROLLSTAB	ROLL	SVI @ LTE +0.15	26	YES	0
SGB	16	9	ROLLSTAB	ROLL	SVI @ LTE +0.21	27	YES	0
SGB	16	15	ROLLSTAB	ROLL	MVI @ LTE +0.15	28	YES	0
SGB	16	16	ROLLSTAB	ROLL	MVI @ LTE +0.18	29	YES	0
SGB	16	21	ROLLSTAB	ROLL	SVI @ LTE +0.17	30	YES	0
SGB	16	25	ROLLSTAB	ROLL	SVI @ LTE +0.19	31	YES	0
SGB	16	28	ROLLSTAB	ROLL	SVI @ LTE +0.16	32	YES	0

Table 4-2 (Cont.)

Tubes Removed From Service By Plugging: SG B

SG	Row	Tube	Hot Leg	Cold Leg	Reason for Tube Repair	Tube Qty.	Stab	Rev.
SGB	16	30	ROLLSTAB	ROLL	SVI @ LTE +0.15	33	YES	0
SGB	16	32	ROLLSTAB	ROLL	SVI @ LTE +0.22	34	YES	0
SGB	17	2	ROLLSTAB	ROLL	SVI @ LTE +0.25	35	YES	0
SGB	17	17	ROLLSTAB	ROLL	SVI @ LTE +0.12	36	YES	0
SGB	17	26	ROLLSTAB	ROLL	SVI @ LTE +0.14	37	YES	0
SGB	17	37	ROLLSTAB	ROLL	SVI @ LTE +0.28	38	YES	0
SGB	17	41	ROLLSTAB	ROLL	SVI @ LTE +0.29	39	YES	0
SGB	18	3	ROLLSTAB	ROLL	SVI @ LTE +0.24	40	YES	0
SGB	18	9	ROLLSTAB	ROLL	SCI @ LTE +0.12	41	YES	0
SGB	18	21	ROLLSTAB	ROLL	SVI @ LTE +0.12	42	YES	0
SGB	19	8	ROLLSTAB	ROLL	SVI @ LTE +0.17	43	YES	0
SGB	19	22	ROLLSTAB	ROLL	SCI @ LTE +0.24	44	YES	0
SGB	21	22	ROLLSTAB	ROLL	SVI @ LTE +0.17	45	YES	0
SGB	21	41	ROLLSTAB	ROLL	SVI @ LTE +0.32	46	YES	0
SGB	21	44	ROLLSTAB	ROLL	SVI @ LTE +0.22	47	YES	0
SGB	22	9	ROLLSTAB	ROLL	SVI @ LTE +0.18	48	YES	0
SGB	22	40	ROLLSTAB	ROLL	SVI @ LTE +0.14	49	YES	0
SGB	22	50	ROLLSTAB	ROLL	SVI @ LTE +0.17	50	YES	0
SGB	22	59	ROLLSTAB	ROLL	SVI @ LTE +0.23	51	YES	0
SGB	22	90	ROLLSTAB	ROLL	SCI @ LTE +0.09	52	YES	0
SGB	23	4	ROLLSTAB	ROLL	SVI @ LTE +0.19	53	YES	0
SGB	23	32	ROLLSTAB	ROLL	SVI @ LTE +0.20	54	YES	0
SGB	24	15	ROLLSTAB	ROLL	SAI @ LTE +0.17	55	YES	0
SGB	26	4	ROLLSTAB	ROLL	SVI @ LTE +0.09	56	YES	0
SGB	27	4	ROLLSTAB	ROLL	SAI @ LTE +0.16	57	YES	0
SGB	28	5	ROLLSTAB	ROLL	SCI @ LTE +0.25	58	YES	0
SGB	29	94	ROLLSTAB	ROLL	SCI @ LTE +0.16	59	YES	0
SGB	30	54	ROLLSTAB	ROLL	SVI @ LTE +0.19	60	YES	0
SGB	33	23	ROLLSTAB	ROLL	SAI @ LTE +0.01	61	YES	0
SGB	35	93	ROLLSTAB	ROLL	SVI @ LTE +0.11	62	YES	0
SGB	36	97	ROLLSTAB	ROLL	SVI @ LTE +0.10	63	YES	0
SGB	36	112	ROLLSTAB	ROLL	SCI @ LTE +0.47	64	YES	0
SGB	37	41	ROLLSTAB	ROLL	SAI @ LTE +0.19	65	YES	0
SGB	37	43	ROLLSTAB	ROLL	SVI @ LTE +0.91	66	YES	0
SGB	37	101	ROLLSTAB	ROLL	SVI @ LTE +0.19	67	YES	0

Table 4-2 (Cont.)

Tubes Removed From Service By Plugging: SG B

SG	Row	Tube	Hot Leg	Cold Leg	Reason for Tube Repair	Tube Qty.	Stab	Rev.
SGB	38	115	ROLLSTAB	ROLL	SCI @ LTE +0.14	68	YES	0
SGB	40	8	ROLLSTAB	ROLL	SVI @ LTE +1.17	69	YES	0
SGB	42	10	ROLLSTAB	ROLL	SCI @ LTE +0.13	70	YES	0
SGB	43	43	ROLLSTAB	ROLL	SVI @ LTE +0.22	71	YES	0
SGB	44	12	ROLLSTAB	ROLL	SCI @ LTE +0.18	72	YES	0
SGB	46	54	ROLLSTAB	ROLL	SVI @ LTE +1.99	73	YES	0
SGB	48	44	ROLLSTAB	ROLL	SAI @ LTE +0.18	74	YES	0
SGB	49	35	ROLLSTAB	ROLL	SVI @ LTE +0.21	75	YES	0
SGB	50	6	ROLLSTAB	ROLL	SVI @ LTE +0.12	76	YES	0
SGB	50	10	ROLLSTAB	ROLL	SVI @ LTE +0.15	77	YES	0
SGB	51	3	ROLLSTAB	ROLL	SVI @ LTE +0.11	78	YES	0
SGB	51	70	ROLLSTAB	ROLL	SVI @ LTE +0.20	79	YES	0
SGB	52	17	ROLLSTAB	ROLL	SVI @ LTE +0.22	80	YES	0
SGB	53	46	ROLLSTAB	ROLL	SVI @ LTE +0.18	81	YES	0
SGB	54	20	ROLLSTAB	ROLL	SVI @ LTE +0.23	82	YES	0
SGB	56	33	ROLLSTAB	ROLL	SVI @ LTE +1.43	83	YES	0
SGB	56	37	ROLLSTAB	ROLL	SVI @ LTE +0.21	84	YES	0
SGB	56	63	ROLLSTAB	ROLL	SVI @ LTE +0.14	85	YES	0
SGB	56	67	ROLLSTAB	ROLL	SVI @ LTE +0.20	86	YES	0
SGB	57	33	ROLLSTAB	ROLL	SVI @ LTE +0.15	87	YES	0
SGB	57	44	ROLLSTAB	ROLL	SVI @ LTE +0.23	88	YES	0
SGB	57	69	ROLLSTAB	ROLL	SVI @ LTE +0.14	89	YES	0
SGB	58	58	ROLLSTAB	ROLL	SCI @ LTE +0.12	90	YES	0
SGB	58	82	ROLLSTAB	ROLL	SAI @ LTE +0.05	91	YES	0
SGB	59	64	ROLLSTAB	ROLL	SVI @ LTE +0.21	92	YES	0
SGB	59	82	ROLLSTAB	ROLL	SVI @ LTE +0.89	93	YES	0
SGB	60	42	ROLLSTAB	ROLL	SVI @ LTE +0.19	94	YES	0
SGB	60	73	ROLLSTAB	ROLL	SVI @ LTE +0.11	95	YES	0
SGB	60	87	ROLLSTAB	ROLL	SVI @ LTE +0.13	96	YES	0
SGB	64	62	ROLLSTAB	ROLL	SVI @ LTE +0.21	97	YES	0
SGB	64	113	ROLLSTAB	ROLL	SAI @ LTE +0.24	98	YES	0
SGB	64	124	ROLLSTAB	ROLL	SVI @ LTE +0.19	99	YES	0
SGB	65	27	ROLLSTAB	ROLL	SVI @ LTE +0.26	100	YES	0
SGB	66	125	ROLLSTAB	ROLL	MVI @ LTE +0.23	101	YES	0
S	66	126	ROLLSTAB	ROLL	SVI @ LTE +0.19	102	YES	0

Table 4-2 (Cont.)

Tubes Removed From Service By Plugging: SG B

SG	Row	Tube	Hot Leg	Cold Leg	Reason for Tube Repair	Tube Qty.	Stab	Rev.
SGB	67	13	ROLLSTAB	ROLL	SVI @ LTE +0.21	103	YES	0
SGB	67	126	ROLLSTAB	ROLL	SVI @ LTE +0.21	104	YES	0
SGB	68	4	SLEEVE PLUG	ROLL	SVI @ LTE +0.15	105	NO	0
SGB	68	122	ROLLSTAB	ROLL	SAI @ LTE +0.16	106	YES	0
SGB	69	73	ROLLSTAB	ROLL	SVI @ LTE +1.76	107	YES	0
SGB	70	22	ROLLSTAB	ROLL	SVI @ LTE +1.49	108	YES	0
SGB	70	123	ROLLSTAB	ROLL	SVI @ LTE +0.23	109	YES	0
SGB	71	48	ROLLSTAB	ROLL	SCI @ LTE +0.08	110	YES	0
SGB	72	62	ROLLSTAB	ROLL	SVI @ LTE +1.31	111	YES	0
SGB	72	83	ROLLSTAB	ROLL	SVI @ LTE +0.21	112	YES	0
SGB	72	124	ROLLSTAB	ROLL	SVI @ LTE +0.16	113	YES	0
SGB	73	16	ROLLSTAB	ROLL	SAI @ 15S +18.87	114	YES	1
SGB	73	108	ROLLSTAB	ROLL	SVI @ LTE +0.20	115	YES	0
SGB	74	65	ROLLSTAB	ROLL	SCI @ ETL +5.22	116	YES	1
				SCI @ ETL +5.22				
SGB	75	42	ROLLSTAB	ROLL	SAI @ LTE +0.18	117	YES	0
SGB	75	124	ROLLSTAB	ROLL	SVI @ LTE +0.13	118	YES	0
SGB	79	62	ROLLSTAB	ROLL	SAI @ 15S +18.88	119	YES	1
SGB	80	49	ROLLSTAB	ROLL	SAI @ 15S -13.44	120	YES	1
				SAI @ 15S -14.28				
SGB	80	122	ROLLSTAB	ROLL	SVI @ LTE +0.28	121	YES	0
SGB	82	67	ROLLSTAB	ROLL	SVI @ LTE +0.97	122	YES	0
				SVI @ LTE +1.30				
SGB	83	51	ROLLSTAB	ROLL	SAI @ UTS -0.42	123	YES	1
				SAI @ UTS -1.90				
SGB	84	36	ROLLSTAB	ROLL	SAI @ 15S +12.10	124	YES	1
SGB	84	103	ROLLSTAB	ROLL	SVI @ LTE +0.80	125	YES	0
SGB	88	72	ROLLSTAB	ROLL	SVI @ LTE +0.77	126	YES	0
SGB	91	48	ROLLSTAB	ROLL	SAI @ UTS -6.43	127	YES	1
SGB	92	25	ROLLSTAB	ROLL	SVI @ LTE +0.31	128	YES	0
SGB	92	61	ROLLSTAB	ROLL	SVI @ LTE +0.19	129	YES	0
SGB	93	58	ROLLSTAB	ROLL	SVI @ LTE +0.22	130	YES	0
SGB	93	60	ROLLSTAB	ROLL	SCI @ LTE +0.29	131	YES	0
				SVI @ LTE +0.20				
SGB	93	62	ROLLSTAB	ROLL	SVI @ LTE +0.12	132	YES	0

Table 4-2 (Cont.)

Tubes Removed From Service By Plugging: SG B

SG	Row	Tube	Hot Leg	Cold Leg	Reason for Tube Repair	Tube Qty.	Stab	Rev.
SGB	94	64	ROLLSTAB	ROLL	SVI @ LTE +0.17	133	YES	0
SGB	95	38	ROLLSTAB	ROLL	MVI @ LTE +0.16	134	YES	0
SGB	95	39	ROLLSTAB	ROLL	SVI @ LTE +0.26	135	YES	0
					SVI @ LTE +0.31			
SGB	96	40	ROLLSTAB	ROLL	SVI @ LTE +0.19	136	YES	0
SGB	96	42	ROLLSTAB	ROLL	SVI @ LTE +0.14	137	YES	0
SGB	96	62	ROLLSTAB	ROLL	SVI @ LTE +0.11	138	YES	0
SGB	97	36	ROLLSTAB	ROLL	SVI @ LTE +0.15	139	YES	0
SGB	97	88	ROLLSTAB	ROLL	SVI @ LTE +0.23	140	YES	0
SGB	102	38	ROLLSTAB	ROLL	MVI @ LTE +0.16	141	YES	0
SGB	103	40	ROLLSTAB	ROLL	SVI @ LTE +0.16	142	YES	0
SGB	103	42	ROLLSTAB	ROLL	SVI @ LTE +0.22	143	YES	0
SGB	103	49	ROLLSTAB	ROLL	SVI @ LTE +0.13	144	YES	0
SGB	103	121	ROLLSTAB	ROLL	SCI @ LTE +0.12	145	YES	0
SGB	104	41	ROLLSTAB	ROLL	SVI @ LTE +0.14	146	YES	0
SGB	104	47	ROLLSTAB	ROLL	SAI @ LTE +0.25	147	YES	0
SGB	104	51	ROLLSTAB	ROLL	SVI @ LTE +0.18	148	YES	0
SGB	104	61	ROLLSTAB	ROLL	SVI @ LTE +0.19	149	YES	0
SGB	105	36	ROLLSTAB	ROLL	SVI @ LTE +0.20	150	YES	0
SGB	105	37	ROLLSTAB	ROLL	SVI @ LTE +0.14	151	YES	0
SGB	106	15	ROLLSTAB	ROLL	SVI @ LTE +0.17	152	YES	0
SGB	106	49	ROLLSTAB	ROLL	SVI @ LTE +0.24	153	YES	0
SGB	106	54	ROLLSTAB	ROLL	SVI @ LTE +0.22	154	YES	0
SGB	107	35	ROLLSTAB	ROLL	SVI @ LTE +0.14	155	YES	0
SGB	107	58	ROLLSTAB	ROLL	SVI @ LTE +0.15	156	YES	0
SGB	108	34	ROLLSTAB	ROLL	SVI @ LTE +0.18	157	YES	0
SGB	108	57	ROLLSTAB	ROLL	SVI @ LTE +0.18	158	YES	0
SGB	110	4	ROLLSTAB	ROLL	SCI @ LTE +0.16	159	YES	0
SGB	111	47	ROLLSTAB	ROLL	SVI @ LTE +0.26	160	YES	0
SGB	113	11	ROLLSTAB	ROLL	SVI @ LTE +0.22	161	YES	0
SGB	113	48	ROLLSTAB	ROLL	SVI @ LTE +0.23	162	YES	0
SGB	114	3	ROLLSTAB (2)	ROLL	SAI @ 15S -5.53	163	YES	1
					SAI @ 15S -6.17			
					SAI @ 15S -6.60			
					SAI @ 15S -8.17			
					SAI @ 15S -8.72			

Table 4-2 (Cont.)

Tubes Removed From Service By Plugging: SG B

SG	Row	Tube	Hot Leg	Cold Leg	Reason for Tube Repair	Tube Qty.	Stab	Rev.
SGB	114	51	ROLLSTAB	ROLL	SVI @ LTE +0.30	164	YES	0
SGB	115	2	ROLLSTAB	ROLL	SAI @ 11S +14.52	165	YES	1
SGB	116	9	ROLLSTAB	ROLL	SVI @ LTE +0.18	166	YES	0
SGB	116	78	ROLLSTAB	ROLL	SAI @ LTE +0.18	167	YES	0
SGB	117	20	ROLLSTAB	ROLL	SVI @ LTE +0.22	168	YES	0
SGB	117	54	ROLLSTAB	ROLL	SVI @ LTE +0.26	169	YES	0
SGB	117	81	ROLLSTAB	ROLL	SVI @ LTE +0.26	170	YES	0
SGB	118	1	ROLLSTAB	ROLL	MAI @ UTS -1.69	171	YES	1
SGB	119	15	ROLLSTAB	ROLL	SVI @ LTE +0.15	172	YES	0
SGB	119	19	ROLLSTAB	ROLL	MVI @ LTE +0.15	173	YES	0
SGB	119	23	ROLLSTAB	ROLL	SAI @ LTE +0.16	174	YES	0
SGB	119	36	ROLLSTAB	ROLL	SVI @ LTE +0.16	175	YES	0
SGB	119	43	ROLLSTAB	ROLL	SVI @ LTE +0.19	176	YES	0
SGB	120	23	ROLLSTAB	ROLL	SVI @ LTE +0.17	177	YES	0
SGB	120	55	ROLLSTAB	ROLL	SVI @ LTE +0.19	178	YES	0
SGB	120	107	ROLLSTAB	ROLL	SAI @ LTE +0.42	179	YES	0
SGB	121	18	ROLLSTAB	ROLL	SVI @ LTE +0.16	180	YES	0
SGB	121	28	ROLLSTAB	ROLL	SVI @ LTE +0.13	181	YES	0
SGB	121	30	ROLLSTAB	ROLL	SVI @ LTE +0.12	182	YES	0
SGB	121	38	ROLLSTAB	ROLL	SVI @ LTE +0.22	183	YES	0
SGB	122	18	ROLLSTAB	ROLL	SVI @ LTE +0.31	184	YES	0
SGB	122	27	ROLLSTAB	ROLL	SVI @ LTE +0.13	185	YES	0
SGB	122	34	ROLLSTAB	ROLL	SVI @ LTE +0.20	186	YES	0
SGB	122	40	ROLLSTAB	ROLL	SAI @ LTE +0.20	187	YES	0
SGB	122	93	ROLLSTAB	ROLL	SVI @ LTE +1.62	188	YES	0
SGB	123	98	ROLLSTAB	ROLL	SVI @ LTE +0.13	189	YES	0
SGB	124	18	ROLLSTAB	ROLL	MVI @ LTE +0.22	190	YES	0
SGB	124	30	ROLLSTAB	ROLL	SVI @ LTE +0.15	191	YES	0
SGB	124	32	ROLLSTAB	ROLL	SCI @ LTE +0.13	192	YES	0
SGB	124	46	ROLLSTAB	ROLL	SVI @ LTE +0.37	193	YES	0
SGB	125	32	ROLLSTAB	ROLL	MVI @ LTE +0.22	194	YES	0
SGB	125	99	ROLLSTAB	ROLL	SCI @ LTE +0.15	195	YES	0
SGB	128	10	ROLLSTAB	ROLL	SVI @ LTE +0.19	196	YES	0
SGB	128	27	ROLLSTAB	ROLL	SVI @ LTE +0.19	197	YES	0

Table 4-2 (Cont.)

Tubes Removed From Service By Plugging: SG B

SG	Row	Tube	Hot Leg	Cold Leg	Reason for Tube Repair	Tube Qty.	Stab	Rev.
SGB	128	37	ROLLSTAB	ROLL	SVI @ LTE +0.24	198	YES	0
SGB	131	10	ROLLSTAB	ROLL	SVI @ LTE +0.16	199	YES	0
SGB	131	24	ROLLSTAB	ROLL	SVI @ LTE +0.17	200	YES	0
SGB	132	79	ROLLSTAB	ROLL	SVI @ LTE +0.20	201	YES	0
SGB	133	11	ROLLSTAB	ROLL	SVI @ LTE +0.58	202	YES	0
SGB	133	41	ROLLSTAB	ROLL	SVI @ LTE +0.15	203	YES	0
SGB	133	74	ROLLSTAB	ROLL	SVI @ LTE +1.36	204	YES	0
SGB	134	53	ROLLSTAB	ROLL	SVI @ LTE +2.19	205	YES	0
SGB	138	7	ROLLSTAB	ROLL	SVI @ LTE +0.30	206	YES	0
SGB	140	20	ROLLSTAB	ROLL	SVI @ LTE +0.07	207	YES	0
SGB	140	70	ROLLSTAB	ROLL	SCI @ LTE +0.17	208	YES	0
SGB	142	1	ROLLSTAB	ROLL	SVI @ LTE +2.02	209	YES	0
SGB	148	37	ROLLSTAB	ROLL	SCI @ LTE +0.45	210	YES	0
SGB	149	18	ROLLSTAB	ROLL	SCI @ LTE +0.17	211	YES	0
SGB	150	25	ROLLSTAB	ROLL	SVI @ LTE +0.19	212	YES	0
SGB	151	14	ROLLSTAB	ROLL	SVI @ LTE +0.31	213	YES	0
Totals						213	212	

The total number of tubes plugged in OTSG-A is 1,561 (10.3% of the 15,531 tubes), and the total number of plugged tubes in OTSG-B is 765 (5.2% of the 15,531 tubes).

The 80" sleeves installed in the TMI-1 OTSG's affect primary coolant flow and alter the effective plugged percentage of tubes. Per Reference 15, 6.7 tubes with 80" sleeves installed are hydraulically equivalent to 1 plugged tube:

- The effective plugging percentage of OTSG-A, considering the 1R15 Outage tube plugging and the effect of its 247 in-service sleeves, is now 10.29%. [$(1561 + (247/6.7)) / 15531 = 0.1029$]
- The effective plugging percentage of OTSG-B, considering the 1R15 Outage tube plugging and the effect of its 252 in-service sleeves, is now 5.17%. [$(765 + (252/6.7)) / 15531 = 0.0517$]

5. CONDITION ASSESSMENTS

A. CONDITION MONITORING

Condition monitoring evaluations consider the "as found" condition of the steam generators, and the ability of the steam generators to withstand hypothetical plant transients over the course of the operating cycle prior to the outage.

The primary-to-secondary leakrate from the TMI-1 steam generators during the cycle preceding the 1R15 Outage was very low. During the last week of the operating cycle the calculated primary-to-secondary leakrate was less than 1 gallon per day.

During the outage all of the in-service tubes were inspected using the eddy current examination technique. Based on these examinations the steam generators would have maintained structural and leakage integrity during a postulated MSLB accident on the last day of the preceding cycle.

As discussed in Section 2.C.2, eddy current indications in the upper tubesheet kinetic expansions were *assumed to leak* during a postulated MSLB if their through wall extent (as estimated by a Plus-Point coil) was >67% TW. Each of these potential "leakage contributor" indications was conservatively evaluated to determine the volume of primary-to-secondary leakage associated with that indication if an MSLB had occurred. These accident-induced leakage volumes were summed for each of the indications to predict the hypothetical leakage from all of the expansions. The resulting calculated leakage was considerably less than that allowed by the plant's FSAR. (See Table 3-15.)

All of the plant's in-service steam generator tubes were inspected. The degradation observed during the 1R15 Outage was evaluated in a manner consistent with NEI 97-06 and the EPRI Guidelines. The evaluations indicated that the observed degradation did not present serious challenges to the structural margin requirements at the end of the last cycle of operation, or challenge the plant's leakage integrity limits.

B. OPERATIONAL ASSESSMENT

An operational assessment of the 1R15 Outage inspection results was successfully performed using methods consistent with NEI 97-06 and the EPRI Guidelines. Considering indications detected during Outage 1R15, and indications assumed to remain in service following the 1R15 Outage, the probability of rupture/burst of a tube under postulated TMI-1 MSLB accident loads supports full cycle operation.

6. CONCLUSIONS

Based on the results of the 2003, Outage 1R15 ECT examinations, tube pulls and data evaluations, TMI-1 was able to reach the following conclusions:

1. Evaluation of the ID IGA indications continues to indicate no trend of ongoing degradation.

2. "Groove IGA" is an active damage mechanism at TMI-1. However, the number of indications and growth rates continue to support full cycle operation.
3. Tube-to-tube support plate wear is not an active damage mechanism based on the Outage 1R15 examination results.
4. Lower tubesheet OD degradation was not detected during examination of the most susceptible regions with MRPC probes.
5. The installed Inconel 690 sleeves continued to perform without degradation.
6. OD volumetric IGA (similar to OD volumetric IGA in other OTSGs) continues to be detected at TMI-1 in small numbers and is not a tube integrity issue based on eddy current examination and prior in situ pressure testing results.
7. One possible loose part was detected but no associated tube degradation was present.
8. No degradation due to damage from severely plugged tubes was detected.
9. Operational assessment evaluation determined the steam generators are acceptable for full Cycle 15 operation.
10. Lower tube end roll expansion region PWS is an active damage mechanism.

7. REFERENCES

1. TMI-1 Technical Specification 4.19, "OTSG Tube Inspection".
2. TMI-1 Technical Specification License Amendment No. 1, effective October 5, 2003.
3. Letter from J. Knobel of GPU Nuclear to USNRC, "Retueling (11R) Outage Once Through Steam Generator (OTSG) Tube Inspection Report with ASME Section NIS-1 Covering the 11R OTSG Inservice Inspections", 08/01/96.
4. Three Mile Island Nuclear Station Unit No. 1 Surveillance Procedure 1300-4B, Rev. 13, "Eddy Current Examination of OTSG", 06/11/03.
5. Framatome Technologies Procedure 54-ISI-400-12, "Multi-Frequency Eddy Current Examination of Tubing".
6. GPU Nuclear Calculation C-1101-224-E280-072, Revision 1, "ID IGA Flaw Detection and Sizing Performance for the Bobbin Coil Eddy Current Examination Technique".
7. Framatome Technologies Report 51-5000345-01, J. Griffith, "PWSCC and Primary Side IGA Sizing Performance of OTSG Rotating Coil Examinations", 08/04/99.
8. Exelon Procedure ER-AP-335-040, "Analysis of OTSG Eddy Current Data".
9. "Pressurized Water Reactor Steam Generator Examination Guidelines: Revision 6, Requirements." EPRI, Palo Alto, CA: 2002. 1003138.
10. ASME Boiler and Pressure Vessel Code, Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components", 1995 Edition With 1996 Addenda.
11. USNRC Regulatory Guide 1.121, "Bases for Plugging Degraded PWR Steam Generator Tubes", August 1976.
12. Framatome Technologies Report 51-5015677-00, "In-Situ Pressure Test Summary for TMI Unit 1 (October 2001)".

13. Letter from Michael P. Gallagher of AmerGen Energy to USNRC, "Additional Information Regarding Kinetic Expansion Inspection and Repair Criteria", 10/04/2002. (Note that this letter submits TMI ECR# 02-01121, Revision 0, "Inspection Acceptance Criteria and Leakage Assessment Methodology for TMI OTSG Kinetic Expansion Examinations".)
14. Not used.
15. FTI Calculation #32-1234876-00, Rev 0, "TMI-1 Tube Plugging RCS Flow Prediction", July 1995.
16. "TMI-1 Outage 1R15 Degradation Assessment & Condition Monitoring Checklist, Revision 1", Memorandum TMI-NOB-3, 5970-2003-023.
17. Framatome Technologies report 51-5005406-02, "Qualified Eddy Current Examination Techniques for Three Mile Island 1R15".
18. Not used.
19. EPRI Report 1007904, "Steam Generator In Situ Guidelines: Revision 2, EPRI, Palo Alto, CA: 2003. 1007904"
20. Exelon T&RM ER-TM-335-1005, "Analysis of OTSG Eddy Current Data At TMI"
21. Framatome ANP Report 77-5011531-00, "Bobbin Coil OTSG Wear Depth Sizing"
22. AmerGen Energy Document ECR TM 01-00328, Revision 1, "Management Program for Volumetric Inside Diameter Intergranular Attack (ID IGA) in Once Through Steam Generators", October 2001
23. Framatome ANP Report 51-5011828-00, "TMI - Sizing Wear With Bobbin Data"
24. NRC Information Notice 2002-02, "Recent Experience With Plugged Steam Generator Tubes"
25. AmerGen Energy CMT Number 603383, "OTSG Outage 1R15 ETSS's (Examination Technique Specification Sheets)"
26. AmerGen Energy Memorandum 5970-2002-018, Subject: "TMI Exceptions to NEI 97-06, Revision, "Steam Generator Program Guidelines" and the EPRI Steam Generator Guidelines", January 2003

ANALYSIS CHARACTERIZATION AND REPORTING CODES

Code	Definition	Required Fields
<i>The three letter codes in this section of this attachment are to be used for identifying ECT signals of interest as required by the applicable ETSS</i>		
AAS	Accept Axial Speed – reported when an axial speed failure was identified by the DQV software and accepted by manual review of the examination data.	SG, Row, Tube, Extent
ADI	Absolute Drift Indication -- reported when the analyst interprets an absolute bobbin signal as anomalous and requiring further disposition that cannot be properly reported with a differential channel.	SG, Row, Tube, Volts, Deg, %, Ch, Loc, Inch, Extent
ARC	ARC Length – signifies a circumferential length measurement has been recorded. Denotes that the measurement in the volt field is the circumferential length measurement of an indication in inches and the measurement in the DEG field is the circumferential extent measurement of an indication in degrees. Requires activation of two measurement features in the CScan user selects window.	SG, Row, Tube, Volts, Deg, %, Ch, Loc, Inch, Extent
ASR	Accept Axial Sample Rate – reported when an axial sample rate failure was identified by the DQV software and accepted by manual review of the examination data.	SG, Row, Tube, Extent
BLG	Bulge -- an indication that the diameter of the tubing has been altered in a bulge-like fashion (i.e., increase in tubing diameter).	SG, Row, Tube, Volts, Deg, %, Ch, Loc, Inch, Extent
BVC	Below Voltage Criteria -- an indication evaluated with the bobbin probe to be ID-initiated originated and less than 0.4 volt (based on 4 volt normalization) and less than 3:1 signal-to-noise ratio and is therefore not applicable for the assignment of a %TW depth measurement.	SG, Row, Tube, Volts, Deg, %, Ch, Loc, Inch, Extent
CLP	Clip Plot Measure -- denotes that the measurement in the UTIL1 field is the circumferential length measurement of an indication in inches and the measurement in the UTIL2 field is the axial length measurement of an indication in inches.	SG, Row, Tube, %, Ch, Loc, Inch, Extent, UTIL1&2
DNT	Dent -- used to annotate a reduction in tube diameter anywhere in the tube.	SG, Row, Tube, Volts, Deg, %, Ch, Loc, Inch, Extent
HR	Historical Review -- a code used in the UTIL1 field to document compliance with a requirement to review historical examination data for a particular indication.	As Required by Implementing Analysis Code
IDC	ID Chatter – caused by manufacturing process (pilgering). Characterized by long areas of horizontal signal motion.	SG, Row, Tube, Volts, Deg, %, Ch, Loc, Inch, Extent
IDOK	Tube Identification OK – a code used in the UTIL1 field to document compliance with a requirement to review current examination data for duplicate tube encodes. In this case, a duplicate tube encode exists in the same examination technique signifying the tube was examined more than once and it is desired to verify and document the accuracy of the examinations.	As Required by Implementing Analysis Code
INF	Indication Not Found -- this designator is used only if a previously identified indication is not recurring. In this case, a tubing number check shall be performed and tubesheet signature shall be reviewed to verify that the correct tube is being examined.	SG, Row, Tube, %, Loc, Inch, Extent, (HR in UTIL1)
INR	Indication Not Reportable – an indication that has been previously reported but does not meet current reporting criteria.	SG, Row, Tube, Volts, Deg, %, Ch, Loc, Inch, Extent
LAR	Lead Analyst Review – Signifies a report entry that was reviewed by the lead analyst. Entered into location UTIL2.	SG, Row, Tube, Volts, Deg, %, Ch, Loc, Inch, Extent
LEN	Length Measure -- denotes that the measurement in the Volts field is the axial length measurement of an indication in inches.	SG, Row, Tube, Volts, Deg, %, Ch, Loc, Inch, Extent
MAI	Multiple Axial Indication -- an MRPC call determined from indication morphology	SG, Row, Tube, Volts, Deg, %, Ch, Loc, Inch, Extent

ANALYSIS CHARACTERIZATION AND REPORTING CODES (Cont'd)

MBM	Machine Burnish Mark (or Manufacturing Buff Mark) -- an indication believed to be produced from a condition resulting from the final hand polishing or grinding operations on the tubing during manufacture which is performed to remove imperfections on the tube's outer surface. An indication must have repeatable history to be considered an MBM (MRPC examinations only).	SG, Row, Tube, Volts, Deg. %, Ch, Loc, Inch, Extent
MVI	Multiple Volumetric Indication -- an MRPC call determined from indication morphology	SG, Row, Tube, Volts, Deg. %, Ch, Loc, Inch, Extent
NDD	No Detectable Degradation -- designator used for an examination that indicates that the region inspected is free of detectable degradation. The actual entry of the code is not required.	SG, Row, Tube, Extent
NDF	No Degradation Found -- designator used for a rotating examination to disposition an area of interest that another technique has flagged for rotating examination, but when inspected with the rotating technique no degradation was identified. The code of "NDF" is required along with the location of the indication of interest (e.g., bobbin probe exam "NQI" location) and rotating probe examination extent.	SG, Row, Tube, %, Loc, Inch, Extent
NQI	Non Quantifiable Indication -- an ET signal identified by the bobbin analyst as possibly containing an indication, however due to noise, lack of multi-frequency channel correlation, or other signal peculiarities, the analyst cannot sufficiently interpret the signal to draw any conclusion. This is an interim disposition.	SG, Row, Tube, Volts, Deg. %, Ch, Loc, Inch, Extent
PBA	Prior Bobbin Analysis -- code assigned to a specific data record to provide a means of clearing the record through data management without re-reporting indications already reported during a previous scan of the same area.	SG, Row, Tube, %, Extent
PID	Positive Identification -- this designates that at least one confirming ET inspection has been performed on the area of interest with the results indicating that the initial and confirming analysis results are in concurrence to identify a tube. Analysts will use the exact location from the indication of interest when reporting the PID.	SG, Row, Tube, Volts, Deg. %, Ch, Loc, Inch, Extent
PLP	Possible Loose Part -- shall be reported when ET provides evidence of a possible loose part adjacent to or in the vicinity of a tube. Adjacent tubes shall be checked to determine if there is a PLP signal or any indication of wall loss from the loose part.	SG, Row, Tube, Volts, Deg. %, Ch, Loc, Inch, Extent
PRA	Prior Rotating Analysis -- code assigned to a specific data record to provide a means of clearing the record through data management without re-reporting indications already reported during a previous scan of the same area.	SG, Row, Tube, %, Extent
PTP	Preventive Tube Plug -- this code is assigned to tubes that have been identified for preventive tube plugging.	SG, Row, Tube, Ch, Loc, Inch, Extent
PVN	Permeability -- shall be reported only if suspected of masking an indication or as otherwise required by a specific ETSS requirement	SG, Row, Tube, Volts, Deg. %, Ch, Loc, Inch, Extent
SAI	Single Axial Indication -- an MRPC call determined from indication morphology	SG, Row, Tube, Volts, Deg. %, Ch, Loc, Inch, Extent
SCI	Single Circumferential Indication -- an MRPC call determined from indication morphology	SG, Row, Tube, Volts, Deg. %, Ch, Loc, Inch, Extent
SLV	Sleeve Indication -- all indications observed in the sleeve material shall be identified with this code in UTIL1 field.	As Required by Implementing Analysis Code
SVI	Single Volumetric Indication -- an MRPC call determined from indication morphology	SG, Row, Tube, Volts, Deg. %, Ch, Loc, Inch, Extent
TUB	Parent Tubing Indication -- any indication in the parent tube material in the sleeved region shall be identified with this code in UTIL1 field.	As Required by Implementing Analysis Code
VOL	Volumetric Indication -- an MRPC indication that is not crack-like yet has some discernible volume to it and displays signals of inside diameter initiation. Example, an ID IGA indication in the tube freespan.	SG, Row, Tube, Volts, Deg. %, Ch, Loc, Inch, Extent
WAR	Wear Call -- used in UTIL1 Field for TSP wear indications. Indications will be labeled WAR only after the criteria for disposition of indications at TSPs are met.	SG, Row, Tube, Volts, Deg. %, Ch, Loc, Inch, Extent, UTIL1

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island

This appendix contains all recordable indications for tubes in service prior to the 1R15 Outage. Tubes plugged based on eddy current examination results are highlighted by bold print. Indications of volumetric ID IGA are recorded with a code of "VOL". Axial and circumferential length for both ID and OD volumetric indications are recorded with a code of "CLP". Circumferential length for circumferential indications are recorded with a code of "ARC" and axial length for axial indications are recorded with a code of "LEN". "TWD" highlights a percent through wall dimension record.

Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
2	14	4.34	177	P 1	DNT		LTE	+11.03	LTE UTE					540HF	540 BOBBIN EXAM
		2.71	177	P 1	DNT		LTE	+11.56	LTE UTE					540HF	540 BOBBIN EXAM
		0.38	3	3	INR		15S	+40.91	LTE UTE					540HF	540 BOBBIN EXAM
2	27	5.14	174	F 1	DNT		LTE	+10.76	LTE UTE					510UL	510 BOBBIN EXAM
3	5	7.86	175	P 1	DNT		LTE	+10.69	UTE LTE					510UL	510 BOBBIN EXAM
3	7				NDF		LTE	+11.10	LTE LTE					520HF	SPECIAL INTEREST +P
		3.77	173	P 1	DNT		LTE	+11.10	UTE LTE					510UL	510 BOBBIN EXAM
3	15	2.99	176	P 1	DNT		LTE	+10.75	LTE UTE					510UL	510 BOBBIN EXAM
3	16				NDF		09S	-0.30	09S 09S					520HF	SPECIAL INTEREST +P
		0.18	56	P 1	NQI		09S	-0.30	LTE UTE					510UL	510 BOBBIN EXAM
		2.32	173	P 1	INR		LTE	+10.90	LTE UTE					510UL	510 BOBBIN EXAM
3	17	0.49	7	3	TWD 23		15S	+32.84	LTE UTE					540HF	540 BOBBIN EXAM
		0.39	9	P 2	BVC		UTS	+0.33	LTE UTE					540HF	540 BOBBIN EXAM
		0.36	7	P 5	VOL		UTS	-14.22	UTS UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-14.22	UTS UTS	0.13	0.12			520HF	SPECIAL INTEREST +P
		0.30	13	P 5	VOL		UTS	+0.47	UTS UTS					520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+0.47	UTS UTS	0.13	0.16			520HF	KINETIC EXP +POINT
		0.48	7	P 5	VOL		UTS	-14.07	UTS UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-14.07	UTS UTS	0.17	0.18			520HF	SPECIAL INTEREST +P
		0.27	14	P 5	VOL		UTS	+0.41	UTS UTS					520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+0.41	UTS UTS	0.17	0.13			520HF	KINETIC EXP +POINT
		0.26	13	P 5	VOL		UTS	+0.47	UTS ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+0.47	UTS ETL	0.16	0.15			520HF	KINETIC EXP +POINT
		0.78	23	P 5	VOL		ETL	+2.97	UTS ETL	43				520HF	KINETIC EXP +POINT
		0.31	15	P 5	VOL		ETL	+2.09	UTS ETL	20				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.09	UTS ETL	0.16	0.15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.97	UTS ETL	0.16	0.15			520HF	KINETIC EXP +POINT
3	23	0.92	144	3	NQI		LTE	+8.34	LTE UTE					510UL	510 BOBBIN EXAM
					NDF		LTE	+8.34	LTE LTE					520HF	SPECIAL INTEREST +P
3	27	2.48	173	P 1	INR		LTE	+10.42	LTE UTE					510UL	510 BOBBIN EXAM
4	14	0.20	70	P 5	TWD 5		08S	+0.81	LTE UTE	WAR				510UL	510 BOBBIN EXAM
4	17				NDF		15S	+7.16	15S 15S					520HF	SPECIAL INTEREST +P
		0.13	88	3	NQI		15S	+7.16	LTE UTE					510UL	510 BOBBIN EXAM
4	19	0.12	118	P 5	TWD 3		13S	+0.32	LTE UTE	WAR				510UL	510 BOBBIN EXAM
4	29	0.96	8	3	TWD 27		15S	+27.39	LTE UTE					540HF	540 BOBBIN EXAM
		0.38	6	3	BVC		15S	+35.97	LTE UTE					540HF	540 BOBBIN EXAM
		0.56	8	P 5	VOL		UTS	-19.70	UTS UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-19.70	UTS UTS	0.19	0.20			520HF	SPECIAL INTEREST +P
		0.23	14	P 5	VOL		UTS	-10.83	UTS UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-10.83	UTS UTS	0.19	0.16			520HF	SPECIAL INTEREST +P
		0.65	9	P 5	VOL		UTS	-25.63	UTS UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-25.63	UTS UTS	0.17	0.13			520HF	SPECIAL INTEREST +P
		0.74	10	P 5	VOL		UTS	-19.34	UTS UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-19.34	UTS UTS	0.22	0.26			520HF	SPECIAL INTEREST +P
		0.36	11	P 5	VOL		UTS	-10.53	UTS UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-10.53	UTS UTS	0.17	0.22			520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
4	32	0.51	17	P 5	VOL		ETL +0.96	ETL	ETL	25				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +0.96	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
		0.49	20	P 5	VOL		ETL +0.00	ETL	ETL	33				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +0.00	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
5	3	0.56	8	3	TWD 27	15S	+44.20	LTE	UTE					540HF	540 BOBBIN EXAM
		0.38	5	3	BVC	14S	+24.16	LTE	UTE					540HF	540 BOBBIN EXAM
		0.88	11	3	TWD 37	15S	+44.79	LTE	UTE					540HF	540 BOBBIN EXAM
		0.24	12	P 5	VOL	15S	-10.37	15S	15S	0.19		0.15		520HF	SPECIAL INTEREST +P
			0	12	CLP	15S	-10.37	15S	15S					520HF	SPECIAL INTEREST +P
		0.29	10	P 5	VOL	15S	+1.00	15S	15S					520HF	SPECIAL INTEREST +P
			0	12	CLP	15S	+1.00	15S	15S	0.17		0.13		520HF	SPECIAL INTEREST +P
		0.36	11	P 5	VOL	15S	+4.77	15S	15S					520HF	SPECIAL INTEREST +P
			0	12	CLP	15S	+4.77	15S	15S	0.17		0.13		520HF	SPECIAL INTEREST +P
		0.40	11	P 5	VOL	15S	+5.00	15S	15S					520HF	SPECIAL INTEREST +P
			0	12	CLP	15S	+5.00	15S	15S	0.17		0.13		520HF	SPECIAL INTEREST +P
		0.34	19	P 5	VOL	15S	-6.50	15S	15S					520HF	SPECIAL INTEREST +P
			0	12	CLP	15S	-6.50	15S	15S	0.17		0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP	15S	-10.00	15S	15S	0.17		0.13		520HF	SPECIAL INTEREST +P
		0.22	21	P 5	VOL	15S	-10.00	15S	15S					520HF	SPECIAL INTEREST +P
		0.28	7	P 5	VOL	15S	+10.00	15S	15S					520HF	SPECIAL INTEREST +P
			0	12	CLP	15S	+10.00	15S	15S	0.17		0.13		520HF	SPECIAL INTEREST +P
		0.27	16	P 5	VOL	15S	+10.00	15S	15S					520HF	SPECIAL INTEREST +P
			0	12	CLP	15S	+10.00	15S	15S	0.22		0.18		520HF	SPECIAL INTEREST +P
		1.22	13	P 5	VOL	15S	-10.00	15S	15S					520HF	SPECIAL INTEREST +P
			0	12	CLP	15S	-10.00	15S	15S	0.17		0.22		520HF	SPECIAL INTEREST +P
		0.38	21	P 5	VOL	15S	-10.00	15S	15S					520HF	SPECIAL INTEREST +P
			0	12	CLP	15S	-10.00	15S	15S	0.17		0.22		520HF	SPECIAL INTEREST +P
		0.76	7	P 5	VOL	UTS	-10.00	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-10.00	UTS	UTS	0.17		0.13		520HF	SPECIAL INTEREST +P
		1.40	15	P 5	VOL	UTS	-10.00	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-10.00	UTS	UTS	0.17		0.16		520HF	SPECIAL INTEREST +P
5	5	2.75	175	P 1	DNT	LTE	+10.00	LTE	UTE					540HF	540 BOBBIN EXAM
		0.19	86	3	NQI	12S	+10.00	LTE	UTE					540HF	540 BOBBIN EXAM
		0.60	6	3	TWD 20	15S	+10.00	LTE	UTE					540HF	540 BOBBIN EXAM
					NDF	13S	+10.00	LTE	UTE					520HF	SPECIAL INTEREST +P
		0.52	13	P 5	VOL	UTS	-10.00	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-10.00	UTS	UTS	0.12		0.12		520HF	SPECIAL INTEREST +P
5	6	0.42	15	P 5	VOL	ETL	+0.50	ETL	ETL	20				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.50	ETL	ETL	0.23		0.15		520HF	KINETIC EXP +POINT
		0.47	17	P 5	VOL	ETL	+2.80	ETL	ETL	25				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.80	ETL	ETL	0.18		0.15		520HF	KINETIC EXP +POINT
		0.65	17	P 5	VOL	ETL	+3.43	ETL	ETL	25				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.43	ETL	ETL	0.18		0.24		520HF	KINETIC EXP +POINT
		1.91	172	P 1	INR	LTE	+10.78	UTE	LTE					510UL	510 BOBBIN EXAM
5	16				NDF	15S	+0.32	15S	15S					520HF	SPECIAL INTEREST +P
		0.10	69	P 1	NQI	15S	+0.32	LTE	UTE					510UL	510 BOBBIN EXAM
5	42	2.63	175	P 1	DNT	LTE	+10.23	LTE	UTE					510UL	510 BOBBIN EXAM
6	5	2.64	176	P 1	DNT	LTE	+10.56	UTE	LTE					510UL	510 BOBBIN EXAM
6	10	1.77	24	2	SAI	LTE	+0.06	LTE	LTE	0.22				520HF	LTE ROLL +POINT
		0.13	0	2	LEN	LTE	+0.06	LTE	LTE					520HF	LTE ROLL +POINT
		0.77	41	2	PID	LTE	+0.06	LTE	LTE					520HF	LTE ROLL +POINT
6	12	0.49	24	P 5	VOL	ETL	-1.05	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-1.05	UTS	ETL	0.15		0.10		520HF	KINETIC EXP +POINT
		0.69	21	P 5	VOL	ETL	-1.10	ETL	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-1.10	ETL	ETL	0.20		0.16		520HF	KINETIC EXP +POINT
6	15	0.74	51	P 5	TWD 15	08S	+0.59	UTE	LTE	WAR				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
6	18	0.46	6	3	TWD	20	10S	+25.01	LTE	UTE				540HF	540 BOBBIN EXAM
					NDF		11S	-11.00	11S	11S				520HF	SPECIAL INTEREST +P
6	20				NDF		10S	+7.52	10S	10S				520HF	SPECIAL INTEREST +P
		0.24	108	3	NQI		10S	+7.52	LTE	UTE				510UL	510 BOBBIN EXAM
6	25				NDF		LTS	-0.23	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.52	118	P 1	NQI		LTS	-0.23	LTE	UTE				510UL	510 BOBBIN EXAM
6	27				NDF		UTS	-4.62	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.78	89	6	ADI		15S	+41.38	LTE	UTE				510UL	510 BOBBIN EXAM
6	28	0.31	102	P 2	TWD	9	08S	+0.66	08S	08S	WAR			520HF	SPECIAL INTEREST +P
					NDF		14S	+5.11	14S	14S				520HF	SPECIAL INTEREST +P
					NDF		15S	-12.68	15S	15S				520HF	SPECIAL INTEREST +P
		0.41	119	3	NQI		14S	+5.11	LTE	UTE				510UL	510 BOBBIN EXAM
		0.19	89	P 5	NQI		08S	+0.79	LTE	UTE				510UL	510 BOBBIN EXAM
		0.45	78	6	ADI		14S	+22.32	LTE	UTE				510UL	510 BOBBIN EXAM
6	30	0.17	57	P 2	INR		LTE	+9.50	LTE	UTE				510UL	510 BOBBIN EXAM
		0.14	92	P 2	INR		LTE	+14.04	LTE	UTE				510UL	510 BOBBIN EXAM
6	32				NDF		03S	+16.73	03S	03S				520HF	SPECIAL INTEREST +P
		2.89	164	P 1	DNT		03S	+16.73	LTE	UTE				510UL	510 BOBBIN EXAM
6	33	0.33	69	P 5	TWD	8	05S	+0.78	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
6	47	0.37	7	3	BVC		15S	+40.16	LTE	UTE				540HF	540 BOBBIN EXAM
		0.43	8	3	TWD	27	15S	+20.02	LTE	UTE				540HF	540 BOBBIN EXAM
		0.45	5	3	TWD	17	15S	+24.11	LTE	UTE				540HF	540 BOBBIN EXAM
		0.35	19	P 5	VOL		UTS	-26.43	UTS	UTS	0.24	0.19		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-26.43	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.10	20	P 5	VOL		UTS	-25.09	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.18	25	P 5	VOL		UTS	-22.27	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-22.27	UTS	UTS	0.16	0.19		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-25.09	UTS	UTS	0.16	0.25		520HF	SPECIAL INTEREST +P
		0.26	5	P 5	VOL		UTS	-21.50	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-21.50	UTS	UTS	0.20	0.19		520HF	SPECIAL INTEREST +P
		0.57	23	P 5	VOL		UTS	-6.22	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-6.22	UTS	UTS	0.20	0.19		520HF	SPECIAL INTEREST +P
		0.24	8	P 5	VOL		UTS	-20.57	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.43	9	P 5	VOL		UTS	-12.41	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-12.41	UTS	UTS	0.20	0.25		520HF	SPECIAL INTEREST +P
		0.15	9	P 5	VOL		UTS	-8.43	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-8.43	UTS	UTS	0.20	0.25		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-20.57	UTS	UTS	0.20	0.25		520HF	SPECIAL INTEREST +P
		0.41	0	P 5	VOL		15S	+20.45	15S	15S				520HF	SPECIAL INTEREST +P
		0.39	2	P 5	VOL		15S	+23.74	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+23.74	15S	15S	0.17	0.18		520HF	SPECIAL INTEREST +P
		0.22	37	P 5	VOL		15S	+25.06	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+25.06	15S	15S	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.55	20	P 5	VOL		UTS	-15.15	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-15.15	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.39	14	P 5	VOL		UTS	-15.49	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-15.49	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.48	5	P 5	VOL		UTS	-12.55	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-12.55	UTS	UTS	0.17	0.18		520HF	SPECIAL INTEREST +P
		0.64	16	P 5	VOL		UTS	-7.03	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-7.03	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.35	10	P 5	VOL		UTS	-8.17	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-8.17	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
		0.26	3	P 5	VOL		UTS	-5.38	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-5.38	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+20.45	15S	15S	0.17	0.13		520HF	SPECIAL INTEREST +P
6	48	0.34	60	P 1	NQI		14S	-0.70	LTE	UTE				540HF	540 BOBBIN EXAM
		0.82	4	3	INR		UTS	+0.43	LTE	UTE				540HF	540 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.42	71	P 2	TWD 13	14S	-0.78	14S	14S	WAR				520HF	SPECIAL INTEREST +P
		0.32	15	P 5	VOL	ETL	-3.02	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-3.02	UTS	ETL	0.11	0.10			520HF	KINETIC EXP +POINT
		0.70	28	P 5	VOL	UTS	+0.47	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	UTS	+0.47	UTS	ETL	0.21	0.15			520HF	KINETIC EXP +POINT
		0.22	27	P 5	VOL	UTS	+1.18	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	UTS	+1.18	UTS	ETL	0.11	0.10			520HF	KINETIC EXP +POINT
		0.30	11	P 5	VOL	ETL	-1.64	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-1.64	UTS	ETL	0.11	0.10			520HF	KINETIC EXP +POINT
		0.16	6	P 5	VOL	ETL	-2.61	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-2.61	UTS	ETL	0.16	0.15			520HF	KINETIC EXP +POINT
7	2	0.26	8	3	BVC	04S	+6.83	LTE	UTE					540HF	540 BOBBIN EXAM
		0.31	8	3	BVC	09S	+10.25	LTE	UTE					540HF	540 BOBBIN EXAM
		0.43	21	P 5	VOL	04S	+5.89	04S	04S					520HF	SPECIAL INTEREST +P
			0	12	CLP	04S	+5.89	04S	04S	0.12	0.12			520HF	SPECIAL INTEREST +P
		0.26	22	P 5	VOL	04S	+6.82	04S	04S					520HF	SPECIAL INTEREST +P
			0	12	CLP	04S	+6.82	04S	04S	0.12	0.12			520HF	SPECIAL INTEREST +P
					NDF	09S	+10.25	09S	09S					520HF	SPECIAL INTEREST +P
		0.90	29	P 5	VOL	09S	+9.67	09S	09S					520HF	SPECIAL INTEREST +P
			90	12	CLP	09S	+9.67	09S	09S	0.15	0.11			520HF	SPECIAL INTEREST +P
7	4	0.42	11	P 5	VOL	UTS	-14.22	UTS	UTS					520HF	SPECIAL INTEREST +P
		0.34	4	P 5	VOL	UTS	-14.73	UTS	UTS					520HF	SPECIAL INTEREST +P
		0.49	15	P 5	VOL	UTS	+0.74	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	+0.74	UTS	UTS	0.10	0.11			520HF	SPECIAL INTEREST +P
		0.40	21	P 5	VOL	UTS	+0.33	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	+0.33	UTS	UTS	0.10	0.11			520HF	SPECIAL INTEREST +P
		0.73	17	P 5	VOL	UTS	-0.57	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-0.57	UTS	UTS	0.16	0.17			520HF	SPECIAL INTEREST +P
		0.45	23	P 5	VOL	UTS	-1.89	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-1.89	UTS	UTS	0.10	0.18			520HF	SPECIAL INTEREST +P
		0.47	175	P 5	INR	UTS	-8.08	UTS	UTS					520HF	SPECIAL INTEREST +P
		0.54	12	P 5	VOL	UTS	-12.92	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-12.92	UTS	UTS	0.10	0.17			520HF	SPECIAL INTEREST +P
		0.38	11	P 5	VOL	UTS	-13.62	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-13.62	UTS	UTS	0.10	0.17			520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-14.22	UTS	UTS	0.10	0.11			520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-14.73	UTS	UTS	0.10	0.11			520HF	SPECIAL INTEREST +P
7	44	0.60	18	P 5	VOL	ETL	-0.14	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.14	UTS	ETL	0.16	0.15			520HF	KINETIC EXP +POINT
		0.43	14	P 5	VOL	UTS	+1.42	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	UTS	+1.42	UTS	ETL	0.16	0.15			520HF	KINETIC EXP +POINT
		0.43	18	P 5	VOL	UTS	+2.20	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	UTS	+2.20	UTS	ETL	0.16	0.15			520HF	KINETIC EXP +POINT
		0.34	15	P 5	VOL	UTS	+3.34	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	UTS	+3.34	UTS	ETL	0.16	0.10			520HF	KINETIC EXP +POINT
		0.24	19	P 5	VOL	UTS	-3.01	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	UTS	-3.01	UTS	ETL	0.11	0.10			520HF	KINETIC EXP +POINT
7	51	2.96	172	P 1	DNT	LTE	+10.22	LTE	UTE					510UL	510 BOBBIN EXAM
8	2	0.57	10	3	TWD 33	12S	+29.08	LTE	UTE					540HF	540 BOBBIN EXAM
		0.79	6	3	TWD 20	12S	+33.32	LTE	UTE					540HF	540 BOBBIN EXAM
		0.47	10	3	TWD 33	12S	+16.13	LTE	UTE					540HF	540 BOBBIN EXAM
		0.35	31	P 5	VOL	12S	+15.45	12S	12S					520HF	SPECIAL INTEREST +P
			0	12	CLP	12S	+15.45	12S	12S	0.12	0.11			520HF	SPECIAL INTEREST +P
		0.39	15	P 5	VOL	12S	+18.05	12S	12S					520HF	SPECIAL INTEREST +P
			0	12	CLP	12S	+18.05	12S	12S	0.12	0.11			520HF	SPECIAL INTEREST +P
		0.30	11	P 5	VOL	13S	-3.65	13S	13S					520HF	SPECIAL INTEREST +P
			0	12	CLP	13S	-3.65	13S	13S	0.12	0.12			520HF	SPECIAL INTEREST +P
					NDF	13S	-7.92	13S	13S					520HF	SPECIAL INTEREST +P
					NDF	13S	-17.07	13S	13S					520HF	SPECIAL INTEREST +P
		0.53	15	P 5	VOL	13S	-18.45	13S	13S					520HF	SPECIAL INTEREST +P
			0	12	CLP	13S	-18.45	13S	13S	0.17	0.13			520HF	SPECIAL INTEREST +P
		0.67	13	P 5	VOL	13S	-21.22	13S	13S					520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		13S	-21.22	13S	13S	0.17	0.13		520HF	SPECIAL INTEREST +P
		1.02	15	P 5	VOL		13S	-12.07	13S	13S				520HF	SPECIAL INTEREST +P
			0	12	CLP		13S	-12.07	13S	13S	0.22	0.18		520HF	SPECIAL INTEREST +P
		0.47	13	P 5	VOL		13S	-8.11	13S	13S				520HF	SPECIAL INTEREST +P
			0	12	CLP		13S	-8.11	13S	13S	0.17	0.18		520HF	SPECIAL INTEREST +P
		0.63	3	P 5	VOL		13S	-3.75	13S	13S				520HF	SPECIAL INTEREST +P
			0	12	CLP		13S	-3.75	13S	13S	0.17	0.13		520HF	SPECIAL INTEREST +P
8	6	0.35	65	P 1	ARC		LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
		1.04	33	P 5	SCI		LTE	+0.14	LTE	LTE		LAR		520HF	LTE ROLL +POINT
		0.74	37	P 5	PID		LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
8	15	0.65	18	P 5	VOL		ETL	-0.72	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.72	UTS	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
		0.78	22	P 5	VOL		ETL	-0.77	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.77	ETL	ETL	0.18	0.15		520HF	KINETIC EXP +POINT
8	20				NDF		LTE	+10.41	LTE	LTE				520HF	SPECIAL INTEREST +P
		3.35	174	P 1	DNT		LTE	+10.41	LTE	UTE				510UL	510 BOBBIN EXAM
8	21	0.85	43	P 5	PID		LTE	+0.16	LTE	LTE				520HF	LTE ROLL +POINT
		0.23	43	P 5	ARC		LTE	+0.16	LTE	LTE				520HF	LTE ROLL +POINT
		1.00	33	P 5	SCI		LTE	+0.16	LTE	LTE		LAR		520HF	LTE ROLL +POINT
8	25	0.30	80	P 5	TWD 7		08S	+0.75	LTE	UTE		WAR		510UL	510 BOBBIN EXAM
6	32				NDF		13S	-18.05	13S	13S				520HF	SPECIAL INTEREST +P
		1.62	82	6	ADI		12S	+18.95	LTE	UTE				510UL	510 BOBBIN EXAM
8	34				NDF		15S	-1.77	15S	15S				520HF	SPECIAL INTEREST +P
		1.27	85	6	ADI		14S	+33.23	LTE	UTE				510UL	510 BOBBIN EXAM
8	54	3.87	174	P 1	DNT		LTE	+11.33	LTE	UTE				510UL	510 BOBBIN EXAM
9	6	0.30	6	3	BVC		15S	+21.58	LTE	UTE				540HF	540 BOBBIN EXAM
		0.37	15	P 5	VOL		15S	+21.71	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+21.71	15S	15S	0.18	0.12		520HF	SPECIAL INTEREST +P
9	23				NDF		UTS	+1.05	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.83	132	3	NQI		UTS	+1.05	LTE	UTE				510UL	510 BOBBIN EXAM
9	25	3.22	176	P 1	DNT		LTE	+10.31	LTE	UTE				510UL	510 BOBBIN EXAM
9	26				NDF		LTE	+10.36	LTE	LTE				520HF	SPECIAL INTEREST +P
		3.98	175	P 1	DNT		LTE	+10.36	LTE	UTE				510UL	510 BOBBIN EXAM
9	57				NDF		15S	+0.14	15S	15S				520HF	SPECIAL INTEREST +P
		0.14	127	P 2	NQI		15S	+0.19	LTE	UTE				510UL	510 BOBBIN EXAM
9	59		0	12	CLP		UTS	-1.19	UTS	ETL	0.11	0.05		520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	-0.13	UTS	ETL	0.11	0.11		520HF	KINETIC EXP +POINT
		0.31	24	P 5	VOL		ETL	+0.42	UTS	ETL	47			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.42	UTS	ETL	0.11	0.05		520HF	KINETIC EXP +POINT
		0.26	22	P 5	VOL		ETL	+1.31	UTS	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.31	UTS	ETL	0.11	0.16		520HF	KINETIC EXP +POINT
		0.51	16	P 5	VOL		ETL	+3.17	UTS	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.17	UTS	ETL	0.16	0.11		520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+0.05	UTS	ETL	0.11	0.11		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.56	UTS	ETL	0.11	0.05		520HF	KINETIC EXP +POINT
		0.50	13	P 5	VOL		UTS	+0.05	UTS	ETL				520HF	KINETIC EXP +POINT
		0.43	11	P 5	VOL		UTS	-0.13	UTS	ETL				520HF	KINETIC EXP +POINT
		0.36	13	P 5	VOL		UTS	-1.19	UTS	ETL				520HF	KINETIC EXP +POINT
		0.48	19	P 5	VOL		ETL	-0.56	UTS	ETL				520HF	KINETIC EXP +POINT
10	16	0.28	8	P 5	VOL		ETL	+0.93	ETL	ETL	6			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.93	ETL	ETL	0.17	0.15		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
10	22	2.66	178	P 1	DNT		LTE	+9.94	UTE	LTE				510UL	510 BOBBIN EXAM
10	28				NDF		LTE	+10.10	LTE	LTE				520HF	SPECIAL INTEREST +P
		3.61	176	P 1	DNT		LTE	+10.10	LTE	UTE				510UL	510 BOBBIN EXAM
10	40	0.47	15	P 5	VOL		ETL	+1.07	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.07	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
10	61	0.31	12	P 5	VOL		ETL	+0.40	ETL	ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.40	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
10	63	4.66	175	P 1	DNT		LTE	+10.51	LTE	UTE				510UL	510 BOBBIN EXAM
		0.55	16	P 5	VOL		ETL	+1.58	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.58	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.51	10	P 5	VOL		ETL	+3.53	ETL	ETL	9			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.53	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.42	20	P 5	VOL		ETL	+3.88	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.88	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
11	1	0.24	37	P 5	TWD 5		08S	+0.57	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
11	21	0.46	40	P 5	TWD 10		08S	+0.77	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
11	24	2.88	173	P 1	DNT		LTE	+10.16	UTE	LTE				510UL	510 BOBBIN EXAM
		0.33	98	P 5	TWD 7		08S	-0.78	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
11	25	4.30	181	P 1	DNT		LTE	+10.08	UTE	LTE				510UL	510 BOBBIN EXAM
11	28	2.79	175	P 1	DNT		LTE	+10.18	LTE	UTE				510UL	510 BOBBIN EXAM
11	29				NDF		LTE	+10.05	LTE	LTE				520HF	SPECIAL INTEREST +P
		3.10	176	P 1	DNT		LTE	+10.05	LTE	UTE				510UL	510 BOBBIN EXAM
11	40				NDF		LTE	+7.08	LTE	LTE				520HF	SPECIAL INTEREST +P
		1.00	132	3	NQI		LTE	+7.08	LTE	UTE				510UL	510 BOBBIN EXAM
11	45	0.26	107	P 2	INR		LTE	+13.83	LTE	UTE				510UL	510 BOBBIN EXAM
11	60	6.29	174	P 1	DNT		LTE	+8.60	LTE	UTE				510UL	510 BOBBIN EXAM
11	61	5.82	174	P 1	DNT		LTE	+8.33	LTE	UTE				510UL	510 BOBBIN EXAM
11	67	5.56	174	P 1	DNT		LTE	+11.41	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.41	LTE	LTE				520HF	SPECIAL INTEREST +P
12	28				NDF		01S	+4.12	01S	01S				520HF	SPECIAL INTEREST +P
		1.08	89	6	ADI		01S	+4.12	LTE	UTE				510UL	510 BOBBIN EXAM
12	51	0.47	4	3	INR		12S	+26.69	LTE	UTE				540HF	540 BOBBIN EXAM
		1.35	4	3	INR		12S	+11.67	LTE	UTE				540HF	540 BOBBIN EXAM
12	52	0.21	89	3	NQI		03S	+21.46	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		04S	-18.54	04S	04S				520HF	SPECIAL INTEREST +P
12	61				NDF		LTE	+11.52	LTE	LTE				520HF	SPECIAL INTEREST +P
					NDF		LTE	+8.70	LTE	LTE				520HF	SPECIAL INTEREST +P
		7.02	175	P 1	DNT		LTE	+8.70	LTE	UTE				510UL	510 BOBBIN EXAM
		5.30	176	P 1	DNT		LTE	+11.52	LTE	UTE				510UL	510 BOBBIN EXAM
12	63	6.39	174	P 1	DNT		LTE	+8.31	LTE	UTE				510UL	510 BOBBIN EXAM
12	68	6.36	174	P 1	DNT		LTE	+11.63	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.63	LTE	LTE				520HF	SPECIAL INTEREST +P
12	71				NDF		01S	+10.64	01S	01S				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.11	60	3	NQI		01S		LTE	UTE				510UL	510 BOBBIN EXAM
13	1		0	12	CLP		12S	-2.41	12S	12S	0.23	0.18		520HF	SPECIAL INTEREST +P
		0.58	22	P 5	VOL		12S	-2.41	12S	12S				520HF	SPECIAL INTEREST +P
			0	12	CLP		14S	-13.73	14S	14S	0.22	0.17		520HF	SPECIAL INTEREST +P
			0	12	CLP		14S	-12.88	14S	14S	0.17	0.22		520HF	SPECIAL INTEREST +P
			0	12	CLP		14S	-9.12	14S	14S	0.17	0.17		520HF	SPECIAL INTEREST +P
			0	12	CLP		14S	-5.71	14S	14S	0.22	0.22		520HF	SPECIAL INTEREST +P
			0	12	CLP		14S	-3.18	14S	14S	0.17	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		14S	-2.35	14S	14S	0.28	0.17		520HF	SPECIAL INTEREST +P
			0	12	CLP		14S	-1.46	14S	14S	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.98	24	P 5	VOL		14S	-13.73	14S	14S				520HF	SPECIAL INTEREST +P
		0.95	18	P 5	VOL		14S	-12.88	14S	14S				520HF	SPECIAL INTEREST +P
		0.57	23	P 5	VOL		14S	-9.12	14S	14S				520HF	SPECIAL INTEREST +P
		0.35	16	P 5	VOL		14S	-5.71	14S	14S				520HF	SPECIAL INTEREST +P
		0.18	16	P 5	VOL		14S	-3.18	14S	14S				520HF	SPECIAL INTEREST +P
		0.46	21	P 5	VOL		14S	-2.35	14S	14S				520HF	SPECIAL INTEREST +P
		0.13	17	P 5	VOL		14S	-1.46	14S	14S				520HF	SPECIAL INTEREST +P
		0.84	5	3	TWD	17	13S	+22.03						540HF	540 BOBBIN EXAM
		0.60	8	3	TWD	27	13S	+22.94						540HF	540 BOBBIN EXAM
		0.52	8	3	TWD	27	11S	-35.84						540HF	540 BOBBIN EXAM
13	8	0.21	39	P 5	ARC		LTE	+0.09	LTE	LTE				520HF	LTE ROLL +POINT
		1.12	35	P 5	SCI		LTE	+0.09	LTE	LTE		LAR		520HF	LTE ROLL +POINT
		1.35	44	P 5	PID		LTE	+0.09	LTE	LTE				520HF	LTE ROLL +POINT
13	42	0.13	58	P 5	TWD	3	09S	-0.14						510UL	510 BOBBIN EXAM
13	64	6.59	174	P 1	DNT		LTE	-8.21						510UL	510 BOBBIN EXAM
		5.37	173	P 1	DNT		LTE	+11.16						510UL	510 BOBBIN EXAM
					NDF		LTE	-11.16						520HF	SPECIAL INTEREST +P
					NDF		LTE	-8.21						520HF	SPECIAL INTEREST +P
13	67	1.20	29	P 5	VOL		ETL	-2.18						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.18			58	0.16	0.15	520HF	KINETIC EXP +POINT
14	3				NDF		LTE	-10.84						520HF	SPECIAL INTEREST +P
		4.12	171	P 1	DNT		LTE	-10.84						510UL	510 BOBBIN EXAM
14	5				NDF		01S	-7.65						520HF	SPECIAL INTEREST +P
		2.84	179	P 1	DNT		LTS	+38.31						510UL	510 BOBBIN EXAM
14	59	0.17	96	P 5	TWD	4	05S	-0.66						510UL	510 BOBBIN EXAM
14	63	5.64	175	P 1	DNT		LTE	+11.30						510UL	510 BOBBIN EXAM
14	64	6.95	174	P 1	DNT		LTE	+11.16						510UL	510 BOBBIN EXAM
15	7	0.46	15	P 5	VOL		ETL	+1.17	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.17	ETL	ETL	0.17	0.16		520HF	KINETIC EXP +POINT
15	15	0.42	18	3	NQI		10S	+19.43	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		11S	-16.57	11S	11S				520HF	SPECIAL INTEREST +P
15	41	0.69	61	P 5	TWD	15	05S	+0.75	LTE	UTE	WAR			540HF	540 BOBBIN EXAM
15	67	5.54	173	P 1	DNT		LTE	+11.19	LTE	UTE				510UL	510 BOBBIN EXAM
		0.28	75	P 2	INR		LTE	+2.93	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.19	LTE	LTE				520HF	SPECIAL INTEREST +P
15	66	6.04	175	P 1	DNT		LTE	+11.20	LTE	UTE				510UL	510 BOBBIN EXAM
15	77	0.46	10	P 5	VOL		13S	-6.20	13S	13S				520HF	SPECIAL INTEREST +P
		0.31	13	P 5	VOL		13S	-9.23	13S	13S				520HF	SPECIAL INTEREST +P
			0	12	CLP		13S	-9.23	13S	13S	0.11	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		13S	-6.20	13S	13S	0.17	0.17		520HF	SPECIAL INTEREST +P
		0.38	8	P 5	VOL		13S	-6.26	13S	13S				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		13S	-6.26	13S	13S	0.10	0.10		520HF	SPECIAL INTEREST +P
		0.22	18	P 5	VOL		13S	-9.03	13S	13S				520HF	SPECIAL INTEREST +P
			0	12	CLP		13S	-9.03	13S	13S	0.20	0.15		520HF	SPECIAL INTEREST +P
		0.32	5	P 5	VOL		13S	-12.32	13S	13S				520HF	SPECIAL INTEREST +P
			0	12	CLP		13S	-12.32	13S	13S	0.10	0.10		520HF	SPECIAL INTEREST +P
		0.23	17	P 5	VOL		12S	+16.78	12S	12S				520HF	SPECIAL INTEREST +P
			0	12	CLP		12S	+16.78	12S	12S	0.15	0.15		520HF	SPECIAL INTEREST +P
		0.35	6	3	BVC		12S	+16.87	LTE	UTE				540HF	540 BOBBIN EXAM
		0.42	6	3	TWD 20		12S	+27.52	LTE	UTE				540HF	540 BOBBIN EXAM
		0.49	6	3	TWD 20		12S	+30.53	LTE	UTE				540HF	540 BOBBIN EXAM
		0.36	7	3	BVC		12S	+24.32	LTE	UTE				540HF	540 BOBBIN EXAM
		0.43	3	3	INR		12S	+18.57	LTE	UTE				540HF	540 BOBBIN EXAM
16	5	0.87	17	P 5	VOL		ETL	-0.17	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.17	ETL	ETL	0.17	0.16		520HF	KINETIC EXP +POINT
16	17	0.90	77	6	INR		08S	+19.28	UTE	LTE				510UL	510 BOBBIN EXAM
16	29	0.36	22	P 5	VOL		ETL	+0.37	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.37	ETL	ETL	0.33	0.16		520HF	KINETIC EXP +POINT
16	48	0.18	27	P 5	VOL		ETL	-0.86	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.86	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
16	64	0.44	25	P 5	VOL		ETL	+0.25	ETL	ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.25	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
		0.42	13	P 5	VOL		ETL	+3.38	ETL	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.38	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.30	19	P 5	VOL		ETL	+0.53	ETL	ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.53	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
16	81	0.20	86	P 5	TWD 5		13S	+0.21	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
17	36	0.19	83	P 5	TWD 4		09S	-0.73	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
17	44				NDF		LTS	-3.07	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.18	102	P 2	NQI		LTE	+20.93	LTE	UTE				510UL	510 BOBBIN EXAM
17	48	0.60	101	P 1	INR		LTE	+9.94	LTE	UTE				510UL	510 BOBBIN EXAM
17	60	0.47	5	P 5	VOL		ETL	-1.45	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.45	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
17	69	0.87	105	P 1	INR		LTE	+3.48	LTE	UTE				510UL	510 BOBBIN EXAM
		7.39	174	P 1	DNT		LTE	+10.81	LTE	UTE				510UL	510 BOBBIN EXAM
17	70	6.98	174	P 1	DNT		LTE	+11.29	LTE	UTE				510UL	510 BOBBIN EXAM
17	72	0.23	70	P 5	TWD 5		08S	+0.70	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
17	81	0.74	20	P 5	VOL		ETL	-0.48	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.48	ETL	ETL	0.16	0.19		520HF	KINETIC EXP +POINT
		0.79	16	P 5	VOL		ETL	+0.36	ETL	ETL	22			520HF	KINETIC EXP +POINT
		1.27	21	P 5	VOL		ETL	+3.25	ETL	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.25	ETL	ETL	0.16	0.19		520HF	KINETIC EXP +POINT
		0.75	16	P 5	VOL		ETL	+3.43	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.43	ETL	ETL	0.12	0.13		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.36	ETL	ETL	0.16	0.25		520HF	KINETIC EXP +POINT
17	82	0.12	23	P 5	VOL		15S	+5.53	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+5.53	15S	15S	0.11	0.17		520HF	SPECIAL INTEREST +P
		0.36	13	3	BVC		15S	+6.20	LTE	UTE				540HF	540 BOBBIN EXAM
18	1		0	12	CLP		04S	+4.48	04S	04S	0.17	0.09		520HF	SPECIAL INTEREST +P
			0	12	CLP		04S	+5.13	04S	04S	0.11	0.13		520HF	SPECIAL INTEREST +P
		0.40	12	P 5	VOL		04S	+4.48	04S	04S				520HF	SPECIAL INTEREST +P
		0.71	15	P 5	VOL		04S	+5.13	04S	04S				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.52	9	3	TWD	30	04S	+5.22	LTE	UTE				540HF	540 BOBBIN EXAM
18	3	0	12	CLP	UTS			-21.66	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.77	28	P 5 VOL	UTS			-21.66	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.45	6	3 TWD	20	15S		+24.73	LTE	UTE				540HF	540 BOBBIN EXAM
18	4	0.62	14	P 5 SCI	ETL			+0.71	ETL	ETL	22			520HF	KINETIC EXP +POINT
		0.14	26	P 5 ARC	ETL			+0.71	ETL	ETL				520HF	KINETIC EXP +POINT
18	10	0.17	88	P 5 TWD	4	13S		-0.81	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
18	60	0	12	CLP	ETL			-0.37	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.59	25	P 5 VOL	ETL			+1.48	UTS	ETL	51			520HF	KINETIC EXP +POINT
			0	12 CLP	ETL			+1.48	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.86	23	P 5 VOL	ETL			+3.25	UTS	ETL	43			520HF	KINETIC EXP +POINT
			0	12 CLP	ETL			+3.25	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.38	24	P 5 VOL	ETL			-0.37	UTS	ETL				520HF	KINETIC EXP +POINT
18	74	0.25	69	P 5 TWD	6	08S		+0.72	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
18	79	0.31	57	P 5 TWD	9	08S		+0.69	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
19	1	0	12	CLP	06S			-5.11	06S	06S	0.17	0.09		520HF	SPECIAL INTEREST +P
		0.96	23	P 5 VOL	06S			-5.11	06S	06S				520HF	SPECIAL INTEREST +P
		0.37	15	3 BVC	05S			+31.78	LTE	UTE				540HF	540 BOBBIN EXAM
19	83			NDF	LTE			+10.85	LTE	LTE				520HF	SPECIAL INTEREST +P
		2.93	173	P 1 DNT	LTE			+10.85	LTE	UTE				510UL	510 BOBBIN EXAM
19	84			NDF	10S			+0.48	10S	10S				520HF	SPECIAL INTEREST +P
		0.11	76	P 1 NQI	10S			+0.48	LTE	UTE				510UL	510 BOBBIN EXAM
19	85	0.62	20	P 5 VOL	ETL			+1.59	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12 CLP	ETL			+1.59	ETL	ETL	0.09	0.18		520HF	KINETIC EXP +POINT
		0.47	16	P 5 VOL	ETL			+1.89	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12 CLP	ETL			+1.89	ETL	ETL	0.17	0.12		520HF	KINETIC EXP +POINT
		6.09	43	P 5 SCI	ETL			+2.87	ETL	ETL	97			520HF	KINETIC EXP +POINT
		0.88	26	P 5 VOL	ETL			+4.05	ETL	ETL	54			520HF	KINETIC EXP +POINT
			0	12 CLP	ETL			+4.05	ETL	ETL	0.26	0.18		520HF	KINETIC EXP +POINT
		0.25	47	P 5 ARC	ETL			+2.87	ETL	ETL				520HF	KINETIC EXP +POINT
20	1	0.87	17	P 5 VOL	06S			-15.36	06S	06S				520HF	SPECIAL INTEREST +P
			0	12 CLP	06S			-15.36	06S	06S	0.23	0.14		520HF	SPECIAL INTEREST +P
				NDF	08S			-4.84	08S	08S				520HF	SPECIAL INTEREST +P
			0	12 CLP	06S			-4.90	06S	06S	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.87	15	P 5 VOL	06S			-4.90	06S	06S				520HF	SPECIAL INTEREST +P
		0.41	8	3 TWD	27	05S		+31.92	LTE	UTE				540HF	540 BOBBIN EXAM
		0.46	6	3 TWD	20	05S		+21.64	LTE	UTE				540HF	540 BOBBIN EXAM
20	33	0.67	4	3 INR	14S			+14.18	LTE	UTE				540HF	540 BOBBIN EXAM
20	41	0.44	9	3 TWD	30	11S		+15.35	LTE	UTE				540HF	540 BOBBIN EXAM
				NDF	11S			+15.35	11S	11S				520HF	SPECIAL INTEREST +P
20	56	0.33	5	3 BVC	15S			+25.70	LTE	UTE				540HF	540 BOBBIN EXAM
		0.41	7	3 TWD	23	15S		+33.47	LTE	UTE				540HF	540 BOBBIN EXAM
		0.53	9	P 5 VOL	UTS			-13.14	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12 CLP	UTS			-13.14	UTS	UTS	0.17	0.18		520HF	SPECIAL INTEREST +P
				NDF	UTS			-20.68	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12 CLP	UTS			-12.89	UTS	UTS	0.15	0.16		520HF	SPECIAL INTEREST +P
		0.65	10	P 5 VOL	UTS			-12.89	UTS	UTS				520HF	SPECIAL INTEREST +P
20	57	0.31	16	P 5 VOL	ETL			-1.33	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12 CLP	ETL			-1.33	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
21	30	0.25	10	P 5 VOL	ETL			+0.81	ETL	ETL	9			520HF	KINETIC EXP +POINT
			0	12 CLP	ETL			+0.81	ETL	ETL	0.16	0.16		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
21	38	0.18	27	P 5	VOL		ETL	-0.21	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.21	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
21	39	0.23	17	P 5	VOL		ETL	-0.44	ETL	ETL				520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	-0.44	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
21	49	0.19	9	P 5	VOL		ETL	+2.75	ETL	ETL	8			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.75	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
21	67	0.34	18	P 5	VOL		ETL	-1.00	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.00	ETL	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
22	1	2.53	169	P 1	DNT		LTE	+11.46	UTE	LTE				510UL	510 BOBBIN EXAM
22	2				NDF		15S	+6.64	15S	15S				520HF	SPECIAL INTEREST +P
		0.17	51	3	NQI		15S	+6.64	UTE	LTE				510UL	510 BOBBIN EXAM
22	18				NDF		14S	+16.08	14S	14S				520HF	SPECIAL INTEREST +P
		0.19	104	3	NQI		14S	+16.08	UTE	LTE				510UL	510 BOBBIN EXAM
22	35	0.69	6	3	TWD	20	15S	+33.73	LTE	UTE				540HF	540 BOBBIN EXAM
		0.37	9	P 2	BVC		UTS	+4.02	LTE	UTE				540HF	540 BOBBIN EXAM
		0.18	9	P 5	VOL		UTS	-5.22	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-5.22	UTS	UTS	0.12	0.12		520HF	SPECIAL INTEREST +P
		0.38	29	P 5	VOL		UTS	+4.07	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	+4.07	UTS	UTS	0.19	0.16		520HF	SPECIAL INTEREST +P
		0.62	17	P 5	VOL		UTS	-13.09	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-13.09	UTS	UTS	0.12	0.12		520HF	SPECIAL INTEREST +P
		0.37	12	P 5	VOL		UTS	-5.02	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-5.02	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
22	46	0.44	70	P 5	TWD	9	08S	+0.74	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
22	50	0.52	22	P 5	VOL		ETL	-0.17	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.17	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.43	14	P 5	VOL		ETL	-1.37	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.37	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
22	82	0.27	15	3	BVC		15S	+29.92	UTE	LTE				540HF	540 BOBBIN EXAM
		0.26	12	3	BVC		15S	+26.08	UTE	LTE				540HF	540 BOBBIN EXAM
		0.34	9	P 5	VOL		UTS	-16.31	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-16.31	UTS	UTS	0.15	0.16		520HF	SPECIAL INTEREST +P
		0.24	11	P 5	VOL		UTS	-20.06	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-20.06	UTS	UTS	0.15	0.16		520HF	SPECIAL INTEREST +P
		0.41	7	3	TWD	23	15S	+30.28	LTE	UTE				510UL	510 BOBBIN EXAM
22	88	3.55	173	P 1	DNT		LTE	+10.73	LTE	UTE				510UL	510 BOBBIN EXAM
		0.19	101	P 1	INR		LTE	+15.23	LTE	UTE				510UL	510 BOBBIN EXAM
22	90	2.62	187	P 1	DNT		LTE	+11.38	LTE	UTE				510UL	510 BOBBIN EXAM
		0.17	97	3	NQI		14S	+33.25	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		15S	-1.75	15S	15S				520HF	SPECIAL INTEREST +P
23	15	0.55	19	P 5	VOL		ETL	+1.12	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.12	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
23	18				NDF		07S	+15.20	07S	07S				520HF	SPECIAL INTEREST +P
		2.50	178	P 1	DNT		07S	+15.20	UTE	LTE				510UL	510 BOBBIN EXAM
23	26	0.46	3	3	INR		15S	+32.53	UTE	LTE				540HF	540 BOBBIN EXAM
		0.50	2	3	INR		15S	+32.28	LTS	UTE				540HF	540 BOBBIN EXAM
		0.39	5	P 5	VOL		UTS	-14.34	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-14.34	UTS	UTS	0.17	0.18		520HF	SPECIAL INTEREST +P
23	44				NDF		06S	-0.91	06S	06S				520HF	SPECIAL INTEREST +P
		0.16	100	P 1	NQI		06S	-0.91	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
23	62	0.21	6	P 5	VOL		ETL	-1.60	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.60	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.61	35	P 5	VOL		ETL	-0.29	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.29	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.19	29	P 5	VOL		ETL	+0.23	UTS	ETL	67			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.23	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
23	63	0.28	32	P 5	VOL		ETL	-0.23	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.23	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
23	74				NDF		LTE	+11.39	LTE	LTE				520HF	SPECIAL INTEREST +P
		0.29	114	P 2	NQI		LTE	+11.39	LTE	UTE				510UL	510 BOBBIN EXAM
23	90	3.12	175	P 1	DNT		LTE	+12.20	LTE	UTE				510UL	510 BOBBIN EXAM
24	2				NDF		LTE	+11.11	LTE	LTE				520HF	SPECIAL INTEREST +P
		1.80	8	F 5	VOL		ETL	-1.48	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.48	ETL	ETL	0.17	0.15		520HF	KINETIC EXP +POINT
		3.40	174	P 1	DNT		LTE	+11.11	UTE	LTE				510UL	510 BOBBIN EXAM
24	10				NDF		09S	-2.64	09S	09S				520HF	SPECIAL INTEREST +P
		0.33	110	3	NQI		08S	+36.36	UTE	LTE				510UL	510 BOBBIN EXAM
24	11				NDF		01S	+5.61	01S	01S				520HF	SPECIAL INTEREST +P
		3.30	182	P 1	DNT		01S	+5.61	UTE	LTE				510UL	510 BOBBIN EXAM
24	41				NDF		01S	+17.17	01S	01S				520HF	SPECIAL INTEREST +P
		0.12	68	3	NQI		01S	+17.17	LTE	UTE				510UL	510 BOBBIN EXAM
24	42	0.74	3	3	INR		02S	+13.40	LTE	UTE				540HF	540 BOBBIN EXAM
		0.65	5	3	TWD 17		02S	+13.38	LTE	UTE				510UL	510 BOBBIN EXAM
24	50				NDF		LTS	-3.16	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.92	121	3	NQI		LTE	+20.84	LTE	UTE				510UL	510 BOBBIN EXAM
24	52				NDF		LTS	-10.95	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.85	122	3	NQI		LTE	+13.05	LTE	UTE				510UL	510 BOBBIN EXAM
24	56	0.51	16	P 5	VOL		ETL	+1.98	UTS	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.98	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.50	16	P 5	VOL		ETL	-0.71	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.71	UTS	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
		0.25	15	P 5	VOL		UTS	+0.55	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+0.55	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
24	76	1.57	28	P 5	VOL		ETL	+1.55	ETL	ETL	54			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.67	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
		0.41	14	P 5	VOL		ETL	-0.67	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.55	ETL	ETL	0.22	0.19		520HF	KINETIC EXP +POINT
24	77	0.53	18	P 5	VOL		ETL	-1.55	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.55	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
24	78	0.22	8	P 5	VOL		ETL	+1.36	ETL	ETL	6			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.36	ETL	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
		0.37	52	P 5	INR		ETL	-0.10	ETL	ETL				520HF	KINETIC EXP +POINT
		0.42	9	P 5	VOL		ETL	-0.79	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.79	ETL	ETL	0.11	0.19		520HF	KINETIC EXP +POINT
24	89	3.77	176	P 1	DNT		LTE	+10.85	LTE	UTE				510UL	510 BOBBIN EXAM
24	90	3.55	175	P 1	DNT		LTE	+10.77	LTE	UTE				510UL	510 BOBBIN EXAM
24	92	3.25	175	P 1	DNT		LTE	+11.73	LTE	UTE				510UL	510 BOBBIN EXAM
		0.35	62	P 2	NQI		15S	+1.10	LTE	UTE				510UL	510 BOBBIN EXAM
		0.59	97	1	MBM		15S	+1.10	15S	15S	HR			520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
25	1	0.22	97	P 1	INR	13S	-0.77	LTE	UTE					540HF	540 BOBBIN EXAM
		0.45	3	3	INR	12S	+3.34	LTE	UTE					540HF	540 BOBBIN EXAM
25	2	0.32	15	P 5	VOL	12S	+15.12	12S	12S					520HF	SPECIAL INTEREST +P
			0	12	CLP	12S	+15.12	12S	12S	0.17	0.14			520HF	SPECIAL INTEREST +P
		0.36	6	3	BVC	12S	+15.12	LTE	UTE					540HF	540 BOBBIN EXAM
25	41	0.47	19	P 5	VOL	ETL	-0.05	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.05	UTS	ETL	0.16	0.15			520HF	KINETIC EXP +POINT
25	70	0.37	14	P 5	VOL	ETL	+0.88	UTS	ETL	17				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.88	UTS	ETL	0.14	0.13			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.73	UTS	ETL	0.11	0.15			520HF	KINETIC EXP +POINT
		1.27	29	P 5	VOL	ETL	+1.73	UTS	ETL	67				520HF	KINETIC EXP +POINT
		1.81	31	P 5	VOL	ETL	+2.74	UTS	ETL	76				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.74	UTS	ETL	0.21	0.15			520HF	KINETIC EXP +POINT
		0.26	18	P 5	VOL	ETL	-1.10	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-1.10	UTS	ETL	0.11	0.15			520HF	KINETIC EXP +POINT
25	71	0.58	21	P 5	SCI	ETL	-1.84	UTS	ETL	25				520HF	KINETIC EXP +POINT
		0.19	35	P 5	ARC	ETL	-3.84	UTS	ETL					520HF	KINETIC EXP +POINT
		1.09	26	P 5	SCI	ETL	-3.84	UTS	ETL	54	F1			520HF	KINETIC EXP +POINT
		0.21	39	P 5	ARC	ETL	-3.84	UTS	ETL					520HF	KINETIC EXP +POINT
		0.74	26	P 5	SCI	ETL	-3.84	UTS	ETL	36	F2			520HF	KINETIC EXP +POINT
		0.16	30	P 5	ARC	ETL	-3.84	UTS	ETL					520HF	KINETIC EXP +POINT
25	79				NDF	LTE	-11.11	UTS	ETL					520HF	SPECIAL INTEREST +P
		0.37	96	P 2	NQI	LTE	-11.11	UTS	ETL					510UL	510 BOBBIN EXAM
25	82				NDF	LTE	-11.11	UTS	ETL					520HF	SPECIAL INTEREST +P
		0.35	131	P 2	NQI	LTE	-11.11	UTS	ETL					510UL	510 BOBBIN EXAM
25	94	3.62	182	P 1	DNT	LTE	-11.11	UTS	ETL					510UL	510 BOBBIN EXAM
		0.70	127	3	NQI	15S	-5.47	UTS	ETL					510UL	510 BOBBIN EXAM
			2		NDF	15S	-5.47	UTS	ETL					520HF	SPECIAL INTEREST +P
26	3	1.15	25	P 5	VOL	ETL	+0.44	UTS	ETL	51				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.44	UTS	ETL	0.17	0.10			520HF	KINETIC EXP +POINT
		0.66	18	P 5	VOL	ETL	+1.74	UTS	ETL	27				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.74	UTS	ETL	0.17	0.15			520HF	KINETIC EXP +POINT
		1.25	25	P 5	VOL	ETL	+2.85	UTS	ETL	51				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.85	UTS	ETL	0.17	0.15			520HF	KINETIC EXP +POINT
26	6				NDF	10S	+7.98	UTS	ETL					520HF	SPECIAL INTEREST +P
		0.18	100	3	NQI	10S	+7.98	UTS	ETL					510UL	510 BOBBIN EXAM
26	8	0.15	27	P 5	ARC	LTE	+0.12	LTE	LTE					520HF	LTE ROLL +POINT
		0.68	23	P 5	SCI	LTE	+0.12	LTE	LTE		LAR			520HF	LTE ROLL +POINT
		0.58	23	P 1	PID	LTE	+0.12	LTE	LTE					520HF	LTE ROLL +POINT
26	9	0.10	62	3	INR	08S	+36.70	UTE	LTE					510UL	510 BOBBIN EXAM
26	38	0.48	22	P 5	VOL	ETL	-0.27	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.27	UTS	ETL	0.15	0.10			520HF	KINETIC EXP +POINT
		0.48	21	P 5	VOL	ETL	-0.27	ETL	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.27	ETL	ETL	0.17	0.17			520HF	KINETIC EXP +POINT
26	46	0.17	15	P 5	VOL	ETL	-0.91	ETL	ETL					520HF	KINETIC EXP +POINT
		0.10	12	P 5	VOL	ETL	-0.65	ETL	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.65	ETL	ETL	0.16	0.15			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.48	ETL	ETL	0.16	0.15			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.91	ETL	ETL	0.16	0.10			520HF	KINETIC EXP +POINT
		0.24	8	P 5	VOL	ETL	+2.48	ETL	ETL	6				520HF	KINETIC EXP +POINT
26	52	0.22	9	P 5	VOL	ETL	-0.69	ETL	ETL					520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		ETL	-0.69	ETL	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
26	64	1.19	83	6	ADI		12S	+10.82	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		12S	+10.82	12S	12S				520HF	SPECIAL INTEREST +P
26	66	0.53	17	P 5	VOL		ETL	+0.14	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.14	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
26	87				NDF		LTS	-11.34	LTS	LTS				520HF	SPECIAL INTEREST +P
					NDF		LTS	-12.01	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.56	104	P 2	NQI		LTE	+11.99	LTE	UTE				510UL	510 BOBBIN EXAM
		0.68	111	P 2	NQI		LTE	+12.66	LTE	UTE				510UL	510 BOBBIN EXAM
26	92	0.60	21	P 5	VOL		ETL	-0.95	ETL	ETL	0.20	0.25		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.95	ETL	ETL				520HF	KINETIC EXP +POINT
26	96	5.06	175	P 1	DNT		LTE	+11.14	LTE	UTE				540HF	540 BOBBIN EXAM
		0.40	139	3	NQI		15S	+1.29	LTE	UTE				540HF	540 BOBBIN EXAM
		0.25	10	3	BVC		15S	+19.48	LTE	UTE				540HF	540 BOBBIN EXAM
		0.19	7	3	BVC		15S	+35.11	LTE	UTE				540HF	540 BOBBIN EXAM
			0	12	CLP		UTS	-11.27	UTS	UTS	0.14	0.11		520HF	SPECIAL INTEREST +P
		0.27	25	P 5	VOL		UTS	-11.27	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+19.48	15S	15S	0.14	0.11		520HF	SPECIAL INTEREST +P
		0.30	16	P 5	VOL		15S	+19.48	15S	15S				520HF	SPECIAL INTEREST +P
					NDF		15S	+1.29	15S	15S				520HF	SPECIAL INTEREST +P
					NDF		LTE	+11.14	LTE	LTE				520HF	SPECIAL INTEREST +P
27	2	0.38	16	P 5	VOL		ETL	-2.09	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.09	ETL	ETL	0.11	0.11		520HF	KINETIC EXP +POINT
27	6				NDF		05S	+11.64	05S	05S				520HF	SPECIAL INTEREST +P
		0.24	114	3	NQI		05S	+11.64	UTE	LTE				510UL	510 BOBBIN EXAM
		0.22	131	3	INR		09S	+33.25	UTE	LTE				510UL	510 BOBBIN EXAM
27	32				NDF		15S	+19.07	15S	15S				520HF	SPECIAL INTEREST +P
		0.54	35	3	NQI		15S	+19.07	UTE	LTE				510UL	510 BOBBIN EXAM
27	42	0.72	21	P 5	VOL		ETL	-0.03	UTS	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.03	UTS	ETL				520HF	KINETIC EXP +POINT
		0.30	18	P 5	VOL		ETL	+0.78	UTS	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.78	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
27	47	0.28	13	P 5	VOL		ETL	+0.77	UTS	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.77	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.34	14	P 5	VOL		ETL	+3.64	UTS	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.64	UTS	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
		0.53	11	P 5	VOL		ETL	-0.59	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.59	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
27	52	0.44	15	P 5	VOL		ETL	+0.65	UTS	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.65	UTS	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
		0.20	14	P 5	VOL		ETL	+4.26	UTS	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.26	UTS	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
		0.19	24	P 5	VOL		ETL	-1.86	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.86	UTS	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
		0.19	11	P 5	VOL		ETL	-2.03	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.03	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.18	5	P 5	VOL		ETL	-2.83	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.83	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
27	71	0.87	23	P 5	VOL		ETL	-2.93	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.93	UTS	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
		0.19	15	P 5	VOL		ETL	-2.09	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.09	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
27	86				NDF		LTS	-9.57	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.31	105	P 2	NQI		LTE	+14.43	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
27	96	0.45	19	P 5	VOL		UTS	-9.07	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-9.07	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
		0.25	7	P 5	VOL		UTS	-8.02	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-8.02	UTS	UTS	0.16	0.14		520HF	SPECIAL INTEREST +P
		0.51	7	3	TWD 23	15S		+37.67	LTE	UTE				540HF	540 BOBBIN EXAM
		0.24	9	3	BVC	15S		+38.57	LTE	UTE				540HF	540 BOBBIN EXAM
		2.23	175	P 1	INR		LTE	+10.28	LTE	UTE				540HF	540 BOBBIN EXAM
		0.54	24	P 5	VOL		UTS	-8.73	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.19	0	12	CLP		UTS	-8.73	UTS	UTS	.19	.19		520HF	SPECIAL INTEREST +P
		0.17	17	P 5	VOL		UTS	-7.91	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-7.91	UTS	UTS	0.05	0.05		520HF	SPECIAL INTEREST +P
27	97	3.28	174	P 1	DNT		LTE	+10.76	LTE	UTE				510UL	510 BOBBIN EXAM
		0.19	68	P 1	NQI		10S	-0.18	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		10S	-0.18	10S	10S				520HF	SPECIAL INTEREST +P
28	6				NDF		10S	-4.04	10S	10S				520HF	SPECIAL INTEREST +P
					NDF		10S	-3.58	10S	10S				520HF	SPECIAL INTEREST +P
		0.12	120	3	NQI		09S	+35.96	UTE	LTE				510UL	510 BOBBIN EXAM
		0.14	100	3	NQI		09S	+36.42	UTE	LTE				510UL	510 BOBBIN EXAM
		0.13	75	3	INR		10S	+11.42	UTE	LTE				510UL	510 BOBBIN EXAM
28	32		0	12	CLP		UTS	+5.16	UTS	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
		0.16	19	P 5	VOL		UTS	+5.16	UTS	ETL				520HF	KINETIC EXP +POINT
		0.26	4	P 5	VOL		ETL	-2.21	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.21	ETL	ETL	0.17	0.16		520HF	KINETIC EXP +POINT
28	52				NDF		06S	+10.44	06S	06S				520HF	SPECIAL INTEREST +P
		3.76	184	P 1	DNT		06S	+10.44	LTE	UTE				510UL	510 BOBBIN EXAM
28	55	0.27	18	P 5	VOL		ETL	+4.53	UTS	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.53	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.22	16	P 5	VOL		ETL	-0.05	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.05	UTS	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
		0.27	18	P 5	VOL		ETL	-2.51	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.51	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.48	13	P 5	VOL		ETL	+0.84	UTS	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.84	UTS	ETL	0.16	0.13		520HF	KINETIC EXP +POINT
28	60	0.27	63	P 2	TWD 7	05S		-0.80	05S	05S	WAR			520HF	SPECIAL INTEREST +P
		0.37	80	P 1	NQI	05S		-0.72	LTE	UTE				510UL	510 BOBBIN EXAM
28	81	0.39	78	P 5	TWD 9	09S		-0.74	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
28	92	0.33	24	P 5	VOL		UTS	+1.14	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+1.14	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
28	96	2.89	176	P 1	DNT		LTE	+10.42	LTE	UTE				510UL	510 BOBBIN EXAM
29	38	0.65	69	P 5	TWD 15	08S		+0.69	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
29	60	0.25	22	P 5	VOL		ETL	-2.70	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.70	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.22	UTS	ETL	0.14	0.13		520HF	KINETIC EXP +POINT
		0.21	13	P 5	VOL		ETL	+2.22	UTS	ETL	15			520HF	KINETIC EXP +POINT
29	87				NDF		UTS	-19.63	UTS	UTS				520HF	SPECIAL INTEREST +P
		1.00	66	6	ADI	15S		+26.74	LTE	UTE				510UL	510 BOBBIN EXAM
		0.20	25	P 1	INR		ETL	-0.97	LTE	UTE				510UL	510 BOBBIN EXAM
29	99	0.22	97	P 1	NQI	08S		+0.52	LTE	UTE				510UL	510 BOBBIN EXAM
		0.79	97	3	NQI	15S		+2.74	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	15S		+2.74	15S	15S				520HF	SPECIAL INTEREST +P
		0.31	83	P 2	TWD 8	08S		+0.52	08S	08S	WAR			520HF	SPECIAL INTEREST +P
29	101	2.18	175	P 1	INR		LTE	+10.88	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
30	20	0.61	17	P 5	VOL		ETL	+1.59	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.59	ETL	ETL	0.17	0.16		520HF	KINETIC EXP +POINT
30	23				NDF		15S	+13.06	15S	15S				520HF	SPECIAL INTEREST +P
					NDF		UTS	-6.06	UTS	UTS				520HF	SPECIAL INTEREST +P
					NDF		UTS	-11.77	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.30	14	3	BVC		15S	+13.06	LTE	UTE				540HF	540 BOBBIN EXAM
		0.24	9	3	BVC		15S	+34.61	LTE	UTE				540HF	540 BOBBIN EXAM
		0.30	12	3	BVC		15S	+40.32	LTE	UTE				540HF	540 BOBBIN EXAM
30	33	0.37	18	P 5	VOL		ETL	-3.24	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-3.24	ETL	ETL	0.19	0.18		520HF	KINETIC EXP +POINT
30	36	2.04	181	P 1	INR		03S	+8.22	UTE	LTE				510UL	510 BOBBIN EXAM
30	41	0.30	15	P 5	VOL		ETL	+1.53	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.53	ETL	ETL	0.16	0.16		520HF	KINETIC EXP +POINT
		0.29	11	P 5	VOL		ETL	+1.84	ETL	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.84	ETL	ETL	0.16	0.16		520HF	KINETIC EXP +POINT
		0.45	14	P 5	VOL		ETL	+2.81	ETL	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.81	ETL	ETL	0.11	0.16		520HF	KINETIC EXP +POINT
30	49				NDF		UTS	-17.89	UTS	UTS				520HF	SPECIAL INTEREST +P
		1.52	81	6	ADI		15S	+26.48	LTE	UTE				510UL	510 BOBBIN EXAM
30	58				NDF		15S	+8.19	15S	15S				520HF	SPECIAL INTEREST +P
		1.39	89	6	ADI		15S	+8.19	LTE	UTE				510UL	510 BOBBIN EXAM
30	59	0.39	22	P 5	VOL		ETL	+1.06	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.06	ETL	ETL	0.21	0.20		520HF	KINETIC EXP +POINT
		0.22	15	P 5	VOL		ETL	+2.84	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.84	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.72	24	P 5	VOL		ETL	+3.97	ETL	ETL	47			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.97	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.23	21	P 5	VOL		ETL	+4.08	ETL	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.08	ETL	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
		0.40	24	P 5	VOL		ETL	+4.92	ETL	ETL	47			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.92	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
30	60	0.39	14	P 5	VOL		ETL	-0.48	ETL	ETL				520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	-0.48	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.27	22	P 5	VOL		ETL	+1.42	ETL	ETL	40			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+1.42	ETL	ETL	0.11	0.15		520HF	KINETIC EXP +POINT
		0.66	22	P 5	VOL		ETL	+3.42	ETL	ETL	40			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+3.42	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.38	18	P 5	VOL		ETL	+3.77	ETL	ETL	27			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+3.77	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.27	16	P 5	VOL		ETL	-1.50	ETL	ETL				520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	-1.50	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
30	66	0.75	18	P 5	VOL		ETL	+2.13	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.13	ETL	ETL	0.27	0.20		520HF	KINETIC EXP +POINT
30	68	0.41	18	P 5	VOL		ETL	+1.63	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.63	ETL	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
		0.90	24	P 5	VOL		ETL	+1.80	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.80	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
30	70	0.44	17	P 5	VOL		ETL	+2.66	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.66	ETL	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
30	72	0.40	20	P 5	VOL		ETL	-2.80	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.80	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
		1.70	29	P 5	VOL		ETL	+0.77	ETL	ETL	63			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.77	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
		0.86	25	P 5	VOL		ETL	+0.00	ETL	ETL	15			520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		ETL	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
30	75	2.27	84	6	ADI		10S	+24.93	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		11S	-11.07	11S	11S				520HF	SPECIAL INTEREST +P
30	82	0.66	22	P 5	VOL		ETL	+1.54	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.54	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
30	91	0.63	20	P 5	VOL		ETL	+0.48	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.48	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
30	94	1.23	19	P 5	VOL		UTS	-0.58	UTS	ETL-				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	-0.58	UTS	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
		3.54	174	P 1	DNT		LTE	+10.18	LTE	UTE				510UL	510 BOBBIN EXAM
30	98	0.18	79	P 5	TWD 4		10S	-0.20	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
30	100	0.20	94	P 1	NQI		08S	-0.70	LTE	UTE				510UL	510 BOBBIN EXAM
		0.22	78	P 2	TWD 7		08S	-0.70	08S	08S	WAR			520HF	SPECIAL INTEREST +P
30	101	0.28	83	P 1	NQI		08S	-0.76	LTE	UTE				510UL	510 BOBBIN EXAM
		0.26	71	P 2	TWD 7		08S	-0.76	08S	08S	WAR			520HF	SPECIAL INTEREST +P
31	1		0	12	CLP		08S	+6.51	08S	08S	0.22	0.17		520HF	SPECIAL INTEREST +P
		0.54	12	P 5	VOL		08S	+6.51	08S	08S				520HF	SPECIAL INTEREST +P
		0.38	11	3	BVC		08S	+6.79	LTE	UTE				540HF	540 BOBBIN EXAM
31	24	0.30	7	3	TWD 23		12S	+8.24	UTE	LTE				510UL	510 BOBBIN EXAM
					INR		12S	+8.24	LTE	UTE				540HF	540 BOBBIN EXAM
31	27		0	12	CLP		ETL	-0.93	ETL	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
		0.34	22	P 5	VOL		ETL	-0.93	ETL	ETL				520HF	KINETIC EXP +POINT
31	32	0.30	18	P 5	VOL		ETL	+0.33	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.33	ETL	ETL	0.17	0.14		520HF	KINETIC EXP +POINT
		0.67	15	P 5	VOL		ETL	+4.60	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.60	ETL	ETL	0.17	0.14		520HF	KINETIC EXP +POINT
31	38	0.43	24	P 5	VOL		ETL	+0.00	ETL	ETL	47			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.00	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
		0.66	21	P 5	VOL		ETL	+0.12	ETL	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.12	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
31	40	0.30	74	P 5	TWD 8		08S	+0.76	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
31	52				NDF		UTS	+2.26	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.14	140	P 2	NQI		UTS	+2.26	LTE	UTE				510UL	510 BOBBIN EXAM
31	54				NDF		07S	+11.39	07S	07S				520HF	SPECIAL INTEREST +P
		0.19	60	3	NQI		07S	+11.39	LTE	UTE				510UL	510 BOBBIN EXAM
31	55		0	12	CLP		ETL	+2.63	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
		0.44	24	P 5	VOL		ETL	+2.63	ETL	ETL	33			520HF	KINETIC EXP +POINT
31	56	0.36	16	P 5	VOL		ETL	+3.15	ETL	ETL	22			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+3.15	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
31	58	0.37	15	P 5	VOL		ETL	+1.74	ETL	ETL	20			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+1.74	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
		0.15	16	P 5	VOL		ETL	+2.05	ETL	ETL	22			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+2.05	ETL	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
31	63	0.40	21	P 5	VOL		ETL	+1.80	ETL	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.80	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE						
31	66	0.50	2	P	5	VOL	ETL							520HF	KINETIC EXP +POINT						
							ETL								520HF	KINETIC EXP +POINT					
		0.87	0	12	CLP	ETL	-3.53	UTS	ETL	0.16	0.15			520HF	KINETIC EXP +POINT						
						ETL	-0.23	UTS	ETL	0.16	0.15			520HF	KINETIC EXP +POINT						
31	69	0.52	0	12	CLP	ETL	+2.04	ETL	ETL	0.14	0.15			520HF	KINETIC EXP +POINT						
						ETL	-2.04	ETL	ETL	13				520HF	KINETIC EXP +POINT						
31	73	0.49	20	P	5	VOL	ETL	+3.03	ETL	ETL	33			520HF	KINETIC EXP +POINT						
							ETL	+3.03	ETL	ETL	0.11	0.10			520HF	KINETIC EXP +POINT					
		0.23	0	12	CLP	ETL	+2.17	ETL	ETL	47				520HF	KINETIC EXP +POINT						
						ETL	+2.17	ETL	ETL	0.11	0.15			520HF	KINETIC EXP +POINT						
31	95	3.64	176	P	1	DNT	LTE						510JL	510 BOBBIN EXAM							
31	103	2.94	172	P	1	DNT	NDF	LTE						520HF	SPECIAL INTEREST +P						
							LTE	+11.57						510JL	510 BOBBIN EXAM						
							ETL	+2.23			40			520HF	KINETIC EXP +POINT						
							ETL	+2.23			0.15	0.15		520HF	KINETIC EXP +POINT						
							ETL	+2.94			99			520HF	KINETIC EXP +POINT						
0.77	22	P	5	VOL	ETL								520HF	KINETIC EXP +POINT							
3.27	39	P	5	SCI	ETL	+2.94								520HF	KINETIC EXP +POINT						
					ETL	+2.94							520HF	KINETIC EXP +POINT							
0.26	48	P	5	ARC	ETL	+2.94							520HF	KINETIC EXP +POINT							
32	42	0.48	12	3	TWD	40	09S							540HF	540 BOBBIN EXAM						
							09S	+19.8						510UL	510 BOBBIN EXAM						
							09S	+19.8						520HF	SPECIAL INTEREST +P						
32	81	1.02	7	3	TWD	23	15S							540HF	540 BOBBIN EXAM						
							15S	+38.4						540HF	540 BOBBIN EXAM						
							UTS	-11.1						520HF	SPECIAL INTEREST +P						
							UTS	-11.1			0.21	0.23		520HF	SPECIAL INTEREST +P						
							UTS	-11.1						520HF	SPECIAL INTEREST +P						
							UTS	-11.1			0.16	0.23		520HF	SPECIAL INTEREST +P						
							UTS	-11.1						520HF	SPECIAL INTEREST +P						
							UTS	-11.1			0.16	0.14		520HF	SPECIAL INTEREST +P						
32	94	0.64	14	P	5	VOL	ETL	-0.01						520HF	KINETIC EXP +POINT						
							ETL	-0.01			0.16	0.15			520HF	KINETIC EXP +POINT					
		0.25	23	P	5	VOL	ETL	-0.01							520HF	KINETIC EXP +POINT					
							ETL	-0.01			0.14	0.13			520HF	KINETIC EXP +POINT					
32	95	0.40	111	P	2	NQI	NDF	LTS						520HF	SPECIAL INTEREST +P						
							LTE	+20.34						510UL	510 BOBBIN EXAM						
32	97	9.01	41	P	5	SCI	ETL	+4.61			98			520HF	KINETIC EXP +POINT						
							ETL	+4.61						520HF	KINETIC EXP +POINT						
32	104	2.75	175	P	1	DNT	NDF	LTE	+11.00					520HF	SPECIAL INTEREST +P						
							LTE	+11.00						510UL	510 BOBBIN EXAM						
33	20	0.14	113	P	1	NQI	NDF	13S	-0.07					520HF	SPECIAL INTEREST +P						
							13S	-0.07			UTE	LTE			510UL	510 BOBBIN EXAM					
33	52	0.30	107	3	NQI	14S	NDF	15S	-1.42					520HF	SPECIAL INTEREST +P						
							14S	+33.58			LTE	UTE			510UL	510 BOBBIN EXAM					
33	68	0.25	79	P	2	NQI	LTE	+15.66						510UL	510 BOBBIN EXAM						
							LTS	-8.34			LTS	LTS			520HF	SPECIAL INTEREST +P					
33	70	0.62	19	P	5	VOL	ETL	-2.34						520HF	KINETIC EXP +POINT						
							ETL	-2.34			ETL	ETL	0.11	0.14	520HF	KINETIC EXP +POINT					
33	90	0.73	27	P	5	VOL	ETL	-2.63			0.16	0.15			520HF	KINETIC EXP +POINT					
							ETL	-2.63			UTS	ETL			520HF	KINETIC EXP +POINT					
							0.39	15	P	5	VOL	ETL	-1.89							520HF	KINETIC EXP +POINT
												ETL	-1.89			UTS	ETL	0.16	0.15	520HF	KINETIC EXP +POINT
							ETL	+1.67			UTS	ETL	0.16	0.15	520HF	KINETIC EXP +POINT					

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	±TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.66	15	P 5	VOL		ETL	+1.67	UTS	ETL	20			520HF	KINETIC EXP +POINT
33	97				NDF		UTS	-19.91	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.23	24	P 5	VOL		UTS	-20.27	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-20.27	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
		0.52	17	P 5	VOL		UTS	-9.87	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-9.87	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
		0.27	19	P 5	VOL		UTS	-6.45	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-6.45	UTS	UTS	0.16	0.14		520HF	SPECIAL INTEREST +P
		0.22	7	3	BVC	15S		+26.47	LTE	UTE				540HF	540 BOBBIN EXAM
		0.53	8	3	TWD 27	15S		+36.73	LTE	UTE				540HF	540 BOBBIN EXAM
					NDF		UTS	-21.65	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.23	29	P 5	VOL		UTS	-6.44	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-6.44	UTS	UTS	0.15	0.15		520HF	SPECIAL INTEREST +P
		0.52	27	P 5	VOL		UTS	-9.63	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-9.63	UTS	UTS	0.20	0.16		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-19.91	UTS	UTS	0.10	0.15		520HF	SPECIAL INTEREST +P
		0.35	31	P 5	VOL		UTS	-9.65	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-9.65	UTS	UTS	0.20	0.15		520HF	SPECIAL INTEREST +P
		0.22	18	P 5	VOL		UTS	-19.91	UTS	UTS				520HF	SPECIAL INTEREST +P
33	99	1.75	35	2	VOL		ETL	+2.37	ETL	ETL	96			520HF	KINETIC EXP +POINT
				12	CLP		ETL	+2.37	ETL	ETL	0.26	0.15		520HF	KINETIC EXP +POINT
33	102	0.47	7	3	TWD 23	15S		+5.67	LTE	UTE				540HF	540 BOBBIN EXAM
			0	12	CLP	15S		+5.67	15S	15S	0.20	0.21		520HF	SPECIAL INTEREST +P
		0.72	20	P 5	VOL	15S		+5.67	15S	15S				520HF	SPECIAL INTEREST +P
33	104	0.32	104	3	NQI	15S		+4.97	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	15S		+4.97	15S	15S				520HF	SPECIAL INTEREST +P
34	3	1.17	25	P 5	VOL		UTS	+1.82	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+1.82	UTS	ETL	0.20	0.15		520HF	KINETIC EXP +POINT
		0.58	21	P 5	VOL		UTS	+3.78	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+3.78	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.38	21	P 5	VOL		UTS	+4.81	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+4.81	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.64	9	3	TWD 30	UTS		+1.80	LTE	UTE				540HF	540 BOBBIN EXAM
		0.45	0	3	INR	UTS		+3.76	LTE	UTE				540HF	540 BOBBIN EXAM
34	5	5.33	176	P 1	DNT		LTE	+10.93	UTE	LTE				510UL	510 BOBBIN EXAM
34	6				NDF		LTE	+10.95	LTE	LTE				520HF	SPECIAL INTEREST +P
		6.59	174	P 1	DNT		LTE	+10.95	UTE	LTE				510UL	510 BOBBIN EXAM
34	25	0.48	81	P 5	TWD 12	06S		+0.67	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
35	5	5.55	171	P 1	DNT		LTE	+10.98	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+10.98	LTE	LTE				520HF	SPECIAL INTEREST +P
35	7	6.55	175	P 1	DNT		LTE	+10.85	UTE	LTE				510UL	510 BOBBIN EXAM
35	19	0.43	17	P 5	VOL		ETL	+1.22	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.22	ETL	ETL	0.11	0.11		520HF	KINETIC EXP +POINT
35	27		0	12	CLP		ETL	-1.53	ETL	ETL	0.22	0.11		520HF	KINETIC EXP +POINT
		0.80	23	P 5	VOL		ETL	+1.39	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.39	ETL	ETL	0.16	0.11		520HF	KINETIC EXP +POINT
		0.90	27	P 5	VOL		ETL	-1.53	ETL	ETL				520HF	KINETIC EXP +POINT
		0.57	27	P 5	VOL		ETL	+3.66	ETL	ETL	58			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.66	ETL	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
35	32				NDF		02S	+18.87	02S	02S				520HF	SPECIAL INTEREST +P
		0.14	105	3	NQI		02S	+18.87	UTE	LTE				510UL	510 BOBBIN EXAM
35	42	1.37	25	6	INR		01S	+14.65	UTE	LTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
35	44	0.37	20	P 5	VOL		ETL +0.98	ETL	ETL	33				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +0.98	ETL	ETL	0.11	0.10			520HF	KINETIC EXP +POINT
35	46	0.24	19	P 5	VOL		ETL -1.80	ETL	ETL	30				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +1.80	ETL	ETL	0.16	0.15			520HF	KINETIC EXP +POINT
		0.41	6	P 5	VOL		ETL +3.82	ETL	ETL	4				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +3.82	ETL	ETL	0.26	0.20			520HF	KINETIC EXP +POINT
		0.22	5	P 5	VOL		ETL +4.59	ETL	ETL	3				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +4.59	ETL	ETL	0.16	0.10			520HF	KINETIC EXP +POINT
		0.24	13	P 5	VOL		ETL +4.86	ETL	ETL	15				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +4.86	ETL	ETL	0.31	0.10			520HF	KINETIC EXP +POINT
		0.23	17	P 5	VOL		ETL +5.10	ETL	ETL	25				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +5.10	ETL	ETL	0.16	0.15			520HF	KINETIC EXP +POINT
35	48				NDF	02S	-8.16	02S	02S					520HF	SPECIAL INTEREST +P
		1.58	80	6	ADI	01S	+29.84	LTE	UTE					510UL	510 BOBBIN EXAM
35	53	0.40	12	P 5	VOL		ETL +1.31	ETL	ETL	13				520HF	KINETIC EXP +POINT
			90	12	CLP		ETL +1.31	ETL	ETL	0.21	0.15			520HF	KINETIC EXP +POINT
		0.44	21	P 5	VOL		ETL -1.55	ETL	ETL					520HF	KINETIC EXP +POINT
			90	12	CLP		ETL -1.55	ETL	ETL	0.16	0.15			520HF	KINETIC EXP +POINT
35	55	1.92	187	P 1	INR	02S	+11.51	LTE	UTE					510UL	510 BOBBIN EXAM
35	70	0.91	9	3	TWD	30 11S	+32.34	LTE	UTE					540HF	540 BOBBIN EXAM
		0.94	9	3	TWD	30 11S	+32.33	LTE	UTE					510UL	510 BOBBIN EXAM
		0.51	25	P 5	VOL		ETL +1.52	ETL	ETL	51				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +1.52	ETL	ETL	0.16	0.15			520HF	KINETIC EXP +POINT
					NDF	12S	-5.66	12S	12S					520HF	SPECIAL INTEREST +P
35	74		0	12	CLP		ETL +1.95	ETL	ETL	0.16	0.10			520HF	KINETIC EXP +POINT
		0.28	15	P 5	VOL		ETL +3.90	ETL	ETL	20				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +3.90	ETL	ETL	0.16	0.10			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +4.33	ETL	ETL	0.16	0.10			520HF	KINETIC EXP +POINT
		0.17	13	P 5	VOL		ETL +1.95	ETL	ETL	22				520HF	KINETIC EXP +POINT
		0.44	28	P 5	VOL		ETL +4.33	ETL	ETL	36				520HF	KINETIC EXP +POINT
35	91				NDF	LTS	-9.19	LTS	LTS					520HF	SPECIAL INTEREST +P
		0.52	120	3	NQI	LTE	+14.81	LTE	UTE					510UL	510 BOBBIN EXAM
35	104	0.29	91	P 2	TWD	8 11S	+0.28	11S	11S	WAR				520HF	SPECIAL INTEREST +P
		0.31	90	P 5	NQI	11S	+0.20	LTE	UTE					510UL	510 BOBBIN EXAM
36	7	5.28	173	P 1	DNT	LTE	+11.05	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	LTE	+11.05	LTE	LTE					520HF	SPECIAL INTEREST +P
36	8	6.26	175	P 1	DNT	LTE	+10.62	UTE	LTE					510UL	510 BOBBIN EXAM
36	27	2.54	185	P 1	DNT	LTS	+40.90	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	01S	-5.12	01S	01S					520HF	SPECIAL INTEREST +P
36	36	0.72	20	P 5	VOL		ETL +2.11	ETL	ETL	33				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +2.11	ETL	ETL	0.17	0.09			520HF	KINETIC EXP +POINT
36	96	0.29	10	P 5	VOL	UTS	-17.00	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-17.00	UTS	UTS	0.16	0.18			520HF	SPECIAL INTEREST +P
		0.40	6	3	TWD	20 15S	+29.75	LTE	UTE					540HF	540 BOBBIN EXAM
36	103	0.37	68	3	NQI	LTS	+35.11	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	01S	-10.89	01S	01S					520HF	SPECIAL INTEREST +P
36	106	0.40	10	P 5	VOL	UTS	-12.34	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-12.34	UTS	UTS	0.22	0.18			520HF	SPECIAL INTEREST +P
		0.44	15	P 5	VOL	UTS	-1.96	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-1.96	UTS	UTS	0.22	0.18			520HF	SPECIAL INTEREST +P
		0.69	2	3	INR	15S	+34.41	LTE	UTE					540HF	540 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
36	109	2.77	172	P 1	DNT		LTE	+11.05	LTE	UTE				510UL	510 BOBBIN EXAM
36	110	0.53	80	P 5	TWD 11	12S		+0.68	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
36	111	3.04	174	P 1	DNT		LTE	+11.45	LTE	UTE				510UL	510 BOBBIN EXAM
37	1				NDF		LTE	+10.52	LTE	LTE				520HF	SPECIAL INTEREST +P
		7.75	176	P 1	DNT		LTE	+10.52	UTE	LTE				510UL	510 BOBBIN EXAM
37	12	0.21	108	P 5	TWD 6	08S		-0.48	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
37	27	0.26	17	3	BVC	13S		+20.82	LTE	UTE				540HF	540 BOBBIN EXAM
					NDF	14S		-15.42	14S	14S				520HF	SPECIAL INTEREST +P
37	40				NDF	07S		-16.03	07S	07S				520HF	SPECIAL INTEREST +P
		3.02	85	6	ADI	06S		+22.97	UTE	LTE				510UL	510 BOBBIN EXAM
37	94	0.76	25	P 5	VOL	ETL		-2.23	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP	ETL		-2.23	ETL	ETL				520HF	KINETIC EXP +POINT
37	107	0.22	93	P 5	TWD 5	11S		-0.54	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
37	109	0.36	14	P 5	VOL	UTS		-11.46	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS		-11.46	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
		0.36	7	P 5	VOL	UTS		-8.93	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS		-8.93	UTS	UTS	0.16	0.16		520HF	SPECIAL INTEREST +P
		0.93	18	P 5	VOL	UTS		-7.37	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS		-7.37	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
		0.28	1	P 5	VOL	UTS		-0.26	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS		-0.26	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
		3.67	176	P 1	DNT	LTE		+10.85	LTE	UTE				540HF	540 BOBBIN EXAM
		0.15	96	3	NQI	10S		+25.85	LTE	UTE				540HF	540 BOBBIN EXAM
		0.47	11	3	TWD 37	15S		+39.22	LTE	UTE				540HF	540 BOBBIN EXAM
		0.35	22	P 5	VOL	ETL		-0.11	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL		-0.11	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.72	23	P 5	VOL	ETL		+0.03	UTS	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL		+0.03	UTS	ETL	0.20	0.15		520HF	KINETIC EXP +POINT
		0.49	16	P 5	VOL	ETL		-0.50	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL		-0.50	UTS	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
		0.31	13	P 5	VOL	UTS		-0.37	UTS	ETL				520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS		-0.37	UTS	ETL	0.15	0.20		520HF	SPECIAL INTEREST +P
		0.18	11	P 5	VOL	UTS		-6.07	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP	UTS		-6.07	UTS	ETL	0.21	0.20		520HF	KINETIC EXP +POINT
			2		NDF	11S		-10.15	11S	11S				520HF	SPECIAL INTEREST +P
					NDF	LTE		+10.85	LTE	LTE				520HF	SPECIAL INTEREST +P
37	110	0.26	12	P 5	VOL	UTS		-18.64	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS		-18.64	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
		0.32	9	P 5	VOL	UTS		-13.91	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS		-13.91	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
		0.26	13	P 5	VOL	UTS		-11.27	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS		-11.27	UTS	UTS	0.16	0.14		520HF	SPECIAL INTEREST +P
		0.53	20	P 5	VOL	UTS		+2.67	UTS	UTS				520HF	KINETIC EXP +POINT
			0	12	CLP	UTS		+2.67	UTS	UTS	0.22	0.18		520HF	KINETIC EXP +POINT
		4.13	177	P 1	DNT	LTE		+10.95	LTE	UTE				540HF	540 BOBBIN EXAM
		0.22	106	P 1	NQI	15S		-0.05	LTE	UTE				540HF	540 BOBBIN EXAM
		0.20	14	P 2	BVC	UTS		+2.56	LTE	UTE				540HF	540 BOBBIN EXAM
		0.26	7	3	BVC	15S		+35.43	LTE	UTE				540HF	540 BOBBIN EXAM
		0.57	21	P 5	VOL	UTS		+2.67	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP	UTS		+2.67	UTS	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
		0.27	25	P 5	VOL	UTS		-0.28	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP	UTS		-0.28	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.12	20	P 5	VOL	UTS		-0.78	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP	UTS		-0.78	UTS	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
		0.24	17	P 5	VOL	UTS		-4.83	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP	UTS		-4.83	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.46	20	P	5	VOL	UTS	+2.56	UTS	UTS				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+2.56	UTS	UTS	0.29	0.11		520HF	KINETIC EXP +POINT
		0.09	8	P	5	VOL	UTS	-11.88	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-11.88	UTS	UTS	0.10	0.11		520HF	SPECIAL INTEREST +P
						NDF	UTS	-14.77	UTS	UTS				520HF	SPECIAL INTEREST +P
						NDF	UTS	-10.95	UTS	UTS				520HF	SPECIAL INTEREST +P
						NDF	15S	-0.05	15S	15S				520HF	SPECIAL INTEREST +P
						NDF	LTE	+10.95	LTE	LTE				520HF	SPECIAL INTEREST +P
38	6	0.47	62	P	5	TWD	11 09S	+0.54	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
38	10	2.61	183	P	1	DNT	LTS	+9.50	UTE	LTE				510UL	510 BOBBIN EXAM
						NDF	LTS	+9.50	LTS	LTS				520HF	SPECIAL INTEREST +P
38	26					NDF	13S	-4.07	13S	13S				520HF	SPECIAL INTEREST +P
		1.79	66	6		ADI	12S	+32.93	UTE	LTE				510UL	510 BOBBIN EXAM
38	34	0.17	66	P	5	TWD	4 10S	+0.67	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
38	60	0.39	20	P	5	VOL	ETL	+3.10	ETL	ETL	33			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+3.10	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
38	88	0.40	16	P	5	VOL	ETL	-0.82	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.82	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.40	13	P	5	VOL	ETL	+0.36	UTS	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.36	UTS	ETL	0.14	0.13		520HF	KINETIC EXP +POINT
38	105	0.19	76	P	5	TWD	5 09S	+0.21	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
39	4	0.19	145	P	1	INR	10S	-0.83	UTE	LTE				510UL	510 BOBBIN EXAM
39	17	0.10	89	3		NQI	LTS	+17.61	UTE	LTE				510UL	510 BOBBIN EXAM
						NDF	LTS	+17.61	LTS	LTS				520HF	SPECIAL INTEREST +P
39	25					NDF	13S	-6.24	13S	13S				520HF	SPECIAL INTEREST +P
		1.74	55	6		ADI	12S	+30.76	UTE	LTE				510UL	510 BOBBIN EXAM
39	46	0.89	86	6		INR	08S	+5.96	UTE	LTE				510UL	510 BOBBIN EXAM
39	50					NDF	14S	-14.91	14S	14S				520HF	SPECIAL INTEREST +P
		2.91	179	P	1	DNT	13S	+21.09	LTE	UTE				510UL	510 BOBBIN EXAM
39	73	0.48	13	P	5	VOL	ETL	+3.14	ETL	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.14	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.77	18	P	5	VOL	ETL	+4.03	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.03	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
39	96					NDF	12S	+12.43	12S	12S				520HF	SPECIAL INTEREST +P
		0.16	80	3		NQI	12S	+12.43	LTE	UTE				510UL	510 BOBBIN EXAM
39	101	0.24	14	P	5	VOL	UTS	-13.06	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-13.06	UTS	UTS	0.22	0.18		520HF	SPECIAL INTEREST +P
		0.33	0	P	5	VOL	UTS	-12.15	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-12.15	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
		0.52	5	3		TWD	17 15S	+34.62	LTE	UTE				540HF	540 BOBBIN EXAM
		0.19	12	P	5	VOL	UTS	-12.50	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-12.50	UTS	UTS	0.10	0.10		520HF	SPECIAL INTEREST +P
		0.47	18	P	5	VOL	UTS	-11.83	UTS	UTS				520HF	SPECIAL INTEREST +P
						NDF	UTS	-13.71	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-11.83	UTS	UTS	0.10	0.10		520HF	SPECIAL INTEREST +P
39	107	0.09	76	P	1	INR	10S	-0.17	LTE	UTE				510UL	510 BOBBIN EXAM
39	110	0.89	18	P	5	VOL	UTS	-6.77	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-6.77	UTS	UTS	0.17	0.18		520HF	SPECIAL INTEREST +P
		0.29	21	P	5	VOL	UTS	-4.79	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-4.79	UTS	UTS	0.17	0.18		520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	ITW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.26	5	P	5	VOL	UTS	-3.25	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-3.25	UTS	UTS	0.17	0.18		520HF	SPECIAL INTEREST +P
		0.44	11	P	5	VOL	UTS	+0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	+0.02	UTS	UTS	0.17	0.18		520HF	SPECIAL INTEREST +P
		0.51	7	3	TWD	23	15S	+39.84	LTE	UTE				540HF	540 BOBBIN EXAM
		3.37	176	P	1	DNT	LTE	+10.74	LTE	UTE				540HF	540 BOBBIN EXAM
		0.27	6	3	BVC		15S	-41.77	LTE	UTE				540HF	540 BOBBIN EXAM
		0.67	33	P	5	VCL	UTS	-3.56	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.37	34	2	NDF		UTS	-4.61	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.16	12	P	5	VOL	UTS	-4.96	UTS	ETL				520HF	SPECIAL INTEREST +P
		0.16	29	P	5	VOL	UTS	-4.40	UTS	ETL				520HF	SPECIAL INTEREST +P
		0.18	22	P	5	VOL	UTS	-3.39	UTS	ETL				520HF	SPECIAL INTEREST +P
		0.16	9	P	5	VOL	UTS	-0.74	UTS	ETL				520HF	SPECIAL INTEREST +P
		0.28	20	P	5	VOL	UTS	-0.02	UTS	ETL				520HF	SPECIAL INTEREST +P
		0.35	26	P	5	VOL	ETL	-6.21	UTS	ETL				520HF	KINETIC EXP +POINT
		0.29	14	P	5	VOL	UTS	+1.28	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	-4.96	UTS	ETL	0.15	0.10		520HF	SPECIAL INTEREST +P
		1.05	23	P	5	VOL	ETL	+1.21	UTS	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	-3.39	UTS	ETL	0.15	0.15		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-0.74	UTS	ETL	0.15	0.15		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	+1.28	UTS	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.21	UTS	ETL	0.21	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	-4.40	UTS	ETL	0.10	0.10		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-0.02	UTS	ETL	0.15	0.15		520HF	SPECIAL INTEREST +P
			0	12	CLP		ETL	-6.21	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.27	13	P	5	VOL	ETL	+4.02	UTS	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-4.96	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
				2	NDF		UTS	-5.10	UTS	ETL				520HF	SPECIAL INTEREST +P
		0.39	25	P	5	VOL	UTS	-0.02	UTS	ETL				520HF	SPECIAL INTEREST +P
			90	12	CLP		UTS	-0.02	UTS	ETL	0.05	0.10		520HF	SPECIAL INTEREST +P
		0.80	21	P	5	VOL	UTS	-6.68	UTS	ETL				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-6.68	UTS	ETL	0.15	0.10		520HF	SPECIAL INTEREST +P
		0.41			NDF		UTS	-7.30	UTS	ETL				520HF	SPECIAL INTEREST +P
			90	12	CLP		UTS	-3.10	UTS	ETL	0.10	0.16		520HF	SPECIAL INTEREST +P
40	12		0	12	CLP		ETL	-1.00	UTS	ETL	0.11	0.11		520HF	KINETIC EXP +POINT
		0.66	6	P	5	VOL	ETL	-1.00	UTS	ETL				520HF	KINETIC EXP +POINT
40	27				NDF		13S	-5.03	UTS	ETL				520HF	SPECIAL INTEREST +P
		1.18	57	6	ADI		12S	-31.87	UTS	ETL				510UL	510 BOBBIN EXAM
40	31	0.19	132	P	1	INR	LTE	+5.56	UTS	ETL				510UL	510 BOBBIN EXAM
40	44				NDF		01S	-22.16	UTS	ETL				520HF	SPECIAL INTEREST +P
		0.21	98	3	NQI		LTS	+23.84	UTS	ETL				510UL	510 BOBBIN EXAM
40	47	0.41	22	P	5	VOL	ETL	+2.84	UTS	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.84	UTS	ETL	0.17	0.10		520HF	KINETIC EXP +POINT
		0.41	22	P	5	VOL	ETL	+3.52	UTS	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.52	UTS	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
40	49		0	12	CLP		ETL	-0.44	UTS	ETL	0.17	0.09		520HF	KINETIC EXP +POINT
		0.70	24	P	5	VOL	ETL	-0.44	UTS	ETL				520HF	KINETIC EXP +POINT
40	50	3.04	181	P	1	DNT	03S	+16.84	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		03S	+16.84	03S	03S				520HF	SPECIAL INTEREST +P
40	56	0.39	18	P	5	VOL	ETL	+2.66	UTS	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.66	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
40	74	0.69	81	6	ADI		08S	+28.80	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		09S	-10.20	09S	09S				520HF	SPECIAL INTEREST +P
40	76	0.42	31	P	5	VOL	ETL	+4.09	UTS	ETL	76			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.09	UTS	ETL	0.21	0.20		520HF	KINETIC EXP +POINT
		0.26	17	P	5	VOL	ETL	+2.23	UTS	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.23	UTS	ETL	0.21	0.20		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
40	78	0.62	16	P	5	VOL	ETL	+1.54	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+1.54	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
		0.43	19	P	5	VOL	ETL	+2.07	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+2.07	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
40	86	0.26	10	P	5	VOL	ETL	+0.65	ETL	ETL	9			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+0.65	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
40	87	0.65	23	P	5	VOL	ETL	+3.19	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+3.19	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
40	88	0.45	19	P	5	VOL	ETL	+1.10	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+1.10	ETL	ETL	0.21	0.25		520HF	KINETIC EXP +POINT
40	90	0.35	23	3		BVC	05S	+11.83	LTE	UTE				540HF	540 BOBBIN EXAM
		0.39	23	3		BVC	05S	+11.80	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	05S	+11.83	05S	05S				520HF	SPECIAL INTEREST +P
40	100	0.25	16	P	5	VOL	ETL	-3.80	ETL	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-3.80	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
40	109	0.67	15	P	5	VOL	ETL	+0.20	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+0.20	ETL	ETL	0.05	0.05		520HF	KINETIC EXP +POINT
		0.44	14	P	5	VOL	ETL	+1.95	ETL	ETL	17			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+1.95	ETL	ETL	0.20	0.10		520HF	KINETIC EXP +POINT
40	110		0		12	CLP	ETL	+0.11	ETL	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
		0.38	22	P	5	VOL	ETL	+0.11	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+1.15	ETL	ETL	0.20	0.16		520HF	KINETIC EXP +POINT
		0.85	22	P	5	VOL	ETL	+1.15	ETL	ETL	40			520HF	KINETIC EXP +POINT
		0.34	16	P	5	VOL	ETL	+1.72	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+1.72	ETL	ETL	0.10	0.15		520HF	KINETIC EXP +POINT
		0.13	97	P	1	NQI	08S	-0.84	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	08S	-0.84	08S	08S				520HF	SPECIAL INTEREST +P
40	111	0.42	16	P	5	VOL	ETL	-0.79	ETL	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-0.79	ETL	ETL	0.15	0.16		520HF	KINETIC EXP +POINT
		0.80	23	P	5	VOL	ETL	+2.87	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+2.87	ETL	ETL	0.15	0.16		520HF	KINETIC EXP +POINT
41	14	0.78	25	P	5	VOL	ETL	-0.34	ETL	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-0.34	ETL	ETL	0.17	0.22		520HF	KINETIC EXP +POINT
41	16					NDF	14S	+2.98	14S	14S				520HF	SPECIAL INTEREST +P
		0.19	84	3		NQI	14S	+2.98	LTE	UTE				540HF	540 BOBBIN EXAM
41	24		0		12	CLP	ETL	+0.45	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.14	18	P	5	VOL	ETL	-2.56	UTS	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-2.56	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.27	8	P	5	VOL	ETL	+0.45	UTS	ETL	6			520HF	KINETIC EXP +POINT
		0.38	22	P	5	VOL	ETL	+2.66	UTS	ETL	40			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+2.66	UTS	ETL	0.20	0.10		520HF	KINETIC EXP +POINT
		0.35	7	P	5	VOL	ETL	+3.74	UTS	ETL	5			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+3.74	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
41	50	2.38	167	P	1	INR	01S	+23.51	LTE	UTE				510UL	510 BOBBIN EXAM
41	60	0.43	17	P	5	VOL	ETL	+0.85	UTS	ETL	25			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+0.85	UTS	ETL	0.21	0.20		520HF	KINETIC EXP +POINT
		0.32	20	P	5	VOL	ETL	+3.98	UTS	ETL	33			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+3.98	UTS	ETL	0.21	0.20		520HF	KINETIC EXP +POINT
		0.16	8	P	5	VOL	ETL	-0.71	UTS	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-0.71	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
41	67	3.43	186	P	1	DNT	LTE	+9.32	LTE	UTE				510UL	510 BOBBIN EXAM
		2.45	188	P	1	INR	06S	+2.50	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		UTS	-12.15	UTS	UTS	0.15	0.16		520HF	SPECIAL INTEREST +P
		1.62	27	P 5	VOL		15S	+19.60	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+19.60	15S	15S	0.19	0.11		520HF	SPECIAL INTEREST +P
		0.22	5	3	BVC		15S	+34.22	LTE	UTE				540HF	540 BOBBIN EXAM
		0.24	14	3	BVC		15S	+19.44	LTE	UTE				540HF	540 BOBBIN EXAM
42	110	0.20	11	P 5	VOL		ETL	-3.21	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-4.08	UTS	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-3.21	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.09	20	P 5	VOL		ETL	-4.08	UTS	ETL				520HF	KINETIC EXP +POINT
42	114				NDF		LTE	+11.11	LTE	LTE				520HF	SPECIAL INTEREST +P
		0.44	15	P 5	VOL		UTS	-18.21	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-18.21	UTS	UTS	0.17	0.18		520HF	SPECIAL INTEREST +P
		0.38	16	P 5	VOL		UTS	-14.45	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-14.45	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.51	11	P 5	VOL		UTS	-11.94	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-11.94	UTS	UTS	0.22	0.18		520HF	SPECIAL INTEREST +P
		0.37	12	P 5	VOL		UTS	-2.96	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-2.96	UTS	UTS	0.22	0.18		520HF	SPECIAL INTEREST +P
		0.27	6	P 5	VOL		UTS	-3.10	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.40	22	P 5	VOL		UTS	-11.61	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-11.61	UTS	UTS	0.10	0.10		520HF	SPECIAL INTEREST +P
					NDF		UTS	-12.57	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.31	22	P 5	VOL		UTS	-14.15	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-14.15	UTS	UTS	0.15	0.15		520HF	SPECIAL INTEREST +P
					NDF		UTS	-15.25	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.42	15	P 5	VOL		UTS	-17.80	UTS	UTS				520HF	SPECIAL INTEREST +P
					NDF		UTS	-18.62	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-3.10	UTS	UTS	0.11	0.09		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-17.80	UTS	UTS	0.17	0.14		520HF	SPECIAL INTEREST +P
		0.36	5	3	BVC		15S	+28.48	LTE	UTE				540HF	540 BOBBIN EXAM
		0.37	10	3	BVC		15S	+34.70	LTE	UTE				540HF	540 BOBBIN EXAM
		0.24	7	3	BVC		15S	+43.49	LTE	UTE				540HF	540 BOBBIN EXAM
		4.87	177	P 1	DNT		LTE	+11.11	LTE	UTE				540HF	540 BOBBIN EXAM
		0.15	73	P 5	TWD 3		13S	-0.70	LTE	UTE	WAR			540HF	540 BOBBIN EXAM
		0.29	125	P 5	TWD 6		13S	+0.65	LTE	UTE	WAR			540HF	540 BOBBIN EXAM
43	6	0.13	72	3	NQI		07S	+18.25	UTE	LTE				510UL	510 BOBBIN EXAM
		0.16	93	3	NQI		13S	+33.14	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		14S	-2.86	14S	14S				520HF	SPECIAL INTEREST +P
					NDF		07S	+18.25	07S	07S				520HF	SPECIAL INTEREST +P
43	76	0.12	26	P 5	VOL		ETL	-1.78	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.78	UTS	ETL	0.13	0.10		520HF	KINETIC EXP +POINT
43	82				NDF		08S	-2.31	08S	08S				520HF	SPECIAL INTEREST +P
		0.39	8	3	BVC		07S	+37.69	LTE	UTE				540HF	540 BOBBIN EXAM
43	98	0.38	66	P 2	TWD 10		03S	+0.70	03S	03S	WAR			520HF	SPECIAL INTEREST +P
		0.44	65	P 1	NQI		03S	+0.73	LTE	UTE				510UL	510 BOBBIN EXAM
43	105	6.82	181	3	IDC		LTE	+3.12	TO+136.74	LTE	UTE			510UL	510 BOBBIN EXAM
					NDF		LTE	+3.12	TO+136.74	02S	LTE			520HF	SPECIAL INTEREST +P
43	106	0.20	70	P 1	NQI		08S	+0.70	LTE	UTE				510UL	510 BOBBIN EXAM
		0.43	45	P 2	TWD 11		08S	+0.70	08S	08S	WAR			520HF	SPECIAL INTEREST +P
43	108		0	12	CLP		ETL	+0.12	UTS	ETL	0.15	0.14		520HF	KINETIC EXP +POINT
		0.27	12	P 5	VOL		ETL	+6.95	UTS	ETL	13			520HF	KINETIC EXP +POINT
		0.36	20	P 5	VOL		ETL	+0.12	UTS	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+6.95	UTS	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
		0.48	30	P 5	VOL		ETL	-0.45	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.45	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
43	111	0.20	10	P 5	VOL		UTS	-5.27	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-5.27	UTS	UTS	0.16	0.16		520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	1TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.57	19	P	5	VOL	UTS	-2.64	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-2.64	UTS	UTS	0.16	0.23		520HF	SPECIAL INTEREST +P
		0.40	81	6	ADI		10S	+7.05	10S	10S				520HF	SPECIAL INTEREST +P
		0.30	7	3	BVC		15S	+43.88	LTE	UTE				540HF	540 BOBBIN EXAM
									LTE	UTE				540HF	540 BOBBIN EXAM
43	113	2.58	174	P	1	DNT	LTE	+10.66	LTE	UTE				510UL	510 BOBBIN EXAM
43	116	4.08	171	P	1	DNT	LTE	+10.58	LTE	UTE				510UL	510 BOBBIN EXAM
44	3	0.23	141	P	2	INR	LTE	+3.12	UTE	LTE				510UL	510 BOBBIN EXAM
44	19	0.35	22	P	5	VOL	ETL	-1.02	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.02	ETL	ETL	0.23	0.21		520HF	KINETIC EXP +POINT
44	23	0.64	17	P	5	VOL	ETL	+0.55	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.55	ETL	ETL	0.12	0.10		520HF	KINETIC EXP +POINT
44	33	0.32	19	P	5	VOL	ETL	+0.95	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.95	ETL	ETL	0.17	0.10		520HF	KINETIC EXP +POINT
44	42	0.47	19	P	5	VOL	ETL	+1.66	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.66	ETL	ETL	0.11	0.05		520HF	KINETIC EXP +POINT
		0.29	16	P	5	VOL	ETL	+4.00	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.00	ETL	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
44	46	0.47	14	P	5	VOL	ETL	+1.68	ETL	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.68	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
44	62	0.32	18	P	5	VOL	ETL	+0.61	ETL	ETL	27			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+0.61	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
44	68	1.07	9	3	INR		14S	+21.82	LTE	UTE				540HF	540 BOBBIN EXAM
		1.26	6	3	TWD	20	14S	+22.02	LTE	UTE				510UL	510 BOBBIN EXAM
44	70	0.60	22	P	5	VOL	ETL	+1.82	ETL	ETL	40			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+1.82	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.36	14	P	5	VOL	ETL	+1.78	ETL	ETL	17			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+1.78	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.26	11	P	5	VOL	ETL	+2.88	ETL	ETL	11			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+2.88	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.32	22	P	5	VOL	ETL	+3.95	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.95	ETL	ETL	0.11	0.15		520HF	KINETIC EXP +POINT
44	73	0.53	18	P	5	VOL	ETL	+1.58	ETL	ETL	3			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.58	ETL	ETL	0.21	0.20		520HF	KINETIC EXP +POINT
44	74	0.26	17	P	5	VOL	ETL	+3.45	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.45	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
44	75	0.95	27	P	5	VOL	ETL	+1.35	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.35	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
		0.81	24	P	5	VOL	ETL	+3.05	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.05	ETL	ETL	0.27	0.15		520HF	KINETIC EXP +POINT
		1.18	24	P	5	VOL	ETL	+3.95	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.95	ETL	ETL	0.27	0.20		520HF	KINETIC EXP +POINT
44	90	0.51	25	P	5	VOL	ETL	+0.00	ETL	ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.00	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
44	95	0.31	5	P	5	VOL	ETL	+2.83	ETL	ETL	3			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.83	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
44	105	0.64	16	P	5	VOL	ETL	+0.69	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.69	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.74	26	P	5	VOL	ETL	+1.66	ETL	ETL	54			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.66	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
44	106	0.28	78	P 5	TWD 7	04S	+0.74	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
44	10E	0.63	0	12	CLP	ETL	+0.45	ETL	ETL	0.20	0.10			520HF	KINETIC EXP +POINT
			25	P 5	VOL	ETL	+0.45	ETL	ETL	51				520HF	KINETIC EXP +POINT
44	112	0.28	16	P 5	VOL	ETL	+1.05	ETL	ETL	22				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.05	ETL	ETL	0.15	0.20			520HF	KINETIC EXP +POINT
		0.49	23	P 5	VOL	ETL	+1.91	ETL	ETL	43				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.91	ETL	ETL	0.15	0.15			520HF	KINETIC EXP +POINT
		0.28	97	3	NQI	10S	+8.00	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	10S	+8.00	LTE	10S					520HF	SPECIAL INTEREST +P
44	114	2.18	172	P 1	INR	LTE	+11.00	LTE	UTE					510UL	510 BOBBIN EXAM
44	119	2.92	177	P 1	DNT	LTE	-12.15	LTE	UTE					510UL	510 BOBBIN EXAM
45	4	1.12	57	6	ADI	12S	+30.00	LTE						510UL	510 BOBBIN EXAM
45	28	4.58	182	P 1	DNT	12S	+28.00	LTE						510UL	510 BOBBIN EXAM
45	33	0.33	6	P 1	VOL	ETL	-0.10	ETL						520HF	KINETIC EXP +POINT
			90	12	CLP	ETL	-0.10	ETL		0.25	0.25			520HF	KINETIC EXP +POINT
45	34	0.15	98	3	NQI	11S	-0.10	LTE						510UL	510 BOBBIN EXAM
45	43	0.51	22	P 5	VOL	ETL	-0.10	ETL		40				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.10	ETL		0.16	0.14			520HF	KINETIC EXP +POINT
		0.38	17	P 5	VOL	ETL	-0.10	ETL		25				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.10	ETL		0.11	0.10			520HF	KINETIC EXP +POINT
45	59	0.37	0	12	CLP	ETL	-1.00	ETL		0.16	0.10			520HF	KINETIC EXP +POINT
			12	P 5	VOL	ETL	-1.00	ETL		13				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-1.00	ETL		0.16	0.10			520HF	KINETIC EXP +POINT
		0.48	9	P 5	VOL	ETL	-4.40	ETL		8				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+4.40	ETL		0.16	0.10			520HF	KINETIC EXP +POINT
		0.33	27	P 5	VOL	ETL	-1.70	ETL						520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.80	ETL		0.16	0.15			520HF	KINETIC EXP +POINT
		0.23	18	P 5	VOL	ETL	+2.80	ETL		27				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-1.70	ETL		0.10	0.15			520HF	KINETIC EXP +POINT
		0.25	22	P 5	VOL	ETL	-1.70	ETL						520HF	KINETIC EXP +POINT
45	68	0.30	0	12	CLP	ETL	-0.99	ETL	ETL	0.16	0.15			520HF	KINETIC EXP +POINT
			19	P 5	VOL	ETL	+2.06	ETL	ETL	30				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.06	ETL	ETL	0.16	0.20			520HF	KINETIC EXP +POINT
		0.32	17	P 5	VOL	ETL	+3.13	ETL	ETL	25				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.13	ETL	ETL	0.21	0.10			520HF	KINETIC EXP +POINT
		0.22	20	P 5	VOL	ETL	-0.99	ETL	ETL					520HF	KINETIC EXP +POINT
45	79	0.38	11	P 5	VOL	ETL	+1.45	ETL	ETL	11				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.45	ETL	ETL	0.21	0.20			520HF	KINETIC EXP +POINT
45	81	0.28	11	P 5	VOL	ETL	-0.69	ETL	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.69	ETL	ETL	0.21	0.15			520HF	KINETIC EXP +POINT
45	88	0.38	14	P 5	VOL	ETL	+1.78	ETL	ETL	20				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.78	ETL	ETL	0.16	0.15			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.26	ETL	ETL	0.16	0.10			520HF	KINETIC EXP +POINT
		0.46	19	P 5	VOL	ETL	+2.26	ETL	ETL	17				520HF	KINETIC EXP +POINT
45	105	0.28	11	P 5	VOL	ETL	+1.60	ETL	ETL	11				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.60	ETL	ETL	0.16	0.15			520HF	KINETIC EXP +POINT
45	106	0.33	21	P 5	VOL	ETL	+2.97	ETL	ETL	36				520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		ETL	+2.97	ETL	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
45	108	1.14	26	P 5	VOL		ETL	+0.37	ETL	ETL	54			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.37	ETL	ETL	0.10	0.05		520HF	KINETIC EXP +POINT
		0.94	25	P 5	VOL		ETL	+1.76	ETL	ETL	51			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.76	ETL	ETL	0.20	0.10		520HF	KINETIC EXP +POINT
		0.39	24	P 5	VOL		ETL	+2.91	ETL	ETL	47			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.91	ETL	ETL	0.20	0.05		520HF	KINETIC EXP +POINT
45	113	0.30	10	P 5	VOL		UTS	-12.30	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-12.30	UTS	UTS	0.22	0.16		520HF	SPECIAL INTEREST +P
		0.41	10	P 5	VOL		UTS	-10.23	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-10.23	UTS	UTS	0.22	0.18		520HF	SPECIAL INTEREST +P
		0.43	5	3	TWD 17	15S		+36.24	LTE	UTE				540HF	540 BOBBIN EXAM
45	117	3.30	176	P 1	DNT		LTE	+10.78	LTE	UTE				510UL	510 BOBBIN EXAM
46	19				NDF		LTS	+15.77	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.20	100	3	NQI		LTS	+15.77	UTE	LTE				510UL	510 BOBBIN EXAM
		0.50	132	P 2	INR		LTE	+8.29	UTE	LTE				510UL	510 BOBBIN EXAM
46	20				NDF		03S	+13.28	03S	03S				520HF	SPECIAL INTEREST +P
		0.73	88	6	ADI		03S	+13.28	UTE	LTE				510UL	510 BOBBIN EXAM
46	52	3.87	183	P 1	DNT		06S	+9.16	LTE	UTE				510UL	510 BOBBIN EXAM
			0	12	CLP		06S	+9.16	06S	06S	0.19	0.20		520HF	SPECIAL INTEREST +P
		0.66	22	P 5	VOL		06S	+9.16	06S	06S				520HF	SPECIAL INTEREST +P
46	61				NDF		03S	-5.42	03S	03S				520HF	SPECIAL INTEREST +P
		0.91	75	6	ADI		02S	+33.58	LTE	UTE				510UL	510 BOBBIN EXAM
46	72	0.72	21	P 5	VOL		ETL	+3.27	ETL	ETL	9			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.27	ETL	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
		0.62	22	P 5	SCI		ETL	+2.45	ETL	ETL	67			520HF	KINETIC EXP +POINT
		0.16	30	P 5	ARC		ETL	+2.45	ETL	ETL				520HF	KINETIC EXP +POINT
46	80	0.53	21	P 5	SCI		ETL	+1.54	ETL	ETL	20			520HF	KINETIC EXP +POINT
		0.16	30	P 5	ARC		ETL	+1.54	ETL	ETL				520HF	KINETIC EXP +POINT
		0.71	29	P 5	SCI		ETL	+0.63	ETL	ETL	40			520HF	KINETIC EXP +POINT
		0.19	35	P 5	ARC		ETL	+0.63	ETL	ETL				520HF	KINETIC EXP +POINT
46	87	0.59	29	P 5	VOL		ETL	+3.31	ETL	ETL	47			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.31	ETL	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
		0.42	26	P 5	VOL		ETL	+2.67	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.67	ETL	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
46	88	0.40	15	P 5	VOL		UTS	-16.56	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-16.56	UTS	UTS	0.16	0.19		520HF	SPECIAL INTEREST +P
		0.53	7	3	TWD 23	15S		+30.20	LTE	UTE				540HF	540 BOBBIN EXAM
46	106	0.80	2	3	INR		15S	+33.92	LTE	UTE				540HF	540 BOBBIN EXAM
46	114	3.64	174	P 1	DNT		LTE	+10.85	LTE	UTE				510UL	510 BOBBIN EXAM
47	36				NDF		09S	+0.17	09S	09S				520HF	SPECIAL INTEREST +P
					NDF		14S	-14.77	14S	14S				520HF	SPECIAL INTEREST +P
		0.10	107	P 1	NQI		09S	+0.21	UTE	LTE				510UL	510 BOBBIN EXAM
		0.67	90	6	ADI		13S	+21.23	UTE	LTE				510UL	510 BOBBIN EXAM
47	46				NDF		UTS	-23.06	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.17	76	3	NQI		15S	+23.32	UTE	LTE				510UL	510 BOBBIN EXAM
47	63	0.82	5	3	INR		03S	+27.62	LTE	UTE				540HF	540 BOBBIN EXAM
47	81				NDF		15S	+2.62	15S	15S				520HF	SPECIAL INTEREST +P
		5.28	186	P 1	DNT		15S	+2.62	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
47	84		0	12	CLP		UTS	-6.77	UTS	UTS	0.21	0.19		520HF	SPECIAL INTEREST +P
		0.43	13	P 5	VOL		UTS	-6.77	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.37	12	3	BVC		15S	+39.82	LTE	UTE				540HF	540 BOBBIN EXAM
47	116		0	12	CLP		ETL	+1.32	ETL	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
		0.21	22	P 5	VOL		ETL	+1.32	ETL	ETL	40			520HF	KINETIC EXP +POINT
47	117	3.28	174	P 1	DNT		LTE	+10.77	LTE	UTE				510UL	510 BOBBIN EXAM
47	121				NDF		LTE	+11.19	LTE	LTE				520HF	SPECIAL INTEREST +P
		2.86	176	P 1	DNT		LTE	+11.19	LTE	UTE				510UL	510 BOBBIN EXAM
48	56				NDF		15S	-15.46	15S	15S				520HF	SPECIAL INTEREST +P
		0.59	76	6	ADI		14S	+19.54	LTE	UTE				510UL	510 BOBBIN EXAM
48	66	0.62	134	P 2	NQI		LTE	+3.14	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+3.36	LTE	LTE				520HF	SPECIAL INTEREST +P
48	70	0.30	123	P 2	NQI		LTE	+3.72	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+3.72	LTE	LTE				520HF	SPECIAL INTEREST +P
48	85			2	NDF		LTS	+2.91	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.74	70	3	NQI		LTS	+2.91	LTE	UTE				510UL	510 BOBBIN EXAM
48	115	0.31	93	P 2	NQI		LTE	+16.77	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	-7.23	LTS	LTS				520HF	SPECIAL INTEREST +P
48	118				NDF		15S	+4.54	15S	15S				520HF	SPECIAL INTEREST +P
		0.28	19	P 5	VOL		15S	-12.01	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	-12.01	15S	15S	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.42	8	P 5	VOL		15S	-5.47	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	-5.47	15S	15S	0.17	0.18		520HF	SPECIAL INTEREST +P
		0.44	14	P 5	VOL		15S	-4.73	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	-4.73	15S	15S	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.45	7	P 5	VOL		15S	-0.98	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	-0.98	15S	15S	0.17	0.18		520HF	SPECIAL INTEREST +P
		0.23	13	3	BVC		14S	+30.41	LTE	UTE				540HF	540 BOBBIN EXAM
		0.39	6	3	BVC		14S	+29.55	LTE	UTE				540HF	540 BOBBIN EXAM
48	119				NDF		LTE	+10.66	LTE	LTE				520HF	SPECIAL INTEREST +P
		2.86	172	P 1	DNT		LTE	+10.66	LTE	UTE				510UL	510 BOBBIN EXAM
48	121	0.12	89	P 1	NQI		12S	+0.40	LTE	UTE				510UL	510 BOBBIN EXAM
		2.76	174	P 1	DNT		LTE	+10.05	LTE	UTE				510UL	510 BOBBIN EXAM
		0.20	85	P 2	TWD 6		12S	+0.40	12S	12S	WAR			520HF	SPECIAL INTEREST +P
49	1	0.45	93	P 1	INR		LTE	+14.17	UTE	LTE				510UL	510 BOBBIN EXAM
49	11				PID		UTS	+0.00	UTE	LTE	CAL07	1R14		510UL	510 BOBBIN EXAM
		1.25	32	P 5	SCI		ETL	+0.74	ETL	ETL	63	F1		520HF	KINETIC EXP +POINT
		0.34	63	P 5	ARC		ETL	+0.74	ETL	ETL				520HF	KINETIC EXP +POINT
		0.98	206	P 5	SCI		ETL	+0.80	ETL	ETL	47	F2		520HF	KINETIC EXP +POINT
		0.50	92	P 5	ARC		ETL	+0.80	ETL	ETL				520HF	KINETIC EXP +POINT
		1.25	32	P 5	TBP		ETL	+0.74	ETL	ETL				520HF	KINETIC EXP +POINT
49	21	1.27	26	P 5	VOL		ETL	+3.16	ETL	ETL	54			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.16	ETL	ETL	0.18	0.15		520HF	KINETIC EXP +POINT
		0.42	18	P 5	VOL		ETL	+1.27	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.27	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
49	23		0	12	CLP		UTS	-3.70	UTS	UTS	0.11	0.09		520HF	SPECIAL INTEREST +P
		0.36	15	P 5	VOL		UTS	-3.70	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.30	13	3	BVC		15S	+42.31	LTE	UTE				540HF	540 BOBBIN EXAM
49	34				NDF		LTS	+13.79	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.40	124	3	NQI		LTS	+13.79	UTE	LTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
49	40	0.58	24	P 5	VOL		ETL +0.67	ETL	ETL	47				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +0.67	ETL	ETL	0.17		0.10		520HF	KINETIC EXP +POINT
49	60	0.15	74	P 5	NQI		05S +0.59	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF		05S +0.59	05S	05S					520HF	SPECIAL INTEREST +P
49	65	0.53	29	P 5	VOL		ETL +1.54	ETL	ETL	67				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +1.54	ETL	ETL	0.16		0.10		520HF	KINETIC EXP +POINT
49	68	0.63	24	P 5	VOL		ETL +2.59	ETL	ETL	47				520HF	KINETIC EXP +POINT
			90	12	CLP		ETL +2.59	ETL	ETL	0.16		0.10		520HF	KINETIC EXP +POINT
49	73	0.84	6	'3	TWD	20	UTS +4.97	LTE	UTE					540HF	540 BOBBIN EXAM
		0.13	15	P 5	VOL		ETL +4.69	UTS	ETL	20				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +4.69	UTS	ETL	0.16		0.14		520HF	KINETIC EXP +POINT
		0.46	17	P 5	VOL		ETL -1.69	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -1.69	UTS	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -2.46	UTS	ETL	0.21		0.20		520HF	KINETIC EXP +POINT
		0.31	25	P 5	VOL		ETL -4.31	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -4.31	UTS	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
		1.56	26	P 5	VOL		ETL -2.46	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		UTS +6.09	UTS	ETL	0.16		0.10		520HF	KINETIC EXP +POINT
		0.57	15	2	VOL		UTS +6.09	UTS	ETL					520HF	KINETIC EXP +POINT
49	82	0.20	15	P 5	VOL		UTS -6.74	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS -6.74	UTS	UTS	0.16		0.18		520HF	SPECIAL INTEREST +P
		0.40	16	P 5	VOL		UTS +0.06	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS +0.06	UTS	UTS	0.16		0.18		520HF	SPECIAL INTEREST +P
49	113		0	12	CLP		ETL +1.67	ETL	ETL	0.15		0.15		520HF	KINETIC EXP +POINT
		0.19	16	P 5	VOL		ETL +1.67	ETL	ETL	22				520HF	KINETIC EXP +POINT
		0.42	20	P 5	VOL		ETL +2.20	ETL	ETL	33				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +2.20	ETL	ETL	0.20		0.21		520HF	KINETIC EXP +POINT
		0.53	20	P 5	VOL		ETL +3.32	ETL	ETL	33				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +3.32	ETL	ETL	0.15		0.15		520HF	KINETIC EXP +POINT
50	1	0.26	15	P 5	VOL		14S +7.30	14S	14S					520HF	SPECIAL INTEREST +P
			0	12	CLP		14S +7.30	14S	14S	0.11		0.09		520HF	SPECIAL INTEREST +P
		0.18	14	P 5	VOL		14S +8.90	14S	14S					520HF	SPECIAL INTEREST +P
			0	12	CLP		14S +8.90	14S	14S	0.11		0.09		520HF	SPECIAL INTEREST +P
		0.12	26	P 5	VOL		14S +9.35	14S	14S					520HF	SPECIAL INTEREST +P
			0	12	CLP		14S +9.35	14S	14S	0.11		0.13		520HF	SPECIAL INTEREST +P
		0.18	10	P 5	VOL		14S +9.77	14S	14S					520HF	SPECIAL INTEREST +P
			0	12	CLP		14S +9.77	14S	14S	0.11		0.17		520HF	SPECIAL INTEREST +P
		0.55	12	P 5	VOL		14S +10.18	14S	14S					520HF	SPECIAL INTEREST +P
			0	12	CLP		14S +10.18	14S	14S	0.11		0.22		520HF	SPECIAL INTEREST +P
		0.18	11	P 5	VOL		14S +10.52	14S	14S					520HF	SPECIAL INTEREST +P
			0	12	CLP		14S +10.52	14S	14S	0.11		0.09		520HF	SPECIAL INTEREST +P
		0.22	4	P 5	VOL		14S +15.05	14S	14S					520HF	SPECIAL INTEREST +P
			0	12	CLP		14S +15.05	14S	14S	0.11		0.13		520HF	SPECIAL INTEREST +P
		0.62	5	3	TWD	17	14S +10.08	LTE	UTE					540HF	540 BOBBIN EXAM
50	13	0.42	10	P 5	VOL		ETL +1.24	ETL	ETL	9				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +1.24	ETL	ETL	0.17		0.21		520HF	KINETIC EXP +POINT
50	15	0.50	21	P 5	VOL		ETL -1.06	ETL	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -1.06	ETL	ETL	0.17		0.16		520HF	KINETIC EXP +POINT
50	18	0.62	27	P 5	VOL		ETL -1.37	ETL	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -1.37	ETL	ETL	0.22		0.22		520HF	KINETIC EXP +POINT
50	21	0.10	75	2	INR		ETL -1.88	ETL	ETL					520HF	KINETIC EXP +POINT
		0.26	37	2	INR		ETL +3.09	ETL	ETL					520HF	KINETIC EXP +POINT
		0.30	12	P 5	VOL		ETL +1.03	ETL	ETL	13				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +1.03	ETL	ETL	0.17		0.16		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
50	25	4.49	175	P 1	NDF		ETL	ETL	ETL					520HF	SPECIAL INTEREST +P
					DNT		UTS	UTE	LTE					510UL	510 BOBBIN EXAM
50	28	0.47	9	P 5	VOL		ETL	ETL	ETL	2				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	ETL	ETL	0.12		0.16		520HF	KINETIC EXP +POINT
50	36	0.30	139	3	NDF		05S	05S						520HF	SPECIAL INTEREST +P
					NQI		04S	LTE	UTE					510UL	510 BOBBIN EXAM
50	41	0.61	0	12	CLP		ETL	UTS	ETL	0.10		0.16		520HF	KINETIC EXP +POINT
			29	2	VOL		ETL	UTS	ETL					520HF	KINETIC EXP +POINT
50	51	0.36	17	P 5	VOL		ETL	ETL	ETL	25				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	ETL	ETL	0.15		0.15		520HF	KINETIC EXP +POINT
50	60	0.61	25	P 5	VOL		ETL	ETL	ETL					520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	ETL	ETL	0.16		0.10		520HF	KINETIC EXP +POINT
50	61	0.21	19	P 5	VOL		ETL	ETL	ETL	30				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
50	67	0.36	21	P 5	VOL		ETL	ETL	ETL	36				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
		0.19	13	P 5	VOL		ETL	ETL	ETL	15				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
		0.27	17	P 5	VOL		ETL	ETL	ETL	25				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	ETL	ETL	0.21		0.20		520HF	KINETIC EXP +POINT
		0.36	6	P 5	VOL		ETL	ETL	ETL	6				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
50	75	10.40	182	P 1	NDF		12S	12S						520HF	SPECIAL INTEREST +P
		11.51	181	P 1	NDF		09S	09S						520HF	SPECIAL INTEREST +P
					DNT		09S	LTE	UTE					510UL	510 BOBBIN EXAM
					DNT		11S	LTE	UTE					510UL	510 BOBBIN EXAM
50	76	0.63	21	P 5	VOL		ETL	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	UTS	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
		0.12	4	P 5	VOL		ETL	UTS	ETL	2				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	UTS	ETL	0.11		0.15		520HF	KINETIC EXP +POINT
		0.21	10	P 5	VOL		ETL	UTS	ETL	9				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	UTS	ETL	0.11		0.20		520HF	KINETIC EXP +POINT
50	91	0.69	20	P 5	VOL		ETL	ETL	ETL	30				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
		0.72	20	P 5	VOL		ETL	ETL	ETL	30				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
50	102	0.66	16	P 5	VOL		15S	15S	15S					520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	15S	15S	0.15		0.15		520HF	SPECIAL INTEREST +P
		0.60	8	3	TWD 27		15S	LTE	UTE					540HF	540 BOBBIN EXAM
50	109	0.48	26	P 5	VOL		ETL	ETL	ETL	54				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	ETL	ETL	0.15		0.10		520HF	KINETIC EXP +POINT
50	119	2.98	173	P 1	DNT		LTE	LTE	UTE					510UL	510 BOBBIN EXAM
		0.49	10	P 5	VOL		ETL	UTS	ETL					520HF	KINETIC EXP +POINT
		0.74	25	P 5	VOL		ETL	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	UTS	ETL	0.15		0.15		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	UTS	ETL	0.15		0.15		520HF	KINETIC EXP +POINT
51	2	0.35	16	3	BVC		15S	LTE	UTE					540HF	540 BOBBIN EXAM
		0.26	10	3	BVC		15S	LTE	UTE					540HF	540 BOBBIN EXAM
		0.42	11	3	TWD 37		15S	LTE	UTE					540HF	540 BOBBIN EXAM
			0	12	CLP		UTS	UTS	UTS	0.7		0.22		520HF	SPECIAL INTEREST +P
		0.35	14	P 5	VOL		UTS	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	UTS	UTS	0.1		0.13		520HF	SPECIAL INTEREST +P
					NDF		15S	15S	15S					520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	ITW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.54	27	P	5	VOL	15S	+20.19	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+20.19	15S	15S	0.23	0.14		520HF	SPECIAL INTEREST +P
		1.88	19	P	5	VOL	15S	-0.59	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	-0.59	15S	15S	0.22	0.17		520HF	SPECIAL INTEREST +P
		0.56	25	P	5	VOL	15S	+2.85	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+2.85	15S	15S	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.80	18	P	5	VOL	15S	+3.09	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+3.09	15S	15S	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.65	22	P	5	VOL	UTS	-16.65	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.44	5	3	TWD	17	15S	+29.77	LTE	UTE				540HF	540 BOBBIN EXAM
51	6	0.63	24	P	5	SCI	LTE	+0.15	LTE	LTE				520HF	LTE ROLL +POINT
		0.16	30	P	5	ARC	LTE	+0.15	LTE	LTE				520HF	LTE ROLL +POINT
		0.54	17	P	1	PID	LTE	+0.16	LTE	LTE				520HF	LTE ROLL +POINT
51	8	0.61	35	P	5	PID	LTE	+0.03	LTE	LTE				520HF	LTE ROLL +POINT
		0.86	24	P	5	PID	LTE	+0.03	LTE	LTE				520HF	LTE ROLL +POINT
		0.23	43	P	5	ARC	LTE	+0.03	LTE	LTE				520HF	LTE ROLL +POINT
		0.85	19	P	5	SCI	LTE	+0.03	LTE	LTE		LAR		520HF	LTE ROLL +POINT
51	16	0.39	71	3	NQI		01S	-20.00	LTE					510UL	510 BOBBIN EXAM
					NDF		02S	-17.00	LTE					520HF	SPECIAL INTEREST +P
51	19	0.30	110	P	2	INR	LTE	+5.00	LTE					510UL	510 BOBBIN EXAM
		0.33	108	P	2	INR	LTE	-13.00	LTE					510UL	510 BOBBIN EXAM
		0.14	147	P	2	INR	LTE	-16.00	LTE					510UL	510 BOBBIN EXAM
51	23	0.61	4	3	INR		10S	+14.00	LTE					540HF	540 BOBBIN EXAM
51	48				NDF		02S	-8.00	LTE					520HF	SPECIAL INTEREST +P
		0.70	84	6	ADI		02S	-8.00	LTE					510UL	510 BOBBIN EXAM
51	58	0.23	65	P	5	TWD	6	+0.00	LTE	WAR				510UL	510 BOBBIN EXAM
51	84	0.62	20	P	5	VOL	ETL	+2.80	LTE	33				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-3.80	LTE	0.16	0.15			520HF	KINETIC EXP +POINT
		0.49	20	P	5	VOL	ETL	-3.80	LTE	33				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-3.80	LTE	0.16	0.15			520HF	KINETIC EXP +POINT
		1.05	22	P	5	VOL	ETL	+4.00	LTE	40				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.00	LTE	0.21	0.25			520HF	KINETIC EXP +POINT
51	92				NDF		14S	-8.80	LTE					520HF	SPECIAL INTEREST +P
			0	12	CLP		14S	-3.40	LTE	0.16	0.15			520HF	SPECIAL INTEREST +P
					NDF		14S	+5.75	LTE					520HF	SPECIAL INTEREST +P
		0.16	8	P	5	VOL	14S	-3.40	LTE					520HF	SPECIAL INTEREST +P
		0.32	9	3	BVC		13S	+32.55	LTE	UTE				540HF	540 BOBBIN EXAM
		0.22	9	3	BVC		13S	+27.18	LTE	UTE				540HF	540 BOBBIN EXAM
		0.17	18	3	BVC		14S	+5.75	LTE	UTE				540HF	540 BOBBIN EXAM
52	4	0.49	37	P	5	PID	LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
		0.24	45	P	5	ARC	LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
		0.68	27	P	5	SCI	LTE	+0.14	LTE	LTE		LAR		520HF	LTE ROLL +POINT
52	6				NDF		07S	+0.04	07S	07S				520HF	SPECIAL INTEREST +P
		0.09	53	P	2	NQI	07S	+0.04	UTE	LTE				510UL	510 BOBBIN EXAM
52	12	0.17	95	P	2	INR	LTE	+9.31	UTE	LTE				510UL	510 BOBBIN EXAM
52	48				NDF		09S	-8.02	09S	09S				520HF	SPECIAL INTEREST +P
		0.49	38	3	NQI		08S	+30.96	UTE	LTE				510UL	510 BOBBIN EXAM
52	65	0.24	9	P	5	VOL	ETL	+0.41	UTS	ETL	8			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.41	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.24	17	P	5	VOL	ETL	+5.04	UTS	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+5.04	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.26	22	P	5	VOL	ETL	+4.87	UTS	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.87	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.25	2	P	5	VOL	ETL	-6.93	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-6.93	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.73	22	P	5	VOL	ETL	-2.28	UTS	ETL				520HF	KINETIC EXP +POINT
		0.33	13	P	5	VOL	ETL	-1.23	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.23	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.39	9	P	5	VOL	ETL	-0.60	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.60	UTS	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.28	UTS	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
52	95	0.87	20	P	5	VOL	ETL	-0.13	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.13	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
52	101	2.42	183	P	1	INR	LTE	+16.45	LTE	UTE				510UL	510 BOBBIN EXAM
52	110	2.00	30	P	5	VOL	ETL	+3.12	ETL	ETL	71			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.12	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
52	118	0.22	82	P	1	NQI	07S	+0.74	LTE	UTE				510UL	510 BOBBIN EXAM
		0.28	91	P	2	TWD 9	07S	+0.74	07S	07S	WAR			520HF	SPECIAL INTEREST +P
		0.33	5	P	5	VOL	ETL	-1.02	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.02	UTS	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
52	123	0.07	66	P	1	NQI	12S	-0.13	LTE	UTE				510UL	510 BOBBIN EXAM
		0.14	95	P	2	TWD 5	12S	-0.13	12S	12S	WAR			520HF	SPECIAL INTEREST +P
53	3					NDF	UTS	-1.89	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.24	137	3		NQI	15S	+44.49	UTE	LTE				510UL	510 BOBBIN EXAM
53	51	0.10	32	2		VOL	ETL	-0.35	UTS	ETL				520HF	KINETIC EXP +POINT
		0.28	17	P	5	VOL	ETL	+1.69	UTS	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.69	UTS	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.35	UTS	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
53	55	0.68	113	3		NQI	UTS	+2.35	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	UTS	+2.35	UTS	UTS				520HF	SPECIAL INTEREST +P
53	62	0.36	16	P	5	VOL	ETL	-1.01	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.01	UTS	ETL	0.16	0.16		520HF	KINETIC EXP +POINT
		0.23	15	P	5	VOL	ETL	+1.79	UTS	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.79	UTS	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
53	65	0.57	127	3		NQI	LTS	+1.05	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	LTS	+1.07	LTS	LTS				520HF	SPECIAL INTEREST +P
53	70	6.35	165	P	1	DNT	LTS	+0.13	LTE	UTE				510UL	510 BOBBIN EXAM
53	71	12.68	168	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
53	72	7.36	166	P	1	DNT	LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
53	92	0.32	14	P	5	VOL	ETL	+2.07	ETL	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.07	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.23	16	P	5	VOL	ETL	+3.52	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.52	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
53	123	3.14	175	P	1	DNT	LTE	+9.46	LTE	UTE				540HF	540 BOBBIN EXAM
54	4	0.29	110	P	2	INR	LTE	+8.81	UTE	LTE				510UL	510 BOBBIN EXAM
		0.29	125	P	5	TWD 7	10S	-0.86	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
54	7	0.33	86	P	2	TWD 10	09S	-0.38	09S	09S	WAR			520HF	SPECIAL INTEREST +P
		0.17	94	P	1	NQI	09S	-0.40	UTE	LTE				510UL	510 BOBBIN EXAM
54	18	0.22	22	P	5	VOL	ETL	-0.55	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.55	ETL	ETL	0.17	0.16		520HF	KINETIC EXP +POINT
		0.39	12	P	5	VOL	ETL	+0.19	ETL	ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.19	ETL	ETL	0.11	0.11		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
54	30		0	12	CLP	ETL	-0.77	ETL	ETL	0.11		0.06		520HF	KINETIC EXP +POINT
		0.33	17	P 5	VOL	ETL	-0.77	ETL	ETL					520HF	KINETIC EXP +POINT
54	34		0	12	CLP	ETL	-0.18	ETL	ETL	0.22		0.11		520HF	KINETIC EXP +POINT
		0.54	25	P 5	VOL	ETL	-0.18	ETL	ETL					520HF	KINETIC EXP +POINT
54	37	0.51	12	P 5	VOL	ETL	+2.63	ETL	ETL	13				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.63	ETL	ETL	0.15		0.10		520HF	KINETIC EXP +POINT
54	46	0.36	17	P 5	VOL	ETL	+1.62	ETL	ETL	25				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.62	ETL	ETL	0.15		0.15		520HF	KINETIC EXP +POINT
54	55	4.27	175	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
54	56	10.49	173	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
54	57	8.45	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
54	60	0.37	140	P 2	NQI	LTS	-0.23	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	LTS	-0.23	LTS	LTS					520HF	SPECIAL INTEREST +P
54	63	0.42	22	P 5	VOL	ETL	+2.18	ETL	ETL	40				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.18	ETL	ETL	0.16		0.20		520HF	KINETIC EXP +POINT
		0.15	11	P 5	VOL	ETL	+2.77	ETL	ETL	11				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.77	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
		0.19	19	P 5	VOL	ETL	+3.40	ETL	ETL	30				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.40	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
		0.45	25	P 5	VOL	ETL	+3.90	ETL	ETL	51				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.90	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
		0.35	21	P 5	VOL	ETL	+4.56	ETL	ETL	36				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+4.56	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
		1.02	29	P 5	VOL	ETL	+5.06	ETL	ETL	67				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+5.06	ETL	ETL	0.21		0.15		520HF	KINETIC EXP +POINT
54	65	3.79	173	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
		0.35	100	P 2	NQI	LTS	+1.14	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	LTS	+1.14	LTS	LTS					520HF	SPECIAL INTEREST +P
54	66	3.71	171	P 1	DNT	LTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
		0.31	108	P 2	NQI	LTS	+1.82	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	LTS	+1.82	LTS	LTS					520HF	SPECIAL INTEREST +P
54	71	6.70	165	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
54	72	8.62	164	P 1	DNT	LTS	+0.28	LTE	UTE					510UL	510 BOBBIN EXAM
54	73	5.06	170	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
54	74	5.99	168	P 1	DNT	LTS	+0.06	LTE	UTE					510UL	510 BOBBIN EXAM
54	77	0.31	27	P 5	VOL	ETL	+2.14	ETL	ETL	58				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.14	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
54	81	0.31	14	P 5	VOL	ETL	-0.67	ETL	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.67	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
54	82	0.42	13	P 5	VOL	ETL	+1.84	ETL	ETL	15				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.84	ETL	ETL	0.32		0.20		520HF	KINETIC EXP +POINT
		0.36	16	P 5	VOL	ETL	+2.38	ETL	ETL	22				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.38	ETL	ETL	0.22		0.20		520HF	KINETIC EXP +POINT
		0.58	16	P 5	VOL	ETL	+3.24	ETL	ETL	22				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.24	ETL	ETL	0.16		0.20		520HF	KINETIC EXP +POINT
54	86	0.23	13	P 5	VOL	ETL	-0.37	ETL	ETL					520HF	KINETIC EXP +POINT
			90	12	CLP	ETL	-0.37	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
54	94	0.47	14	P 5	VOL		ETL +0.12	ETL	ETL	17				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +0.12	ETL	ETL	0.22		0.15		520HF	KINETIC EXP +POINT
		0.42	12	P 5	VOL		ETL +2.32	ETL	ETL	13				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +2.32	ETL	ETL	0.16		0.20		520HF	KINETIC EXP +POINT
54	104	0.37	16	P 5	VOL		ETL +2.32	ETL	ETL	22				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +2.32	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
		0.39	78	P 5	TWD 7	09S	+0.77	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
54	113	0.81	20	P 5	VOL		ETL +0.31	ETL	ETL	33				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +0.31	ETL	ETL	0.10		0.10		520HF	KINETIC EXP +POINT
		1.26	26	P 5	VOL		ETL +1.33	ETL	ETL	54				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +1.33	ETL	ETL	0.15		0.10		520HF	KINETIC EXP +POINT
		0.94	21	P 5	VOL		ETL +4.45	ETL	ETL	36				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +4.45	ETL	ETL	0.15		0.05		520HF	KINETIC EXP +POINT
54	116	0.56	11	P 5	VOL		ETL +0.52	ETL	ETL	11				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +0.52	ETL	ETL	0.15		0.10		520HF	KINETIC EXP +POINT
54	122				NDF		LTS -3.31	LTS	LTS					520HF	SPECIAL INTEREST +P
		0.44	113	P 2	NQI		LTE +20.69	LTE	UTE					510UL	510 BOBBIN EXAM
55	1	0.36	115	P 2	INR		LTE +19.79	LTE	LTE					510UL	510 BOBBIN EXAM
55	13	0.17	85	P 2	INR		LTE +9.16	LTE	LTE					510UL	510 BOBBIN EXAM
55	19	2.08	177	P 1	INR		LTE +4.98	LTE	LTE					510UL	510 BOBBIN EXAM
55	20	0.31	7	P 5	VOL		ETL +2.30	ETL	ETL	5				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +2.30	ETL	ETL	0.11		0.11		520HF	KINETIC EXP +POINT
55	21	0.56	24	P 5	SCI		ETL +1.22	ETL	ETL	47				520HF	KINETIC EXP +POINT
		0.19	36	P 5	ARC		ETL +1.22	ETL	ETL					520HF	KINETIC EXP +POINT
55	26	0.36	21	P 5	VOL		ETL -0.89	ETL	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -0.89	ETL	ETL	0.16		0.11		520HF	KINETIC EXP +POINT
55	34	0.29	6	P 5	VOL		ETL +0.08	ETL	ETL	4				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +0.08	ETL	ETL	0.11		0.10		520HF	KINETIC EXP +POINT
55	54	6.45	174	P 1	DNT		LTS -0.16	LTS	LTS					510UL	510 BOBBIN EXAM
55	55	20.34	172	P 1	DNT		LTS +0.00	LTS	LTS					510UL	510 BOBBIN EXAM
		0.17	12	P 5	VOL		ETL +0.96	ETL	ETL	13				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +0.96	ETL	ETL	0.10		0.15		520HF	KINETIC EXP +POINT
55	56	25.81	171	P 1	DNT		LTS +0.13	LTS	LTS					510UL	510 BOBBIN EXAM
55	57	14.10	172	P 1	DNT		LTS +0.04	LTS	LTS					510UL	510 BOBBIN EXAM
55	58	4.76	172	P 1	DNT		LTS +0.09	LTS	LTS					510UL	510 BOBBIN EXAM
55	60	0.16	18	P 5	VOL		ETL +2.66	ETL	ETL	27				520HF	KINETIC EXP +POINT
			90	12	CLP		ETL +2.66	ETL	ETL	0.16		0.10		520HF	KINETIC EXP +POINT
55	62	0.18	76	P 1	NQI	03S	-0.69	LTE	UTE					510UL	510 BOBBIN EXAM
		0.34	69	P 2	TWD 8	03S	-0.75	03S	03S	WAR				520HF	SPECIAL INTEREST +P
55	65	4.12	171	P 1	DNT		LTS +0.00	LTS	LTS					510UL	510 BOBBIN EXAM
55	66				NDF		LTS -0.65	LTS	LTS					520HF	LTS-KIDNEY +POINT
					NDF		LTS +1.81	LTS	LTS					520HF	LTS-KIDNEY +POINT
		3.46	174	P 1	DNT		LTS +0.00	LTE	UTE					510UL	510 BOBBIN EXAM
		0.17	87	P 2	NQI		LTS +1.81	LTE	UTE					510UL	510 BOBBIN EXAM
		0.24	82	P 2	NQI		LTS -0.65	LTE	UTE					510UL	510 BOBBIN EXAM
55	69	0.29	31	P 5	VOL		ETL -1.06	ETL	ETL					520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		ETL	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
55	71	2.76	152	P 1	DNT		LTS		LTE	UTE				510UL	510 BOBBIN EXAM
55	73	6.27	164	P 1	DNT		LTS		LTE	UTE				510UL	510 BOBBIN EXAM
55	74	5.05	159	P 1	DNT		LTS		LTE	UTE				510UL	510 BOBBIN EXAM
55	75	8.64	166	P 1	DNT		LTS		LTE	UTE				510UL	510 BOBBIN EXAM
55	79	0.30	13	P 5	VOL		ETL		ETL	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL		ETL	ETL	0.16		0.15	520HF	KINETIC EXP +POINT
55	104	0.27	84	P 2	TWD 7		10S		10S	10S	WAR			520HF	SPECIAL INTEREST +P
		0.23	91	P 1	NQI		10S		LTE	UTE				510UL	510 BOBBIN EXAM
55	105	0.33	87	2	SVI		LTS		LTS	LTS	21			520HF	SPECIAL INTEREST +P
			0	2	CLP		LTS		LTS	LTS	0.26		0.15	520HF	SPECIAL INTEREST +P
		0.36	96	P 2	NQI		LTS		LTE	UTE				510UL	510 BOBBIN EXAM
55	114	0.78	16	P 5	VOL		ETL		ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL		ETL	ETL	0.10		0.10	520HF	KINETIC EXP +POINT
55	118	0.31	14	P 5	VOL		ETL		ETL	ETL	17			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL		ETL	ETL	0.15		0.15	520HF	KINETIC EXP +POINT
55	120	0.29	6	3	BVC		15S		LTE	UTE				540HF	540 BOBBIN EXAM
		0.25	7	3	BVC		15S		LTE	UTE				540HF	540 BOBBIN EXAM
		0.24	4	3	INR		15S		LTE	UTE				540HF	540 BOBBIN EXAM
		0.33	16	P 5	VOL		UTS		UTS	UTS				520HF	SPECIAL INTEREST +P
		0.43	10	P 5	VOL		UTS		UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS		UTS	UTS	0.17		0.13	520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS		UTS	UTS	0.17		0.13	520HF	SPECIAL INTEREST +P
		0.20	17	P 5	VOL		UTS		UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS		UTS	UTS	0.17		0.09	520HF	SPECIAL INTEREST +P
		0.86	21	P 5	VOL		UTS		UTS	UTS				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS		UTS	UTS	0.17		0.13	520HF	KINETIC EXP +POINT
		0.65	19	P 5	VOL		ETL		UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL		UTS	ETL	0.16		0.14	520HF	KINETIC EXP +POINT
		0.35	18	P 5	VOL		ETL		UTS	ETL				520HF	KINETIC EXP +POINT
		0.34	24	P 5	VOL		ETL		UTS	ETL	47			520HF	KINETIC EXP +POINT
		0.51	22	P 5	VOL		ETL		UTS	ETL	40			520HF	KINETIC EXP +POINT
		0.23	12	P 5	VOL		ETL		UTS	ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL		UTS	ETL	0.15		0.15	520HF	KINETIC EXP +POINT
			0	12	CLP		ETL		UTS	ETL	0.11		0.10	520HF	KINETIC EXP +POINT
			0	12	CLP		ETL		UTS	ETL	0.11		0.10	520HF	KINETIC EXP +POINT
			0	12	CLP		ETL		UTS	ETL	0.10		0.10	520HF	KINETIC EXP +POINT
55	123	3.79	174	P 1	DNT		LTE		LTE	UTE				510UL	510 BOBBIN EXAM
55	124				NDF		LTE		LTE	LTE				520HF	SPECIAL INTEREST +P
		2.62	176	P 1	DNT		LTE		LTE	UTE				540HF	540 BOBBIN EXAM
		0.98	3	3	INR		15S		LTE	UTE				540HF	540 BOBBIN EXAM
		0.72	11	P 5	VOL		15S		15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S		15S	15S	0.17		0.18	520HF	SPECIAL INTEREST +P
56	1	0.75	17	P 5	VOL		03S		03S	03S				520HF	SPECIAL INTEREST +P
			0	12	CLP		03S		03S	03S	0.22		0.13	520HF	SPECIAL INTEREST +P
		0.30	9	P 5	VOL		08S		08S	08S				520HF	SPECIAL INTEREST +P
			0	12	CLP		08S		08S	08S	0.22		0.13	520HF	SPECIAL INTEREST +P
		0.31	8	3	BVC		02S		LTE	UTE				540HF	540 BOBBIN EXAM
		0.44	7	3	TWD 23		07S		LTE	UTE				540HF	540 BOBBIN EXAM
		0.28	2	3	INR		08S		LTE	UTE				540HF	540 BOBBIN EXAM
		0.45	8	3	TWD 27		08S		LTE	UTE				540HF	540 BOBBIN EXAM
					NDF		09S		09S	09S				520HF	SPECIAL INTEREST +P
					NDF		08S		08S	08S				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
56	14	0.85	21	P 5	VOL		ETL	-0.12						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.12		0.22		0.17		520HF	KINETIC EXP +POINT
56	55	15.13	172	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
56	56	17.14	172	P 1	DNT		LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
56	57	19.12	172	P 1	DNT		LTS	-0.00	LTE	UTE				510UL	510 BOBBIN EXAM
56	58	16.08	171	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
56	59	6.69	173	P 1	DNT		LTS	-0.32	LTE	UTE				510UL	510 BOBBIN EXAM
56	60	0.30	95	P 2	NQI		LTS	+1.60	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	+1.60	LTE	LTS				520HF	SPECIAL INTEREST +P
56	62	0.29	92	P 2	NQI		LTS	+1.60	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	+1.60	LTE	LTS				520HF	SPECIAL INTEREST +P
56	66	4.68	170	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
56	67	4.06	170	P 1	DNT		LTS	-0.10	LTE	UTE				510UL	510 BOBBIN EXAM
56	68				NDF		UTS	-20.00	LTE	UTE				520HF	SPECIAL INTEREST +P
		0.33	16	P 5	VOL		UTS	-5.00	LTE	UTE				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-5.00	LTE	UTE	0.22		0.22	520HF	SPECIAL INTEREST +P
		1.34	3	3	INR		15S	-30.00	LTE	UTE				540HF	540 BOBBIN EXAM
56	71	6.62	165	P 1	DNT		LTS	-0.00	LTE	UTE				510UL	510 BOBBIN EXAM
		0.14	18	P 5	VOL		ETL	-1.00	LTE	UTE				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.00	LTE	UTE	0.16		0.15	520HF	KINETIC EXP +POINT
		0.58	19	P 5	VOL		ETL	+2.00	LTE	UTE	0.30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.00	LTE	UTE	0.18		0.18	520HF	KINETIC EXP +POINT
56	72	9.80	165	P 1	DNT		LTS	-0.00	LTE	UTE				510UL	510 BOBBIN EXAM
56	73	4.45	159	P 1	DNT		LTS	-0.00	LTE	UTE				510UL	510 BOBBIN EXAM
56	75	4.14	161	P 1	DNT		LTS	-0.00	LTE	UTE				510UL	510 BOBBIN EXAM
56	76	4.85	166	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
56	77	7.19	168	P 1	DNT		LTS	+0.10	LTE	UTE				510UL	510 BOBBIN EXAM
56	91				NDF		03S	-3.55	LTE	UTE				520HF	SPECIAL INTEREST +P
		0.24	83	3	NQI		02S	+35.45	LTE	UTE				510UL	510 BOBBIN EXAM
56	93	0.40	8	3	TWD 27		15S	+39.27	LTE	UTE				540HF	540 BOBBIN EXAM
		0.30	14	P 5	VOL		UTS	-7.43	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-7.43	UTS	UTS	0.16		0.18	520HF	SPECIAL INTEREST +P
56	116	0.40	14	P 5	VOL		ETL	-0.07	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.07	UTS	ETL	0.16		0.25	520HF	KINETIC EXP +POINT
56	117	0.15	29	P 5	ARC		ETL	+0.79	ETL	ETL				520HF	KINETIC EXP +POINT
		1.14	28	P 5	SCI		ETL	+0.79	ETL	ETL	63			520HF	KINETIC EXP +POINT
56	121	0.53	17	P 5	VOL		UTS	+2.81	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	+2.81	UTS	UTS	0.10		0.10	520HF	SPECIAL INTEREST +P
		0.22	18	P 2	BVC		UTS	+2.65	LTE	UTE				540HF	540 BOBBIN EXAM
56	123	0.36	23	P 5	VOL		ETL	+1.02	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.02	ETL	ETL	0.21		0.15	520HF	KINETIC EXP +POINT
		0.73	18	P 5	VOL		ETL	+1.94	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.94	ETL	ETL	0.21		0.10	520HF	KINETIC EXP +POINT
		1.63	29	P 5	VOL		ETL	+2.40	ETL	ETL	67			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.40	ETL	ETL	0.15		0.21	520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
56	124	0.37	8	P 5	VOL		ETL	-0.47	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.47	UTS	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
56	125				NDF		15S	-0.94	15S	15S				520HF	SPECIAL INTEREST +P
					NDF		15S	+0.12	15S	15S				520HF	SPECIAL INTEREST +P
		0.40	97	P 1	NQI		15S	-0.94	LTE	UTE				510UL	510 BOBBIN EXAM
		0.42	134	P 2	NQI		15S	+0.12	LTE	UTE				510UL	510 BOBBIN EXAM
57	40				NDF		13S	-3.00	13S	13S				520HF	SPECIAL INTEREST +P
		1.39	66	6	ADI		12S	+34.00	UTE	LTE				510UL	510 BOBBIN EXAM
57	56	8.37	173	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
57	57	10.13	172	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
57	58	6.51	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
57	59	9.35	172	P 1	DNT		LTS	-0.24	LTE	UTE				510UL	510 BOBBIN EXAM
57	60	1.20	22	P 5	VOL		ETL	-0.37	UTS	ETL	0.20	0.20		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.37	UTS	ETL				520HF	KINETIC EXP +POINT
		6.42	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
57	63	0.27	7	P 5	VOL		UTS	-13.80	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-13.80	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.77	18	P 5	VOL		UTS	-9.81	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-9.81	UTS	UTS	0.22	0.17		520HF	SPECIAL INTEREST +P
		0.98	6	3	TWD	20	15S	+36.98	LTE	UTE				540HF	540 BOBBIN EXAM
		0.73	18	P 5	VOL		UTS	-9.40	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-9.40	UTS	UTS	0.25	0.24		520HF	SPECIAL INTEREST +P
		0.30	26	P 5	VOL		UTS	-13.85	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-13.85	UTS	UTS	0.25	0.20		520HF	SPECIAL INTEREST +P
57	64	0.11	86	3	NQI		06S	+7.95	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		06S	+7.95	06S	06S				520HF	SPECIAL INTEREST +P
57	65	0.42	13	P 5	VOL		UTS	-8.71	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-8.71	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
		0.30	16	P 5	VOL		UTS	-5.84	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-5.84	UTS	UTS	0.17	0.09		520HF	SPECIAL INTEREST +P
		0.23	17	P 5	VOL		UTS	-4.00	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-4.00	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.38	17	P 5	VOL		UTS	-2.56	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-2.56	UTS	UTS	0.11	0.09		520HF	SPECIAL INTEREST +P
		0.40	8	3	TWD	27	15S	+37.52	LTE	UTE				540HF	540 BOBBIN EXAM
		0.28	8	3	BVC		15S	+40.54	LTE	UTE				540HF	540 BOBBIN EXAM
		0.24	10	3	BVC		15S	+43.85	LTE	UTE				540HF	540 BOBBIN EXAM
		0.18	10	3	BVC		15S	+42.49	LTE	UTE				540HF	540 BOBBIN EXAM
		0.40	18	P 5	VOL		UTS	-8.87	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-8.87	UTS	UTS	0.19	0.20		520HF	SPECIAL INTEREST +P
		0.34	16	P 5	VOL		UTS	-6.49	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-6.49	UTS	UTS	0.19	0.20		520HF	SPECIAL INTEREST +P
		0.23	21	P 5	VOL		UTS	-4.36	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-4.36	UTS	UTS	0.12	0.20		520HF	SPECIAL INTEREST +P
		0.35	18	P 5	VOL		UTS	-2.85	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-2.85	UTS	UTS	0.19	0.16		520HF	SPECIAL INTEREST +P
57	66	4.28	170	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
57	67	0.16	97	3	NQI		05S	+29.13	LTE	UTE				510UL	510 BOBBIN EXAM
		2.84	164	P 2	NQI		LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	+0.11	LTS	LTS				520HF	SPECIAL INTEREST +P
					NDF		06S	-7.67	06S	06S				520HF	SPECIAL INTEREST +P
57	68	0.17	86	3	NQI		15S	+13.00	LTE	UTE				510UL	510 BOBBIN EXAM
		0.29	48	2	SAI		15S	+13.43	15S	15S	80			520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.20	0	2	LEN		15S	15S	15S					520HF	SPECIAL INTEREST +P
57	71	8.62	164	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
57	72	15.42	169	P 1	DNT		LTS	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
57	73	9.25	166	P 1	DNT		LTS	+0.15	LTE	UTE				510UL	510 BOBBIN EXAM
57	74	9.14	165	P 1	DNT		LTS	-0.17	LTE	UTE				510UL	510 BOBBIN EXAM
57	75	0.19	52	P 5	TWD 5		04S	+0.75	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
57	77	8.37	167	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
57	78				NDF		02S	+4.00	02S	02S				520HF	SPECIAL INTEREST +P
		6.35	166	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
		1.40	73	6	ADI		02S	+4.00	LTE	UTE				510UL	510 BOBBIN EXAM
57	82	0.89	7	3	TWD 23		15S	+5.28	LTE	UTE				540HF	540 BOBBIN EXAM
		0.35	17	P 5	VOL		15S	+5.33	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+5.33	15S	15S	0.16	0.23		520HF	SPECIAL INTEREST +P
57	84				NDF		LTS	+9.51	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.55	33	3	NQI		LTS	+9.51	LTE	UTE				510UL	510 BOBBIN EXAM
57	92	0.29	7	3	BVC		15S	+40.57	LTE	UTE				540HF	540 BOBBIN EXAM
			0	12	CLP		UTS	-5.92	UTS	UTS	0.16	0.14		520HF	SPECIAL INTEREST +P
		0.35	19	P 5	VOL		UTS	-5.92	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.39	15	P 5	VOL		ETL	-1.13	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.13	ETL	ETL	0.16	0.20		520HF	KINETIC EXP +POINT
		0.74	29	P 5	VOL		ETL	-0.74	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.74	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
		0.66	17	P 5	VOL		ETL	+0.08	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.08	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
57	94	0.48	20	P 5	VOL		ETL	-1.10	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.10	UTS	ETL	0.16	0.20		520HF	KINETIC EXP +POINT
		0.62	23	P 5	VOL		ETL	+3.01	UTS	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.01	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.54	17	P 5	VOL		ETL	+3.45	UTS	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.45	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
57	112				NDF		12S	+5.89	12S	12S				520HF	SPECIAL INTEREST +P
		0.35	114	3	NQI		12S	+5.89	LTE	UTE				510UL	510 BOBBIN EXAM
57	115	0.12	8	P 5	VOL		UTS	+0.66	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+0.66	UTS	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
		0.24	8	P 5	VOL		ETL	-0.40	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.40	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
57	123	0.20	92	P 2	TWD 6		08S	-0.67	08S	08S	WAR			520HF	SPECIAL INTEREST +P
		0.18	79	P 1	NQI		08S	-0.70	LTE	UTE				510UL	510 BOBBIN EXAM
57	126				NDF		LTE	+8.46	LTE	LTE				520HF	SPECIAL INTEREST +P
					NDF		LTE	+10.62	LTE	LTE				520HF	SPECIAL INTEREST +P
		3.86	174	P 1	DNT		LTE	+8.46	LTE	UTE				510UL	510 BOBBIN EXAM
		4.33	175	P 1	DNT		LTE	+10.62	LTE	UTE				510UL	510 BOBBIN EXAM
58	13	2.67	184	P 1	DNT		12S	+12.80	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		12S	+12.81	12S	12S				520HF	SPECIAL INTEREST +P
58	21	0.24	17	P 5	VOL		ETL	+1.80	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.80	ETL	ETL	0.16	0.11		520HF	KINETIC EXP +POINT
58	25	0.32	2	3	INR		15S	+43.55	LTE	UTE				540HF	540 BOBBIN EXAM
58	31	1.01	19	P 5	VOL		ETL	-0.01	ETL	ETL				520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		ETL	ETL	ETL	0.10		0.17		520HF	KINETIC EXP +POINT
58	50	0.37	0	12	CLP		ETL	-0.46	UTS	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
			14	P 5	VOL		ETL	-0.46	UTS	ETL				520HF	KINETIC EXP +POINT
58	54	0.26	51	3	NDF		01S	-4.92	01S	01S				520HF	SPECIAL INTEREST +P
					NQI		LTS	+41.46	UTE	LTE				510UL	510 BOBBIN EXAM
58	57	5.99	173	P 1	DNT		LTS	-0.51	LTE	UTE				510UL	510 BOBBIN EXAM
58	58	4.00	174	P 1	DNT		LTS	+1.21	LTS	LTS				520HF	LTS-KIDNEY +POINT
		0.15	84	P 2	NQI		LTS	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
							LTS	+1.21	LTE	UTE				510UL	510 BOBBIN EXAM
58	60	3.84	177	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
58	61	4.41	173	P 1	DNT		LTS	-0.32	LTE	UTE				510UL	510 BOBBIN EXAM
58	62	4.63	173	P 1	DNT		LTS	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
58	63	2.86	173	P 1	DNT		LTS	-0.27	LTE	UTE				510UL	510 BOBBIN EXAM
58	66	3.96	162	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
58	70	0.28	17	P 5	VOL		ETL	+2.18	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.18	ETL	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
58	72	6.77	165	P 1	DNT		LTS	+0.15	LTE	UTE				510UL	510 BOBBIN EXAM
58	73	12.82	166	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
58	74	11.41	169	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
58	75	10.58	163	P 1	DNT		LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
58	78	4.16	158	P 1	DNT		LTS	+0.13	LTE	UTE				510UL	510 BOBBIN EXAM
58	79	0.30	14	P 5	VOL		ETL	-0.23	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.23	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		5.16	166	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
58	80	0.44	12	P 5	VOL		ETL	+11.23	13S	13S				520HF	SPECIAL INTEREST +P
			0	12	CLP		ETL	+1.92	ETL	ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.92	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		1.41	77	6	ADI		13S	+11.23	LTE	UTE				510UL	510 BOBBIN EXAM
58	89	0.37	14	P 5	VOL		ETL	-2.70	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.70	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
58	92	0.26	17	P 5	VOL		ETL	+1.61	ETL	ETL	25			520HF	KINETIC EXP +POINT
		0.41	15	P 5	VOL		ETL	+2.55	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.55	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
		0.53	13	P 5	VOL		ETL	+3.74	ETL	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.74	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
		0.74	18	P 5	VOL		ETL	+4.73	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.73	ETL	ETL	0.21	0.20		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.61	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
58	94	0.42	7	3	TWD	23	15S	+44.08	LTE	UTE				540HF	540 BOBBIN EXAM
		0.56	20	P 5	VOL		UTS	-2.38	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-2.38	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
58	97	5.76	36	2	PVN		11S	-10.96	11S	11S				520HF	SPECIAL INTEREST +P
		2.62	184	P 1	DNT		10S	+25.48	LTE	UTE				510UL	510 BOBBIN EXAM
58	99	1.01	85	6	NDF		12S	-10.08	12S	12S				520HF	SPECIAL INTEREST +P
					ADI		11S	+27.92	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
58	105	0.29	9	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
		0.11	15	P 5	VOL		ETL			0.16	0.13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
		0.24	15	P 2	BVC		UTS			0.16	0.15			540HF	540 BOBBIN EXAM
58	113	0.14	88	P 5	TWD 3		OBS							510UL	510 BOBBIN EXAM
58	114	0.63	13	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.05	0.10			520HF	KINETIC EXP +POINT
		0.23	23	P 5	VOL		ETL			43				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.10	0.05			520HF	KINETIC EXP +POINT
		1.57	28	P 5	VOL		ETL			63				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.15	0.10			520HF	KINETIC EXP +POINT
58	116	0.99	21	P 5	VOL		ETL			36				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.15	0.15			520HF	KINETIC EXP +POINT
58	117	0.35	4	3	INR		15S							540HF	540 BOBBIN EXAM
		0.54	22	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.10	0.10			520HF	KINETIC EXP +POINT
		0.64	26	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.08	0.06			520HF	KINETIC EXP +POINT
		0.16	15	P 5	VOL		UTS							520HF	KINETIC EXP +POINT
			0	12	CLP		UTS			0.16	0.19			520HF	KINETIC EXP +POINT
		0.46	14	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS			0.17	0.18			520HF	SPECIAL INTEREST +P
		0.68	22	P 5	VOL		UTS							520HF	KINETIC EXP +POINT
			0	12	CLP		UTS			0.17	0.13			520HF	KINETIC EXP +POINT
58	120		0	12	CLP		ETL			0.15	0.10			520HF	KINETIC EXP +POINT
		0.22	10	P 5	VOL		ETL			9				520HF	KINETIC EXP +POINT
			90	12	CLP		UTS			0.15	0.15			520HF	SPECIAL INTEREST +P
		0.40	15	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
		0.26	10	3	BVC		15S							540HF	540 BOBBIN EXAM
58	125	3.05	173	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
59	3	0.35	84	P 5	NQI		15S							510UL	510 BOBBIN EXAM
					NDF		15S							520HF	SPECIAL INTEREST +P
59	55				NDF		LTS							520HF	SPECIAL INTEREST +P
		0.40	92	P 2	NQI		LTS							510UL	510 BOBBIN EXAM
59	58	2.96	173	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
59	59	3.69	176	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
59	60	4.40	172	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
59	64	4.22	166	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
59	70	6.44	161	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
59	71	14.98	168	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
59	73	9.01	163	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
59	83				NDF		01S			TO-42.51	01S	01S		520HF	SPECIAL INTEREST +P
		7.56	2	3	IDC		LTS			TO+43.46	LTE	UTE		510UL	510 BOBBIN EXAM
59	113				NDF		01S							520HF	SPECIAL INTEREST +P
					NDF		01S							520HF	SPECIAL INTEREST +P
					NDF		01S							520HF	SPECIAL INTEREST +P
		1.34	82	6	ADI		LTS							510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.78	87	6	ADI		LTS							510UL	510 BOBBIN EXAM
		1.39	85	6	ADI		01S							510UL	510 BOBBIN EXAM
59	119	0.10	134	P 1	INR		LTE							510UL	510 BOBBIN EXAM
59	120	0.25	80	P 2	TWD 8		09S							520HF	SPECIAL INTEREST +P
		0.24	127	P 1	NQI		09S							510UL	510 BOBBIN EXAM
60	19		0	12	CLP		ETL			0.16		0.17		520HF	KINETIC EXP +POINT
		0.24	23	P 5	VOL		ETL			43				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.16		0.17		520HF	KINETIC EXP +POINT
		0.43	17	P 5	VOL		ETL			25		IDOK		520HF	KINETIC EXP +POINT
60	30	0.50	22	P 5	VOL		ETL			20				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.14		0.11		520HF	KINETIC EXP +POINT
60	57	0.25	79	P 2	NQI		LTS							510UL	510 BOBBIN EXAM
					NDF		LTS							520HF	SPECIAL INTEREST +P
60	60	2.46	177	P 1	INR		LTS							510UL	510 BOBBIN EXAM
60	61	2.83	171	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
60	62	2.50	173	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
60	65	0.44	9	3	TWD 30		15S							540HF	540 BOBBIN EXAM
		0.61	4	2	VOL		UTS							520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS			0.10		0.14		520HF	SPECIAL INTEREST +P
60	66	3.26	173	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
60	71	0.24	75	3	NQI		LTS							510UL	510 BOBBIN EXAM
					NDF		LTS							520HF	SPECIAL INTEREST +P
60	73	6.72	160	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
60	74	13.48	167	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
60	75	19.85	168	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
60	76	9.69	162	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
60	78	0.40	14	P 5	VOL		ETL			17				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.16		0.15		520HF	KINETIC EXP +POINT
		2.86	157	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
60	79	0.26	16	3	BVC		15S							540HF	540 BOBBIN EXAM
		0.17	9	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS			0.16		0.14		520HF	SPECIAL INTEREST +P
60	81				NDF		12S							520HF	SPECIAL INTEREST +P
		6.16	176	P 1	DNT		12S							510UL	510 BOBBIN EXAM
60	86	0.71	3	3	INR		14S							540HF	540 BOBBIN EXAM
60	121				NDF		14S							520HF	SPECIAL INTEREST +P
		5.74	145	3	NQI		13S							510UL	510 BOBBIN EXAM
		0.85	22	P 5	VOL		ETL			40				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.16		0.19		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.15		0.15		520HF	KINETIC EXP +POINT
		0.41	21	P 5	VOL		ETL			36				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.15		0.10		520HF	KINETIC EXP +POINT
		0.20	20	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
60	123	0.33	14	P 5	VOL		UTS							520HF	KINETIC EXP +POINT
			0	12	CLP		UTS			0.16		0.13		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	1TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.14	13	P 5	VOL		ETL	-3.84	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-3.84	UTS	ETL	0.12	0.13		520HF	KINETIC EXP +POINT
		0.45	21	P 5	VOL		ETL	-2.80	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.80	UTS	ETL	0.20	0.13		520HF	KINETIC EXP +POINT
		0.24	2	P 5	VOL		ETL	-2.66	UTS	ETL				520HF	KINETIC EXP +POINT
		0.40	16	P 5	VOL		ETL	-0.63	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.63	UTS	ETL	0.20	0.19		520HF	KINETIC EXP +POINT
		0.28	2	P 5	VOL		ETL	+0.99	UTS	ETL	1			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.99	UTS	ETL	0.06	0.19		520HF	KINETIC EXP +POINT
		0.47	9	P 5	VOL		ETL	+1.10	UTS	ETL	8			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.10	UTS	ETL	0.12	0.13		520HF	KINETIC EXP +POINT
		0.80	24	P 5	VOL		ETL	+1.80	UTS	ETL	47			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.80	UTS	ETL	0.20	0.13		520HF	KINETIC EXP +POINT
		0.22	16	P 5	VOL		ETL	+2.09	UTS	ETL	22			520HF	KINETIC EXP +POINT
		0.47	17	P 5	VOL		ETL	+3.74	UTS	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.74	UTS	ETL	0.20	0.13		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.09	UTS	ETL	0.12	0.13		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.66	UTS	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
60	125	0.56	1	3	INR		15S	+25.48	LTE	UTE				540HF	540 BOBBIN EXAM
		0.63	3	3	INR		15S	+26.02	LTE	UTE				540HF	540 BOBBIN EXAM
					NDF		UTS	-19.92	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.65	11	P 5	VOL		UTS	-21.17	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-21.17	UTS	UTS	0.22	0.18		520HF	SPECIAL INTEREST +P
		0.41	14	P 5	VOL		UTS	-20.65	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-20.65	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
60	128	0.42	4	3	INR		15S	+39.92	LTE	UTE				540HF	540 BOBBIN EXAM
		0.84	16	P 5	VOL		UTS	-6.59	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-6.59	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		ETL	-0.34	ETL	ETL	0.19	0.14		520HF	KINETIC EXP +POINT
		0.23	11	P 5	VOL		ETL	-0.34	ETL	ETL				520HF	KINETIC EXP +POINT
61	8	5.89	174	P 1	DNT		LTE	+11.49	UTE	LTE				510UL	510 BOBBIN EXAM
61	9	5.40	176	P 1	DNT		LTE	+11.47	UTE	LTE				510UL	510 BOBBIN EXAM
61	10		0	12	CLP		ETL	+1.64	ETL	ETL	0.16	0.17		520HF	KINETIC EXP +POINT
		0.51	16	P 5	VOL		ETL	+1.64	ETL	ETL	22	IDOK		520HF	KINETIC EXP +POINT
61	15	0.32	10	P 5	VOL		ETL	+1.41	ETL	ETL	9			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.41	ETL	ETL	0.16	0.11		520HF	KINETIC EXP +POINT
61	50				NDF		03S	-3.00	03S	03S				520HF	SPECIAL INTEREST +P
		0.18	100	3	NQI		02S	+36.00	UTE	LTE				510UL	510 BOBBIN EXAM
61	53	1.99	177	P 1	INR		01S	+35.84	UTE	LTE				510UL	510 BOBBIN EXAM
61	61	1.76	34	P 5	SCI		ETL	+2.94	ETL	ETL	91			520HF	KINETIC EXP +POINT
		0.19	35	P 5	ARC		ETL	+2.94	ETL	ETL				520HF	KINETIC EXP +POINT
61	64	3.62	169	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
61	72	3.85	164	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
61	73	9.92	163	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
61	74	11.35	166	P 1	DNT		LTS	+0.15	LTE	UTE				510UL	510 BOBBIN EXAM
61	75	5.46	161	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
61	79	0.33	5	3	BVC		15S	+37.49	LTE	UTE				540HF	540 BOBBIN EXAM
		0.31	7	P 5	VOL		UTS	-9.12	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-9.12	UTS	UTS	0.16	0.14		520HF	SPECIAL INTEREST +P
61	90	0.30	28	P 5	VOL		ETL	-2.88	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.88	UTS	ETL	0.12	0.15		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
61	91	0.41	111	P 2	NDF		LTS	-1.33	LTS	LTS				520HF	SPECIAL INTEREST +P
					NQI		LTE	+22.67	LTE	UTE				510UL	510 BOBBIN EXAM
61	103	0.30	70	P 2	TWD	8	04S	-0.65	04S	04S	WAR			520HF	SPECIAL INTEREST +P
		1.05	92	P 6	INR		07S	+3.69	LTE	UTE				510UL	510 BOBBIN EXAM
		0.21	97	P 1	NQI		04S	-0.66	LTE	UTE				510UL	510 BOBBIN EXAM
61	105	0.21	129	P 2	NDF		10S	-0.02	10S	10S				520HF	SPECIAL INTEREST +P
					NQI		10S	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
61	121	0.26	102	3	NDF		10S	+9.87	10S	10S				520HF	SPECIAL INTEREST +P
					NQI		10S	+10.39	10S	10S				520HF	SPECIAL INTEREST +P
		0.27	112	3	NQI		10S	+9.87	LTE	UTE				510UL	510 BOBBIN EXAM
					NQI		10S	+10.39	LTE	UTE				510UL	510 BOBBIN EXAM
62	7	5.15	177	P 1	DNT		LTE	+11.36	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.36	LTE	LTE				520HF	SPECIAL INTEREST +P
62	9	5.25	176	P 1	DNT		LTE	+11.41	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.41	LTE	LTE				520HF	SPECIAL INTEREST +P
62	20	3.51	175	P 1	DNT		06S	+28.49	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		07S	-10.51	07S	07S				520HF	SPECIAL INTEREST +P
62	28	0.39	15	P 5	VOL		ETL	-1.65	ETL	ETL	0.22	0.17		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.65	ETL	ETL				520HF	KINETIC EXP +POINT
62	30	2.62	177	P 1	DNT		01S	+14.46	01S	01S				520HF	SPECIAL INTEREST +P
		0.38	13	P 5	VOL		ETL	+14.46	UTE	LTE				510UL	510 BOBBIN EXAM
			0	12	CLP		ETL	-0.14	ETL	ETL	0.16	0.11		520HF	KINETIC EXP +POINT
					CLP		ETL	-0.14	ETL	ETL				520HF	KINETIC EXP +POINT
62	39	0.18	78	3	NDF		13S	+16.94	13S	13S				520HF	SPECIAL INTEREST +P
					NQI		13S	+16.94	UTE	LTE				510UL	510 BOBBIN EXAM
62	46	0.14	35	P 5	TWD	3	06S	+0.68	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
62	53	0.19	20	P 4	VOL		ETL	-2.60	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.59	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.32	UTS	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
		0.74	26	P 5	VOL		ETL	+1.10	UTS	ETL	54			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.10	UTS	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
		0.62	22	P 5	VOL		ETL	+2.56	UTS	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.56	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.34	21	P 5	VOL		ETL	+1.76	UTS	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.76	UTS	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
		0.20	17	P 5	VOL		ETL	-0.59	UTS	ETL				520HF	KINETIC EXP +POINT
		0.20	20	P 5	VOL		ETL	-0.32	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.60	UTS	ETL	0.15	0.16		520HF	KINETIC EXP +POINT
62	61	0.13	65	3	NQI		LTS	+1.56	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	+1.56	LTS	LTS				520HF	SPECIAL INTEREST +P
62	64	0.81	11	P 5	VOL		ETL	-0.02	UTS	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
		0.20	14	P 5	VOL		ETL	-0.02	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.37	UTS	ETL	17			520HF	KINETIC EXP +POINT
					CLP		ETL	+3.37	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
62	65	4.62	173	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
62	69	0.54	21	P 5	VOL		ETL	+0.69	ETL	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.69	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.25	16	P 5	VOL		ETL	+1.32	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.32	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.15	13	P 5	VOL		ETL	+3.34	ETL	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.34	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.16	19	P	5	VOL	ETL	+1.29	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+1.29	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
62	74	3.14	174	P	1	DNT	LTS	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
62	75	4.95	162	P	1	DNT	LTS	-0.32	LTE	UTE				510UL	510 BOBBIN EXAM
62	76	3.52	165	P	1	DNT	LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
62	79	0.34	24	P	5	VOL	ETL	+0.03	UTS	ETL	47			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+0.03	UTS	ETL	0.12	0.15		520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+1.80	UTS	ETL	0.11	0.15		520HF	KINETIC EXP +POINT
		0.23	12	P	5	VOL	ETL	+1.80	UTS	ETL	13			520HF	KINETIC EXP +POINT
62	82	2.51	172	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
62	114					NDF	02S	+14.97	02S	02S				520HF	SPECIAL INTEREST +P
						NDF	02S	+8.09	02S	02S				520HF	SPECIAL INTEREST +P
		1.30	7	3	TWD	23	02S	+14.97	LTE	UTE				540HF	540 BOBBIN EXAM
		0.56	7	3	TWD	23	02S	+8.09	LTE	UTE				540HF	540 BOBBIN EXAM
63	2	0.55	100	P	5	TWD	12 11S	-0.28	14S	LTE	WAR			510UL	510 BOBBIN EXAM
63	8	5.61	176	P	1	DNT	LTE	+11.36	UTE	LTE				510UL	510 BOBBIN EXAM
						NDF	LTE	+11.36	LTE	LTE				520HF	SPECIAL INTEREST +P
63	9	7.07	176	P	1	DNT	LTE	+11.30	UTE	LTE				510UL	510 BOBBIN EXAM
63	17	0.46	19	P	5	VOL	ETL	-1.51	ETL	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-1.51	ETL	ETL	0.22	0.22		520HF	KINETIC EXP +POINT
		3.41	8	P	5	VOL	ETL	+2.50	ETL	ETL	6			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+2.50	ETL	ETL	0.16	0.17		520HF	KINETIC EXP +POINT
63	19	0.16	93	3	NQI	08S	08S	+17.25	UTE	LTE				510UL	510 BOBBIN EXAM
						NDF	08S	+17.25	08S	08S				520HF	SPECIAL INTEREST +P
63	23	0.29	13	P	5	VOL	ETL	+0.57	ETL	ETL	15			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+0.57	ETL	ETL	0.17	0.16		520HF	KINETIC EXP +POINT
		0.28	19	P	5	VOL	ETL	+2.76	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+2.76	ETL	ETL	0.11	0.11		520HF	KINETIC EXP +POINT
63	28	2.76	0	P	1	BLG	12S	+27.93	UTE	LTE				510UL	510 BOBBIN EXAM
						NDF	12S	+27.93	12S	13S				520HF	SPECIAL INTEREST +P
63	39		0	12	CLP	ETL	ETL	-0.37	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
		0.25	14	P	5	VOL	ETL	-0.37	ETL	ETL				520HF	KINETIC EXP +POINT
63	40					NDF	05S	-13.92	05S	05S				520HF	SPECIAL INTEREST +P
		0.89	136	3	NQI	04S	04S	+25.08	UTE	LTE				510UL	510 BOBBIN EXAM
63	50	0.78	18	P	5	VOL	ETL	+0.50	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+0.50	ETL	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
		0.81	23	P	5	VOL	ETL	+2.78	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+2.78	ETL	ETL	0.15	0.16		520HF	KINETIC EXP +POINT
63	58					NDF	03S	-13.88	03S	03S				520HF	SPECIAL INTEREST +P
		0.33	93	3	NQI	02S	02S	+25.12	LTE	UTE				510UL	510 BOBBIN EXAM
63	60	0.26	11	P	5	VOL	ETL	+3.18	ETL	ETL	11			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+3.18	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
63	61	0.32	90	P	5	TWD	7 08S	-0.72	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
63	65	3.99	170	P	1	DNT	LTS	-0.21	LTE	UTE				510UL	510 BOBBIN EXAM
63	66	0.17	16	P	5	VOL	ETL	+1.22	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+1.22	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.29	16	P 5	VOL		ETL	+3.35	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.35	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
63	72	0.27	16	P 5	VOL		ETL	+2.78	ETL	ETL	22			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+2.78	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
63	73	1.59	88	6	ADI		13S	+26.53	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		14S	-9.47	14S	14S				520HF	SPECIAL INTEREST +P
63	75	0.73	28	P 5	VOL		ETL	-0.45	ETL	ETL	0.16	0.20		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.45	ETL	ETL				520HF	KINETIC EXP +POINT
		0.32	17	P 5	VOL		ETL	-0.88	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.88	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
63	76				NDF		LTS	+2.89	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.25	84	P 2	NQI		LTS	+2.89	LTE	UTE				510UL	510 BOBBIN EXAM
63	80				NDF		LTS	+2.79	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.22	92	P 2	NQI		LTS	+2.79	LTE	UTE				510UL	510 BOBBIN EXAM
63	82	0.32	7	P 5	VOL		ETL	+0.73	ETL	ETL	5			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.73	ETL	ETL	0.21	0.20		520HF	KINETIC EXP +POINT
		0.37	16	P 5	VOL		ETL	+3.54	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.54	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		2.78	172	P 1	DNT		LTS	-0.17	LTE	UTE				510UL	510 BOBBIN EXAM
63	83	2.50	172	P 1	DNT		LTE	+22.73	LTE	UTE				510UL	510 BOBBIN EXAM
63	84	2.83	168	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
63	95				NDF		09S	+19.24	09S	09S				520HF	SPECIAL INTEREST +P
		0.86	79	6	ADI		09S	+19.24	LTE	UTE				510UL	510 BOBBIN EXAM
63	109				NDF		LTS	+16.55 TO+18.48	LTS	LTS				520HF	SPECIAL INTEREST +P
		5.54	183	3	IDC		LTS	+16.55 TO+18.48	LTE	UTE				510UL	510 BOBBIN EXAM
63	126	0.48	11	3	TWD 37		15S	+22.97	LTE	UTE				540HF	540 BOBBIN EXAM
		2.90	172	P 1	DNT		LTE	+8.44	LTE	UTE				540HF	540 BOBBIN EXAM
		0.99	18	P 5	VOL		UTS	-23.91	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-23.91	UTS	UTS	0.22	0.18		520HF	SPECIAL INTEREST +P
64	18	0.60	18	P 5	VOL		ETL	-1.12	ETL	ETL	0.27	0.17		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.12	ETL	ETL				520HF	KINETIC EXP +POINT
64	30	2.81	172	P 1	DNT		09S	+8.09	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		09S	+8.09	09S	09S				520HF	SPECIAL INTEREST +P
64	60				NDF		06S	-1.84	06S	06S				520HF	SPECIAL INTEREST +P
		0.69	108	3	NQI		05S	+35.16	LTE	UTE				510UL	510 BOBBIN EXAM
		0.25	14	P 5	VOL		ETL	-1.93	UTS	ETL				520HF	KINETIC EXP +POINT
		1.25	30	P 5	SCI		ETL	+1.16	UTS	ETL	71			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.93	UTS	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
		0.21	39	P 5	ARC		ETL	+1.16	UTS	ETL				520HF	KINETIC EXP +POINT
64	62	0.62	36	P 2	NQI		LTS	-0.28	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	-0.28	LTS	LTS				520HF	SPECIAL INTEREST +P
64	66	0.50	22	P 5	VOL		UTS	-6.82	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-6.82	UTS	UTS	0.14	0.11		520HF	SPECIAL INTEREST +P
		0.30	86	P 2	INR		LTS	-0.38	LTS	UTE				540HF	540 BOBBIN EXAM
		0.40	7	3	TWD 23		15S	+39.72	LTS	UTE				540HF	540 BOBBIN EXAM
		0.34	87	P 2	INR		LTS	-0.55	LTE	UTE				510SN	540 BOBBIN EXAM
		0.34	5	3	BV		15S	+39.73	LTE	UTE				510SN	540 BOBBIN EXAM
64	74	0.87	29	P 5	VOL		ETL	-2.82	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.82	UTS	ETL	0.27	0.15		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.02	UTS	ETL	0.11	0.05		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.19	5	P 5	VOL		ETL	+0.02	UTS	ETL	5			520HF	KINETIC EXP +POINT
64	85	0.82	26	P 5	VOL		ETL	+0.29	ETL	ETL	63			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.29	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.42	23	P 5	VOL		ETL	-1.88	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.88	ETL	ETL	0.16	0.35		520HF	KINETIC EXP +POINT
		0.36	19	P 5	VOL		ETL	-2.99	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.99	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
		0.90	19	P 5	VOL		ETL	+5.09	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-5.09	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
64	96				NDF		LTS	-11.85	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.24	126	P 2	NQI		LTE	-12.13	LTE	UTE				510UL	510 BOBBIN EXAM
64	123				NDF		10S	-0.25	LTS	10S				520HF	SPECIAL INTEREST +P
		0.24	88	P 1	NQI		10S	-0.25	LTS	UTE				510UL	510 BOBBIN EXAM
64	127	2.79	172	P 1	DNT		LTE	-11.00	LTS	UTE				510UL	510 BOBBIN EXAM
64	129	0.63	6	3	TWD 20		UTS	-0.41	LTS	UTE				540HF	540 BOBBIN EXAM
		0.72	15	P 5	VOL		UTS	-0.22	LTS	UTE				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-0.22	LTS	UTE	0.16	0.14		520HF	SPECIAL INTEREST +P
		0.82	16	P 5	VOL		UTS	+1.40	LTS	UTE				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-1.40	LTS	UTE	0.16	0.14		520HF	SPECIAL INTEREST +P
65	2	0.31	49	P 1	INR		13S	-0.00	LTS	UTE				510UL	510 BOBBIN EXAM
65	64	0.24	14	P 5	VOL		ETL	-0.00	LTS	UTE				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.00	LTS	UTE	0.16	0.15		520HF	KINETIC EXP +POINT
		0.25	17	P 5	VOL		ETL	-1.40	LTS	UTE				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.40	LTS	UTE	0.16	0.15		520HF	KINETIC EXP +POINT
		2.82	168	P 1	DNT		LTS	+0.00	LTS	UTE				510UL	510 BOBBIN EXAM
65	67	3.48	162	P 1	DNT		LTS	-0.00	LTS	UTE				510UL	510 BOBBIN EXAM
65	68	0.27	20	P 5	VOL		ETL	+1.50	LTS	33				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.50	LTS	UTE	0.16	0.15		520HF	KINETIC EXP +POINT
		3.78	164	P 1	DNT		LTS	-0.00	LTS	UTE				510UL	510 BOBBIN EXAM
65	69	7.62	166	P 1	DNT		LTS	+0.00	LTS	UTE				510UL	510 BOBBIN EXAM
65	70	7.07	165	P 1	DNT		LTS	-0.00	LTS	UTE				510UL	510 BOBBIN EXAM
65	71	4.35	165	P 1	DNT		LTS	+0.00	LTS	UTE				510UL	510 BOBBIN EXAM
65	81				NDF		LTS	-7.83	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.14	94	P 2	NQI		LTE	+16.17	LTS	UTE				510UL	510 BOBBIN EXAM
65	85	2.78	165	P 1	DNT		LTS	+0.02	LTS	UTE				510UL	510 BOBBIN EXAM
65	86				NDF		LTS	+2.17	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.42	112	3	NQI		LTS	+2.17	LTS	UTE				510UL	510 BOBBIN EXAM
65	93	0.69	14	P 5	VOL		ETL	+0.30	ETL	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.30	ETL	ETL	0.16	0.20		520HF	KINETIC EXP +POINT
		1.33	27	P 5	VOL		ETL	+4.25	ETL	ETL	58			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.25	ETL	ETL	0.27	0.20		520HF	KINETIC EXP +POINT
65	94	0.35	33	P 5	VOL		UTS	-1.70	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-1.70	UTS	UTS	0.16	0.14		520HF	SPECIAL INTEREST +P
		0.14	21	P 5	VOL		UTS	-3.80	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-3.80	UTS	UTS	0.16	0.14		520HF	SPECIAL INTEREST +P
		0.36	10	3	BVC		15S	+35.71	LTE	UTE				540HF	540 BOBBIN EXAM
		0.16	6	3	BVC		15S	+42.54	LTE	UTE				540HF	540 BOBBIN EXAM
		0.15	7	3	BVC		15S	+44.74	LTE	UTE				540HF	540 BOBBIN EXAM
		0.15	16	P 5	VOL		UTS	-4.01	UTS	UTS				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		UTS	-4.01	UTS	UTS	0.16	0.14		520HF	SPECIAL INTEREST +P
	0.28		11	P 5	VOL		UTS	-9.44	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-9.44	UTS	UTS	0.16	0.14		520HF	SPECIAL INTEREST +P
	0.40		14	P 5	VOL		UTS	-10.96	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-10.96	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
	0.20		9	P 5	VOL		UTS	-11.56	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-11.56	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
65	104	0.14	22	P 5	VOL		ETL	-1.13	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.13	UTS	ETL	0.14	0.12		520HF	KINETIC EXP +POINT
65	127	1.21	21	P 5	VOL		ETL	+3.61	UTS	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.61	UTS	ETL	0.20	0.19		520HF	KINETIC EXP +POINT
65	130				NDF		15S	-0.65	15S	15S				520HF	SPECIAL INTEREST +P
	2.56		179	P 1	DNT		15S	-0.65	LTE	UTE				510UL	510 BOBBIN EXAM
	4.40		172	P 1	DNT		LTE	+10.28	LTE	UTE				510UL	510 BOBBIN EXAM
	3.45		172	P 1	DNT		LTE	+11.12	LTE	UTE				510UL	510 BOBBIN EXAM
66	6	0.92	40	P 5	PID		LTE	+0.07	LTE	LTE				520HF	LTE ROLL +POINT
		0.23	43	P 5	ARC		LTE	+0.07	LTE	LTE				520HF	LTE ROLL +POINT
		1.03	17	P 5	SCI		LTE	+0.07	LTE	LTE		LAR		520HF	LTE ROLL +POINT
		1.08	30	P 5	PID		LTE	+0.07	LTE	LTE				520HF	LTE ROLL +POINT
66	7	1.14	30	P 5	PID		LTE	+0.16	LTE	LTE				520HF	LTE ROLL +POINT
		0.25	47	P 5	ARC		LTE	+0.16	LTE	LTE				520HF	LTE ROLL +POINT
		1.15	33	P 5	SCI		LTE	+0.16	LTE	LTE		LAR		520HF	LTE ROLL +POINT
66	12	0.24	99	P 2	NQI		LTE	+14.53	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTS	-9.47	LTS	LTS				520HF	SPECIAL INTEREST +P
66	20	0.13	23	P 5	VOL		ETL	-1.06	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.06	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.84	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
	0.47		23	P 5	VOL		ETL	+3.84	ETL	ETL	43			520HF	KINETIC EXP +POINT
	1.51		30	P 5	VOL		ETL	+4.55	ETL	ETL	71			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.55	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
	0.51		22	P 5	VOL		ETL	+3.54	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.54	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
66	26	0.53	20	P 5	VOL		ETL	-0.14	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.14	ETL	ETL	0.22	0.17		520HF	KINETIC EXP +POINT
66	29	1.12	60	6	ADI		11S	+22.93	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		12S	-15.07	12S	12S				520HF	SPECIAL INTEREST +P
66	61				NDF		06S	-12.87	06S	06S				520HF	SPECIAL INTEREST +P
					NDF		06S	-6.76	06S	06S				520HF	SPECIAL INTEREST +P
	2.82		185	P 1	DNT		05S	+24.13	LTE	UTE				510UL	510 BOBBIN EXAM
	2.76		184	P 1	DNT		05S	+30.24	LTE	UTE				510UL	510 BOBBIN EXAM
66	64	0.15	16	P 5	VOL		ETL	-0.29	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.29	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
66	66	5.32	178	P 1	DNT		LTE	+17.33	LTE	UTE				510UL	510 BOBBIN EXAM
		2.97	177	P 1	DNT		LTE	+18.90	LTE	UTE				510UL	510 BOBBIN EXAM
66	67	7.31	163	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
66	68	10.41	166	P 1	DNT		LTS	-0.06	LTE	UTE				510UL	510 BOBBIN EXAM
66	69	13.98	167	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
66	70	22.45	169	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
66	71				NDF		LTS	-0.49	LTS	LTS				520HF	SPECIAL INTEREST +P
	14.12		167	P 1	DNT		LTS	+0.06	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.39	141	P 2	NQI		LTS	-0.49	LTE	UTE				510UL	510 BOBBIN EXAM
66	72	6.79	166	P 1	DNT		LTS	+0.06	LTE	UTE				510UL	510 BOBBIN EXAM
66	73				NDF		LTS	-0.56	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.40	122	P 2	NQI		LTS	-0.56	LTE	UTE				510UL	510 BOBBIN EXAM
		3.99	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
66	83	0.60	74	P 1	INR		LTS	-0.30	LTE	UTE				510UL	510 BOBBIN EXAM
66	84	3.36	171	P 1	DNT		LTS	-0.17	LTE	UTE				510UL	510 BOBBIN EXAM
66	85	4.43	160	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
66	86				NDF		LTS	+2.19	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.64	81	3	NQI		LTS	+2.19	LTE	UTE				510UL	510 BOBBIN EXAM
		10.55	165	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
66	126	2.43	168	P 1	INR		LTE	+11.06	LTE	UTE				510UL	510 BOBBIN EXAM
66	127	3.45	175	P 1	DNT		LTE	+10.75	LTE	UTE				540HF	540 BOBBIN EXAM
		0.57	8	3	TWD 27		15S	+44.96	LTE	UTE				540HF	540 BOBBIN EXAM
		1.02	23	P 5	VOL		UTS	-1.55	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-1.55	UTS	UTS	0.15	0.23		520HF	SPECIAL INTEREST +P
67	2				NDF		LTE	+10.77	LTE	LTE				520HF	SPECIAL INTEREST +P
		5.80	174	P 1	DNT		LTE	-10.77	14S	LTE				510UL	510 BOBBIN EXAM
67	7				INF		15S	+16.74	UTE	LTE	HR			510UL	510 BOBBIN EXAM
67	40				NDF		12S	+12.52	12S	12S				520HF	SPECIAL INTEREST +P
		3.11	178	P 1	DNT		12S	+12.52	UTE	LTE				510UL	510 BOBBIN EXAM
67	58	0.25	14	P 5	VOL		ETL	-0.32	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.32	UTS	ETL	0.21	0.20		520HF	KINETIC EXP +POINT
67	66	3.28	170	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
67	67	4.96	159	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
67	68	0.48	26	P 5	VOL		ETL	+2.45	ETL	ETL	54			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.45	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		5.77	166	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
67	69	16.84	169	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
		0.20	33	P 2	INR		LTE	+16.85	LTE	UTE				510UL	510 BOBBIN EXAM
67	71	28.46	168	P 1	DNT		LTS	+0.13	LTE	UTE				510UL	510 BOBBIN EXAM
67	72	8.87	167	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
67	73	3.72	177	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
67	84	2.81	160	P 1	DNT		LTS	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
67	85	9.68	167	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
67	86	8.44	166	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
67	90	0.91	8	3	TWD 27		11S	+14.09	LTE	UTE				540HF	540 BOBBIN EXAM
					NDF		11S	+14.09	11S	11S				520HF	SPECIAL INTEREST +P
67	93	0.16	20	P 5	VOL		UTS	-9.99	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-9.99	UTS	UTS	0.16	0.14		520HF	SPECIAL INTEREST +P
		0.45	9	3	TWD 30		15S	+35.75	LTE	UTE				540HF	540 BOBBIN EXAM
		0.21	5	P 5	VOL		UTS	-12.32	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-12.32	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	ITW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.40	15	P 5	VOL		UTS	-10.98	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-10.98	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
		0.39	16	P 5	VOL		UTS	-10.42	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-10.42	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
67	105	0.24	16	P 5	VOL		ETL	+2.31	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.31	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
67	123				NDF		LTS	-9.61	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.18	99	P 2	NQI		LTE	+14.39	LTE	UTE				510UL	510 BOBBIN EXAM
67	126				NDF		12S	-0.27	12S	12S				520HF	SPECIAL INTEREST +P
		5.16	173	P 1	DNT		LTE	+4.33	LTE	UTE				510UL	510 BOBBIN EXAM
		0.16	82	P 1	NQI		12S	-0.27	LTE	UTE				510UL	510 BOBBIN EXAM
		0.45	181	P 1	INR		LTE	+11.03	LTE	UTE				510UL	510 BOBBIN EXAM
67	130				NDF		15S	-0.63	15S	15S				520HF	SPECIAL INTEREST +P
		5.30	174	P 1	DNT		LTE	+10.35	UTE	LTE				510SN	540 BOBBIN EXAM
		3.99	169	P 1	DNT		15S	-0.63	UTE	LTE				510SN	540 BOBBIN EXAM
		0.52	7	P 2	TWD	23	UTS	+0.67	UTE	LTE				510SN	540 BOBBIN EXAM
		4.14	174	P 1	DNT		15S	-0.57	LTS	UTE				540HF	540 BOBBIN EXAM
		0.51	4	P 2	INR		UTS	+0.89	LTS	UTE				540HF	540 BOBBIN EXAM
		0.58	13	P 5	VOL		ETL	-3.33	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-3.33	UTS	ETL	0.16	0.25		520HF	KINETIC EXP +POINT
		0.69	24	P 5	VOL		ETL	-3.30	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-3.30	UTS	ETL	0.12	0.19		520HF	KINETIC EXP +POINT
		0.18	27	P 5	VOL		ETL	-2.64	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.64	UTS	ETL	0.12	0.19		520HF	KINETIC EXP +POINT
		0.38	15	P 5	VOL		ETL	+3.21	UTS	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.21	UTS	ETL	0.08	0.19		520HF	KINETIC EXP +POINT
		0.38	18	P 5	VOL		UTS	+1.00	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+1.00	UTS	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-4.05	UTS	ETL	0.16	0.25		520HF	KINETIC EXP +POINT
		0.46	23	P 5	VOL		ETL	-4.05	UTS	ETL				520HF	KINETIC EXP +POINT
68	1				NDF		LTE	+10.91	LTE	LTE				520HF	SPECIAL INTEREST +P
		8.80	176	P 1	DNT		LTE	+10.91	14S	LTE				510UL	510 BOBBIN EXAM
68	2				NDF		LTE	+10.92	LTE	LTE				520HF	SPECIAL INTEREST +P
		6.90	174	P 1	DNT		LTE	+10.92	14S	LTE				510UL	510 BOBBIN EXAM
68	7	0.33	43	2	PID		LSE	-1.72	LSE	LSE				520HF	SPECIAL INTEREST +P
		0.38	0	2	LEN		LSE	-1.72	LSE	MSR				400PP	SLEEVE +POINT
		1.89	109	2	SAI		LSE	-1.72	LSE	MSR	TUB	LAR		400PP	SLEEVE +POINT
		0.59	32	P 5	SCI		LTE	+0.18	LTE	LTE				520HF	LTE ROLL +POINT
		0.16	30	P 5	ARC		LTE	+0.18	LTE	LTE				520HF	LTE ROLL +POINT
		0.59	41	P 5	PID		LTE	+0.18	LTE	LTE				520HF	LTE ROLL +POINT
68	10	0.87	24	P 5	PID		LTE	+0.10	LTE	LTE				520HF	LTE ROLL +POINT
		0.15	28	P 5	ARC		LTE	+0.10	LTE	LTE				520HF	LTE ROLL +POINT
		2.45	27	P 5	SCI		LTE	+0.10	LTE	LTE			LAR	520HF	LTE ROLL +POINT
68	11	0.15	85	3	NQI		15S	+9.65	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		15S	+9.65	15S	15S				520HF	SPECIAL INTEREST +P
68	51	0.39	26	P 5	VOL		ETL	+1.07	ETL	ETL	54			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.07	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
		0.43	19	P 5	VOL		ETL	+4.07	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.07	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
68	53	0.58	19	P 5	VOL		ETL	+1.04	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.04	ETL	ETL	0.20	0.20		520HF	KINETIC EXP +POINT
68	60		0	12	CLP		ETL	+2.76	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.26	11	P 5	VOL		ETL	+2.76	ETL	ETL	11			520HF	KINETIC EXP +POINT
68	66	86.62	175	P 1	DNT		LTS	+0.50	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		49.04	174	P 1	DNT		LTS	-0.97						510UL	510 BOBBIN EXAM
		49.04	174	P 1	DNT		LTE	+0.60	TO+21.00					510UL	510 BOBBIN EXAM
		49.03	174	P 1	PTP		LTE	+0.08	TO+22.27					510UL	510 BOBBIN EXAM
		49.03	174	P 1	PID		LTE	+0.08	TO+22.27	LTE UTE	CAL24	1R14		510UL	510 BOBBIN EXAM
68	67				NDF		LTS	-0.37						520HF	SPECIAL INTEREST +P
		0.16	82	P 2	NQI		LTS	-0.37						510UL	510 BOBBIN EXAM
68	71	13.71	168	P 1	DNT		LTS	+0.19						510UL	510 BOBBIN EXAM
68	72	13.98	165	P 1	DNT		LTS	+0.11						510UL	510 BOBBIN EXAM
68	73	6.73	164	P 1	DNT		LTS	-0.04						510UL	510 BOBBIN EXAM
68	80				NDF		13S	+15.12						520HF	SPECIAL INTEREST +P
		1.19	88	6	ADI		13S	+15.12						510UL	510 BOBBIN EXAM
68	81	0.37	119	3	NQI		01S	+23.12						510UL	510 BOBBIN EXAM
		0.51	20	P 5	VOL		ETL	+1.44		33				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.44		0.16	0.15			520HF	KINETIC EXP +POINT
		0.49	17	P 5	VOL		ETL	+1.65		25				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.65		0.16	0.15			520HF	KINETIC EXP +POINT
		0.32	15	P 5	VOL		ETL	+2.34		20				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.34		0.16	0.15			520HF	KINETIC EXP +POINT
					NDF		02S	-14.88		02S	02S			520HF	SPECIAL INTEREST +P
68	85	2.10	34	P 5	SCI		ETL	+1.86		91				520HF	KINETIC EXP +POINT
		0.24	45	P 5	ARC		ETL	+1.86						520HF	KINETIC EXP +POINT
		1.05	26	P 5	VOL		ETL	+2.55		54				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.55		0.22	0.15			520HF	KINETIC EXP +POINT
		1.56	22	P 5	VOL		ETL	+3.32		40				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.32		0.22	0.15			520HF	KINETIC EXP +POINT
		0.63	17	P 5	VOL		ETL	+4.55		25				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.55		0.16	0.15			520HF	KINETIC EXP +POINT
		0.65	19	P 5	VOL		ETL	+3.63		30				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.63		0.16	0.15			520HF	KINETIC EXP +POINT
68	86	6.01	162	P 1	DNT		LTS	+0.00						510UL	510 BOBBIN EXAM
68	91	0.33	16	P 5	VOL		ETL	+1.36		22				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.36		0.16	0.10			520HF	KINETIC EXP +POINT
68	92	0.32	16	P 5	VOL		ETL	+2.85		22				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.85		0.16	0.15			520HF	KINETIC EXP +POINT
68	93	0.34	22	P 5	VOL		ETL	-0.99						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.99		0.16	0.15			520HF	KINETIC EXP +POINT
68	105	0.49	14	P 5	VOL		ETL	+1.84		17				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.84		0.16	0.15			520HF	KINETIC EXP +POINT
68	124	2.56	176	P 1	DNT		LTE	+10.19						510UL	510 BOBBIN EXAM
		0.25	9	P 5	VOL		ETL	+1.21		8				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.21		0.19	0.23			520HF	KINETIC EXP +POINT
68	127				NDF		11S	-0.38						520HF	SPECIAL INTEREST +P
		0.18	90	P 1	NQI		11S	-0.38						510UL	510 BOBBIN EXAM
		5.90	173	P 1	DNT		LTE	+10.96						510UL	510 BOBBIN EXAM
69	14	0.87	39	P 5	PID		LTE	+0.08						520HF	LTE ROLL +POINT
		0.19	35	P 5	ARC		LTE	+0.08						520HF	LTE ROLL +POINT
		1.11	15	P 5	SCI		LTE	+0.08			LAR			520HF	LTE ROLL +POINT
		1.09	29	P 5	PID		LTE	+0.08						520HF	LTE ROLL +POINT
69	17	3.87	184	P 1	DNT		LTS	+25.31						510UL	510 BOBBIN EXAM
					NDF		01S	-20.69						520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
69	20	0.77	30	P 5	VOL		ETL -0.15	ETL	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -0.15	ETL	ETL	0.17		0.17		520HF	KINETIC EXP +POINT
69	44	0.26	14	2	VOL		ETL -0.14	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -4.84	UTS	ETL	0.15		0.10		520HF	KINETIC EXP +POINT
		0.42	19	P 5	VOL		ETL -4.64	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -0.14	UTS	ETL	0.15		0.16		520HF	KINETIC EXP +POINT
69	68	0.43	71	P 2	TWD 10	07S	-0.13	07S	07S	WAR				520HF	SPECIAL INTEREST +P
		0.20	81	P 1	NQI	07S	-0.13	LTE	UTE					510UL	510 BOBBIN EXAM
		0.31	122	3	INR	LTS	+6.60	LTE	UTE					510UL	510 BOBBIN EXAM
69	71	0.21	17	3	INR	13S	-4.73	LTE	UTE					510UL	510 BOBBIN EXAM
69	73	5.46	161	P 1	DNT	LTS	+0.04	LTE	UTE					510UL	510 BOBBIN EXAM
69	85	3.30	164	P 1	DNT	LTS	-0.13	LTE	UTE					510UL	510 BOBBIN EXAM
69	87	5.74	161	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
69	107	0.24	21	P 5	VOL		ETL -0.14	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -0.14	ETL	ETL					520HF	KINETIC EXP +POINT
69	112				NDF	07S	-4.84	LTE	UTE					520HF	SPECIAL INTEREST +P
		0.63	8	3	TWD 27	06S	-34.11	LTE	UTE					540HF	540 BOBBIN EXAM
		0.63	6	3	TWD 20	06S	+38.11	LTE	UTE					510UL	510 BOBBIN EXAM
69	117				NDF	10S	-14.11	LTE	UTE					520HF	SPECIAL INTEREST +P
		0.74	89	6	ADI	09S	-28.11	LTE	UTE					510UL	510 BOBBIN EXAM
70	1	0.62	89	P 1	NQI	14S	-0.14	LTE	UTE					510UL	510 BOBBIN EXAM
		1.00	70	P 2	TWD 25	14S	-0.14	LTE	UTE	WAR				520HF	SPECIAL INTEREST +P
70	25	2.61	177	P 1	DNT	09S	+28.11	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	10S	-10.11	LTE	UTE					520HF	SPECIAL INTEREST +P
70	28	0.56	77	6	ADI	08S	+33.11	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	09S	-5.88	LTE	UTE					520HF	SPECIAL INTEREST +P
70	30	0.69	19	P 5	VOL		ETL +0.00	ETL	ETL	30				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -0.00	ETL	ETL	0.17		0.16		520HF	KINETIC EXP +POINT
70	34	0.52	79	P 5	TWD 13	09S	+0.71	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
70	48		0	12	CLP		ETL -0.33	LTE	UTE	0.15		0.15		520HF	KINETIC EXP +POINT
		0.46	7	P 5	VOL		ETL -0.33	LTE	UTE					520HF	KINETIC EXP +POINT
70	57				NDF	UTS	+1.00	LTE	UTE					520HF	SPECIAL INTEREST +P
		0.24	116	3	NQI	UTS	+1.00	LTE	UTE					510UL	510 BOBBIN EXAM
70	66	0.31	95	P 5	TWD 7	12S	-0.69	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
			0	12	CLP		ETL +1.53	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
		0.24	13	P 5	VOL		ETL +1.53	ETL	ETL	15				520HF	KINETIC EXP +POINT
70	70		0	12	CLP		ETL -0.57	ETL	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
		0.16	9	P 5	VOL		ETL -0.57	ETL	ETL					520HF	KINETIC EXP +POINT
70	79	0.30	115	3	INR	LTS	+43.46	LTE	UTE					510UL	510 BOBBIN EXAM
70	81	0.32	24	P 5	VOL		ETL +0.22	UTS	ETL	47				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +0.22	UTS	ETL	0.16		0.15		520HF	KINETIC EXP +POINT
		0.16	40	P 5	VOL		ETL -0.85	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -0.85	UTS	ETL	0.14		0.13		520HF	KINETIC EXP +POINT
70	84	0.75	109	3	NQI	LTS	+2.93	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	LTS	+2.83	LTS	LTS					520HF	LTS-KIDNEY +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
70	85	3.22	169	P 1	DNT		LTS	+0.00	LTE	UTE				510JL	510 BOBBIN EXAM
70	86	3.46	170	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
70	87	6.87	163	P 1	DNT		LTS	+0.00	LTE	UTE				510JL	510 BOBBIN EXAM
70	86	0.22	9	3	BVC		15S	+37.43	LTE	UTE				540HF	540 BOBBIN EXAM
		0.32	5	3	BVC		15S	+40.00	LTE	UTE				540HF	540 BOBBIN EXAM
		0.16	21	P 5	VOL		UTS	-9.26	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-9.26	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.21	7	P 5	VOL		UTS	-6.55	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-6.55	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
70	105	0.30	110	P 5	TWD 7		06S	-0.66	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
70	106	0.34	19	P 5	VOL		ETL	+2.53	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.53	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
70	111				NDF		LTS	-6.42	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.80	132	3	NQI		LTE	+17.56	LTE	UTE				510UL	510 BOBBIN EXAM
70	124	0.22	89	P 2	TWD 7		12S	-0.56	12S	12S	WAR			520HF	SPECIAL INTEREST +P
		4.66	173	P 1	DNT		LTE	+9.49	LTE	UTE				510UL	510 BOBBIN EXAM
		0.24	70	P 5	NQI		12S	-0.72	LTE	UTE				510JL	510 BOBBIN EXAM
		0.49	22	P 5	VOL		ETL	-1.67	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.67	UTS	ETL	0.16	0.20		520HF	KINETIC EXP +POINT
71	1	7.84	191	1	DNT		MSR	+3.61	LSE	USE				400UL	SLEEVE BOBBIN
		4.00	191	1	DNT		MSR	+10.77	LSE	USE				400JL	SLEEVE BOBBIN
					NDF		MSR	+3.61	MSR	MSR				400PP	SPECIAL INTEREST +P
					NDF		MSR	+10.77	MSR	MSR				400PP	SPECIAL INTEREST +P
		9.27	176	P 1	DNT		LTE	+10.50	14S	LTE				510UL	510 BOBBIN EXAM
71	2	4.20	174	P 1	DNT		LTE	+10.33	14S	LTE				510UL	510 BOBBIN EXAM
		5.65	172	P 1	DNT		LTE	+11.40	14S	LTE				510UL	510 BOBBIN EXAM
71	15	0.21	76	P 5	TWD 4		05S	-0.76	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
71	27	0.20	101	P 5	TWD 4		10S	-0.83	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
71	28	0.22	86	P 5	TWD 6		11S	+0.67	UTE	LTE	WAR			510JL	510 BOBBIN EXAM
71	40				NDF		03S	+11.65	03S	03S				520HF	SPECIAL INTEREST +P
		1.26	78	6	ADI		03S	+11.65	UTE	LTE				510UL	510 BOBBIN EXAM
71	44		0	12	CLP		ETL	-1.49	UTS	ETL	0.05	0.05		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.35	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.90	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.69	26	P 5	VOL		ETL	+4.07	UTS	ETL	54			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.07	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.20	7	P 5	VOL		ETL	-1.49	UTS	ETL				520HF	KINETIC EXP +POINT
		0.16	10	P 5	VOL		ETL	-1.35	UTS	ETL				520HF	KINETIC EXP +POINT
		0.26	26	P 5	VOL		ETL	-0.90	UTS	ETL				520HF	KINETIC EXP +POINT
		0.43	19	P 5	VOL		ETL	-0.37	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.37	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
71	48	0.28	79	P 5	TWD 7		09S	-0.80	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
71	70	0.19	71	P 5	NQI		15S	+0.73	LTE	UTE				510UL	510 BOBBIN EXAM
		0.31	77	P 2	TWD 8		15S	+0.73	15S	15S	WAR			520HF	SPECIAL INTEREST +P
71	73		0	12	CLP		ETL	+1.01	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.28	17	P 5	VOL		ETL	+1.01	ETL	ETL	25			520HF	KINETIC EXP +POINT
71	78	0.29	18	P 5	VOL		ETL	+0.01	ETL	ETL	27			520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		ETL	+0.01	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
71	79	0.32	97	3	NQI		LTS	+43.35	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		01S	-2.65	01S	01S				520HF	SPECIAL INTEREST +P
71	81				NDF		01S	-3.21	01S	01S				520HF	SPECIAL INTEREST +P
		0.22	124	3	NQI		LTS	+42.79	LTE	UTE				510UL	510 BOBBIN EXAM
71	84	0.19	118	P 1	INR		13S	-0.91	LTE	UTE				510UL	510 BOBBIN EXAM
		0.49	87	3	INR		LTS	+2.46	LTE	UTE				510UL	510 BOBBIN EXAM
71	86	6.11	156	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
71	121	0.22	86	P 2	TWD 7		06S	-0.64	06S	06S	WAR			520HF	SPECIAL INTEREST +P
		0.17	70	P 1	NQI		06S	-0.74	LTE	UTE				510UL	510 BOBBIN EXAM
71	123	0.71	19	P 5	VOL		ETL	-0.29	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.29	UTS	ETL	0.20	0.13		520HF	KINETIC EXP +POINT
71	125	0.54	80	1	MEM		14S	-12.21	14S	14S	HR			520HF	SPECIAL INTEREST +P
		5.84	174	P 1	DNT		LTE	+11.22	LTE	UTE				510UL	510 BOBBIN EXAM
		1.11	79	6	ADI		13S	+23.54	LTE	UTE				510UL	510 BOBBIN EXAM
72	2				NDF		LTE	+11.13	LTE	LTE				520HF	SPECIAL INTEREST +P
		2.79	173	P 1	DNT		LTE	+10.22	14S	LTE				510UL	510 BOBBIN EXAM
		5.97	173	P 1	DNT		LTE	+11.13	14S	LTE				510UL	510 BOBBIN EXAM
72	3	0.24	96	P 2	INR		LTE	+13.59	14S	LTE				510UL	510 BOBBIN EXAM
72	11	0.15	70	P 5	TWD 4		09S	-0.46	14S	LTE	WAR			510UL	510 BOBBIN EXAM
72	25	0.08	60	P 2	NQI		11S	+0.22	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		11S	+0.22	11S	11S				520HF	SPECIAL INTEREST +P
72	28	0.40	19	P 5	VOL		ETL	+0.44	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.44	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
72	29	0.66	25	P 5	VOL		ETL	-1.10	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.10	ETL	ETL	0.16	0.17		520HF	KINETIC EXP +POINT
72	30	0.35	17	P 5	VOL		ETL	+2.78	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.78	ETL	ETL	0.11	0.11		520HF	KINETIC EXP +POINT
		1.05	23	P 5	VOL		ETL	+4.50	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.50	ETL	ETL	0.11	0.16		520HF	KINETIC EXP +POINT
72	31	0.43	14	P 5	VOL		ETL	-0.92	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.92	ETL	ETL	0.10	0.16		520HF	KINETIC EXP +POINT
		0.81	26	P 5	VOL		ETL	+1.15	ETL	ETL	54			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.15	ETL	ETL	0.20	0.10		520HF	KINETIC EXP +POINT
72	38		0	12	CLP		ETL	+2.19	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
		0.35	25	P 5	VOL		ETL	+2.19	ETL	ETL	25			520HF	KINETIC EXP +POINT
72	45	0.65	21	P 5	VOL		ETL	+2.94	ETL	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.94	ETL	ETL	0.20	0.05		520HF	KINETIC EXP +POINT
72	47	0.46	22	P 5	VOL		ETL	-1.08	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.08	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.44	18	P 5	VOL		ETL	-0.82	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.82	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		1.38	25	P 5	VOL		ETL	+3.16	ETL	ETL	51			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.16	ETL	ETL	0.20	0.10		520HF	KINETIC EXP +POINT
72	50		0	12	CLP		ETL	+2.87	ETL	ETL	0.20	0.15		520HF	KINETIC EXP +POINT
		1.08	27	P 5	VOL		ETL	+2.87	ETL	ETL	58			520HF	KINETIC EXP +POINT
		0.37	20	P 5	VOL		ETL	+1.51	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.51	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	1/2 TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
72	52	0.21	25	P 5	VOL		ETL	+1.43	ETL	ETL	51			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.43	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
72	53	0.34	14	P 5	VOL		ETL	+1.88	ETL	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.88	ETL	ETL	0.15	0.16		520HF	KINETIC EXP +POINT
		0.22	9	P 5	VOL		ETL	+3.05	ETL	ETL	8			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.05	ETL	ETL	0.10	0.16		520HF	KINETIC EXP +POINT
		1.02	21	P 5	VOL		ETL	+4.46	ETL	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.46	ETL	ETL	0.15	0.16		520HF	KINETIC EXP +POINT
72	54	0.80	23	P 5	VOL		ETL	-0.11	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.11	ETL	ETL	0.22	0.16		520HF	KINETIC EXP +POINT
		0.47	25	P 5	VOL		ETL	+1.35	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.35	ETL	ETL	0.17	0.16		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.27	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-6.50	UTS	ETL	0.15	0.05		520HF	KINETIC EXP +POINT
		0.54	21	P 5	VOL		ETL	-6.50	UTS	ETL				520HF	KINETIC EXP +POINT
		0.48	27	P 5	VOL		ETL	-2.27	UTS	ETL				520HF	KINETIC EXP +POINT
72	64	0.39	48	P 2	TWD 11		05S	-0.86	05S	05S	WAR			520HF	SPECIAL INTEREST +P
		0.18	103	P 5	NQI		05S	-0.82	LTE	UTE				510UL	510 BOBBIN EXAM
72	65	0.17	68	P 2	TWD 5		14S	-0.76	14S	14S	WAR			520HF	SPECIAL INTEREST +P
		0.16	96	P 1	NQI		14S	-0.76	LTE	UTE				510UL	510 BOBBIN EXAM
72	67				NDF		14S	+29.66	14S	15S				520HF	SPECIAL INTEREST +P
		0.21	115	3	NQI		14S	+29.66	LTE	UTE				510UL	510 BOBBIN EXAM
72	73	0.45	18	P 5	VOL		ETL	+1.80	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.80	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.21	14	P 5	VOL		ETL	+2.55	ETL	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.55	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
72	74		0	12	CLP		ETL	+3.34	ETL	ETL	0.21	0.20		520HF	KINETIC EXP +POINT
		0.24	15	P 5	VOL		ETL	+3.34	ETL	ETL	20			520HF	KINETIC EXP +POINT
72	79	0.38	15	P 5	VOL		ETL	-0.95	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.95	ETL	ETL	0.21	0.20		520HF	KINETIC EXP +POINT
		0.54	12	P 5	VOL		ETL	+0.66	ETL	ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.66	ETL	ETL	0.21	0.20		520HF	KINETIC EXP +POINT
		0.50	16	P 5	VOL		ETL	+2.95	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.95	ETL	ETL	0.21	0.20		520HF	KINETIC EXP +POINT
72	80	0.30	19	P 5	VOL		ETL	+0.51	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.51	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
72	81	8.16	166	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
72	82	7.76	168	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
72	83	0.20	29	P 5	VOL		ETL	-2.35	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.35	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.30	6	P 2	BVC		UTS	+4.80	LTE	UTE				540HF	540 BOBBIN EXAM
72	86	0.43	16	P 5	VOL		ETL	-3.74	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-3.74	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.38	13	P 2	BVC		UTS	+3.79	LTE	UTE				540HF	540 BOBBIN EXAM
		4.18	166	P 1	DNT		LTS	-0.02	LTE	UTE				540HF	540 BOBBIN EXAM
72	93	0.38	10	P 5	VOL		ETL	+0.79	ETL	ETL	9			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.79	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
72	109				NDF		03S	-15.61	03S	03S				520HF	SPECIAL INTEREST +P
		0.92	85	6	ADI		02S	+23.39	LTE	UTE				510UL	510 BOBBIN EXAM
72	125	4.72	173	P 1	DNT		LTE	+11.45	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
72	126						NDF LTE +10.3E	LTE	LTE					520HF	SPECIAL INTEREST +P
		5.54	172	P	1		DNT LTE +10.3E	LTE	UTE					510UL	510 BOBBIN EXAM
72	128	5.74	171	P	1		DNT LTE +10.91	LTE	UTE					510UL	510 BOBBIN EXAM
72	129	2.22	172	P	1		INR LTE +10.87	LTE	UTE					510UL	510 BOBBIN EXAM
72	130	0.15	7	P	5		VOL 13S -14.01	13S	13S					520HF	SPECIAL INTEREST +P
			0		12		CLP 13S -14.01	13S	13S	0.15	0.10			520HF	SPECIAL INTEREST +P
		0.10	1	P	5		VOL 13S -17.24	13S	13S					520HF	SPECIAL INTEREST +P
			0		12		CLP 13S -17.24	13S	13S	0.16	0.15			520HF	SPECIAL INTEREST +P
		0.18	1	P	5		VOL 12S +10.54	12S	12S					520HF	SPECIAL INTEREST +P
			0		12		CLP 12S +10.54	12S	12S	0.15	0.10			520HF	SPECIAL INTEREST +P
		0.16	6	P	5		VOL 12S +8.71	12S	12S					520HF	SPECIAL INTEREST +P
			0		12		CLP 12S +8.71	12S	12S	0.15	0.15			520HF	SPECIAL INTEREST +P
		0.20	12		3		BVC 12S +22.6E	LTE	UTE					540HF	540 BOBBIN EXAM
		0.19	6		3		BVC 12S +10.5E	LTE	UTE					540HF	540 BOBBIN EXAM
		0.24	7		3		BVC 12S +16.31	LTE	UTE					540HF	540 BOBBIN EXAM
		0.23	13		3		BVC 12S +33.74	LTE	UTE					540HF	540 BOBBIN EXAM
			0		12		CLP 13S -3.26	13S	13S	0.16	0.14			520HF	SPECIAL INTEREST +P
		0.30	13	P	5		VOI 13S -3.26	13S	13S					520HF	SPECIAL INTEREST +P
							NDF 12S +16.31	12S	12S					520HF	SPECIAL INTEREST +P
73	1	9.31	176	P	1		DNT LTE +10.64	LTE	LTE					510UL	510 BOBBIN EXAM
73	2						NDF LTE +10.49	LTE	LTE					520HF	SPECIAL INTEREST +P
		7.50	172	P	1		DNT LTE +10.49	LTE	LTE					510UL	510 BOBBIN EXAM
73	16	0.22	120		3		NQI LTS +10.74	LTS	LTS					510UL	510 BOBBIN EXAM
							NDF LTS +10.74	LTS	LTS					520HF	SPECIAL INTEREST +P
73	18	0.23	95		3		NQI 01S +36.57	01S	LTE					510UL	510 BOBBIN EXAM
							NDF 02S -1.43	02S	02S					520HF	SPECIAL INTEREST +P
73	19		0		12		CLP UTS +0.1E	UTS	UTS	0.24	0.16			520HF	SLV BORDER +POINT
			0		12		CLP UTS +0.47	UTS	UTS	0.19	0.10			520HF	SLV BORDER +POINT
		0.69	17	P	5		VOL UTS +0.1E	UTS	UTS					520HF	SLV BORDER +POINT
		0.42	20	P	5		VOL UTS +0.47	UTS	UTS					520HF	SLV BORDER +POINT
73	28	0.47	111		3		NQI 13S +32.54	LTS	LTE					510UL	510 BOBBIN EXAM
		0.55	77		6		ADI 04S +12.65	04S	LTE					510UL	510 BOBBIN EXAM
		0.48	88		6		ADI 01S +18.62	01S	LTE					510UL	510 BOBBIN EXAM
							NDF 14S -3.46	14S	14S					520HF	SPECIAL INTEREST +P
							NDF 04S +12.65	04S	04S					520HF	SPECIAL INTEREST +P
							NDF 01S +18.62	01S	01S					520HF	SPECIAL INTEREST +P
73	29	0.42	15	P	5		VOL ETL -1.80	ETL	ETL	0.17	0.16			520HF	KINETIC EXP +POINT
			0		12		CLP ETL -1.80	ETL	ETL					520HF	KINETIC EXP +POINT
73	31	1.29	24	P	5		VOL ETL +2.82	ETL	ETL	47				520HF	KINETIC EXP +POINT
			0		12		CLP ETL +2.82	ETL	ETL	0.23	0.18			520HF	KINETIC EXP +POINT
		2.18	31	P	5		SCI ETL +4.85	ETL	ETL	76				520HF	KINETIC EXP +POINT
		0.21	38	P	5		ARC ETL +4.85	ETL	ETL					520HF	KINETIC EXP +POINT
73	38	0.20	36				INR 08S -0.76	08S	LTE					510UL	510 BOBBIN EXAM
73	45	2.47	170	P	1		INR UTS -0.17	UTS	LTE					510UL	510 BOBBIN EXAM
73	46	2.45	169	P	1		INR UTS +0.09	UTS	LTE					510UL	510 BOBBIN EXAM
73	53	2.46	167	P	1		INR UTS +0.02	UTS	LTE					510UL	510 BOBBIN EXAM
73	55	0.36	77	P	5		TWD 8 08S -0.74	08S	LTE	WAR				510UL	510 BOBBIN EXAM
73	57	2.49	172	P	1		INR UTS +0.10	UTS	LTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
73	59	2.91	169	P 1	NDF	UTS	-0.02	UTS	UTS					520HF	SPECIAL INTEREST +P
					DNT	UTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
73	64	0.14	89	P 1	NQI	13S	+0.19	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	13S	+0.19	13S	13S					520HF	SPECIAL INTEREST +P
73	66	0.29	0	12	CLP	ETL	+0.86	ETL	ETL	0.21	0.15			520HF	KINETIC EXP +POINT
		0.22	20	P 5	VOL	ETL	+0.86	ETL	ETL	33				520HF	KINETIC EXP +POINT
			21	P 5	INR	ETL	-3.59	ETL	ETL					520HF	KINETIC EXP +POINT
73	76	3.14	154	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
73	79	3.30	166	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
73	80	9.62	165	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
73	81	19.02	163	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
73	82	7.45	168	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
		0.43	97	3	NQI	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	LTS	+0.02	LTS	LTS					520HF	LTS-KIDNEY +POINT
73	85	6.69	161	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
73	89	0.18	97	3	NQI	08S	-0.02	LTE	UTE					520HF	SPECIAL INTEREST +P
					NDF	08S	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
73	116	4.09	175	P 1	DNT	09S	-0.02	LTE	UTE					520HF	SPECIAL INTEREST +P
					NDF	09S	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
73	121	3.47	175	P 1	DNT	LTE	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	LTE	-0.02	LTE	UTE					520HF	SPECIAL INTEREST +P
73	128	0.34	7	3	BVC	15S	-0.02	LTE	UTE					540HF	540 BOBBIN EXAM
		0.41	8	P 5	VOL	15S	-0.02	LTE	UTE					520HF	SPECIAL INTEREST +P
			0	12	CLP	15S	-0.02	LTE	UTE	0.16	0.14			520HF	SPECIAL INTEREST +P
74	1	3.83	173	P 1	DNT	LTE	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
74	34	2.42	167	P 1	INR	UTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
74	35				NDF	UTS	-0.02	LTE	UTE					520HF	SLV BORDER +POINT
					NDF	UTS	-0.02	LTE	UTE					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.08	LTE	UTE	0.15	0.10			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+4.09	LTE	UTE	0.20	0.15			520HF	KINETIC EXP +POINT
		0.75	31	P 5	VOL	ETL	-0.08	LTE	UTE					520HF	KINETIC EXP +POINT
		3.22	37	P 5	VOL	ETL	+4.09	LTE	UTE	99				520HF	KINETIC EXP +POINT
		3.03	166	P 1	DNT	UTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
74	36	2.81	166	P 1	DNT	UTS	-0.02	LTE	UTE					520HF	SPECIAL INTEREST +P
		0.60	26	P 5	VOL	ETL	-0.49	LTE	UTE					510UL	510 BOBBIN EXAM
			0	12	CLP	ETL	-0.49	ETL	ETL	0.15	0.10			520HF	KINETIC EXP +POINT
		0.91	26	P 5	VOL	ETL	+0.40	ETL	ETL	54				520HF	KINETIC EXP +POINT
		0.53	19	P 5	VOL	ETL	+2.02	ETL	ETL	30				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.02	ETL	ETL	0.15	0.10			520HF	KINETIC EXP +POINT
		0.56	19	P 5	VOL	ETL	+2.32	ETL	ETL	30				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.32	ETL	ETL	0.15	0.16			520HF	KINETIC EXP +POINT
		0.71	19	P 5	VOL	ETL	+2.49	ETL	ETL	30				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.49	ETL	ETL	0.15	0.16			520HF	KINETIC EXP +POINT
		1.27	28	P 5	VOL	ETL	-3.74	ETL	ETL	63				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.74	ETL	ETL	0.20	0.10			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.40	ETL	ETL	0.20	0.16			520HF	KINETIC EXP +POINT
74	37	2.86	171	P 1	DNT	UTS	-0.02	UTS	UTS					520HF	SPECIAL INTEREST +P
					NDF	UTS	-0.02	UTE	LTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
74	39	2.61	166	P 1	NDF DNT	UTS UTS	-0.06 -0.06	UTS UTE	UTS LTE					520HF 510UL	SPECIAL INTEREST +P 510 BOBBIN EXAM
74	40	2.63	168	P 1	NDF DNT	UTS UTS	+0.02 +0.02	UTS UTE	UTS LTE					520HF 510UL	SPECIAL INTEREST +P 510 BOBBIN EXAM
74	41	2.56	169	P 1	NDF DNT	UTS UTS	-0.02 -0.02	UTS UTE	UTS LTE					520HF 510UL	SPECIAL INTEREST +P 510 BOBBIN EXAM
74	42	2.32	174	P 1	INR	UTS	+0.00	UTE	LTE					510UL	510 BOBBIN EXAM
74	43	2.73	169	P 1	NDF DNT	UTS UTS	-0.08 -0.08	UTS UTE	UTS LTE					520HF 510UL	SPECIAL INTEREST +P 510 BOBBIN EXAM
74	44	3.03	169	P 1	NDF DNT	UTS UTS	+0.00 +0.00	UTS UTE	UTS LTE					520HF 510UL	SPECIAL INTEREST +P 510 BOBBIN EXAM
74	45	0.39	20	P 5	VOL	ETL	-0.15	UTS	ETL	0.10	0.10			520HF	KINETIC EXP +POINT
		0.28	0	12	CLP	ETL	-0.15	UTS	ETL	9				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.99	UTS	ETL	0.05	0.05			520HF	KINETIC EXP +POINT
		0.27	5	P 5	VOL	ETL	+0.82	UTS	ETL	3				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.82	UTS	ETL	0.15	0.10			520HF	KINETIC EXP +POINT
		0.27	13	P 5	VOL	ETL	+4.57	UTS	ETL	15				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+4.57	UTS	ETL	0.10	0.10			520HF	KINETIC EXP +POINT
		2.49	169	P 1	INR	UTS	-0.05	UTE	LTE					510UL	510 BOBBIN EXAM
74	46	2.52	170	P 1	NDF DNT	UTS UTS	+0.07 +0.07	UTS UTE	UTS LTE					520HF 510UL	SPECIAL INTEREST +P 510 BOBBIN EXAM
74	49	2.61	172	P 1	NDF DNT	UTS UTS	+0.00 +0.00	UTS UTE	UTS LTE					520HF 510UL	SPECIAL INTEREST +P 510 BOBBIN EXAM
74	50	0.71	21	P 5	VOL	UTS	+0.18	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-1.06	UTS	UTS	0.24	0.17			520HF	SPECIAL INTEREST +P
		3.12	171	P 1	DNT	UTS	+0.18	LTE	UTE					540HF	540 BOBBIN EXAM
		3.12	34	P 5	VOL	ETL	+1.17	ETL	ETL	91				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.17	ETL	ETL	0.20	0.10			520HF	KINETIC EXP +POINT
74	51	3.08	169	P 1	NDF DNT	UTS UTS	-0.07 +0.07	UTS UTE	UTS LTE					520HF 510UL	SPECIAL INTEREST +P 510 BOBBIN EXAM
74	52	3.06	168	P 1	NDF DNT	UTS UTS	+0.00 +0.00	UTS UTE	UTS LTE					520HF 510UL	SPECIAL INTEREST +P 510 BOBBIN EXAM
74	54	0.57	14	P 5	VOL	ETL	+2.49	ETL	ETL	21				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.49	ETL	ETL	0.22	0.16			520HF	KINETIC EXP +POINT
		0.71	19	P 5	VOL	ETL	+5.12	ETL	ETL	8				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+5.12	ETL	ETL	0.22	0.16			520HF	KINETIC EXP +POINT
		0.59	20	P 5	VOL	ETL	+3.89	ETL	ETL	17				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.89	ETL	ETL	0.22	0.16			520HF	KINETIC EXP +POINT
		0.49	13	P 5	VOL	ETL	+1.84	ETL	ETL	11				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.84	ETL	ETL	0.22	0.16			520HF	KINETIC EXP +POINT
			90	12	CLP	ETL	-0.52	ETL	ETL	0.22	0.26			520HF	KINETIC EXP +POINT
		1.68	27	P 5	VOL	ETL	-0.52	ETL	ETL					520HF	KINETIC EXP +POINT
					NDF	UTS	+0.09	UTS	ETL					520HF	KINETIC EXP +POINT
		1.68	27	P 5	PID	ETL	-0.52	UTS	ETL					520HF	KINETIC EXP +POINT
		3.06	172	P 1	DNT	UTS	+0.09	LTE	UTE					540HF	540 BOBBIN EXAM
74	55	0.81	0	12	CLP	UTS	-0.05	UTS	ETL	0.15	0.10			520HF	KINETIC EXP +POINT
			23	P 5	VOL	UTS	+0.12	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	UTS	+1.41	UTS	ETL	0.15	0.15			520HF	KINETIC EXP +POINT
		0.40	29	P 5	VOL	UTS	+1.41	UTS	ETL					520HF	KINETIC EXP +POINT
		2.52	173	P 1	DNT	UTS	-0.05	LTE	UTE					540HF	540 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
74	56	3.16	170	P 1	NDF		UTS	+0.05	UTS	UTS				520HF	SPECIAL INTEREST +P
					DNT		UTS	+0.05	UTE	LTE				510UL	510 BOBBIN EXAM
74	57	2.85	173	P 1	DNT		UTS	+0.06	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.06	UTS	UTS				520HF	SPECIAL INTEREST +P
74	58	2.96	170	P 1	DNT		UTS	+0.08	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.08	UTS	UTS				520HF	SPECIAL INTEREST +P
74	59				NDF		UTS	+0.06	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		ETL	+0.62	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.58	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.72	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.53	ETL	ETL	0.16	0.20		520HF	KINETIC EXP +POINT
	0.36		20	P 5	VOL		ETL	+0.62	ETL	ETL	33			520HF	KINETIC EXP +POINT
	0.43		20	P 5	VOL		ETL	+2.58	ETL	ETL	33			520HF	KINETIC EXP +POINT
	0.14		17	P 5	VOL		ETL	+3.53	ETL	ETL	25			520HF	KINETIC EXP +POINT
	0.28		20	P 5	VOL		ETL	+3.72	ETL	ETL	33			520HF	KINETIC EXP +POINT
	2.89		176	P 1	DNT		UTS	+0.06	LTE	UTE				510UL	510 BOBBIN EXAM
74	61	3.04	171	P 1	DNT		UTS	+0.06	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.06	UTS	UTS				520HF	SPECIAL INTEREST +P
74	62	0.80	0	12	CLP		ETL	+0.44	ETL	ETL	0.21	0.20		520HF	KINETIC EXP +POINT
			23	P 5	VOL		ETL	+0.44	ETL	ETL	43			520HF	KINETIC EXP +POINT
74	69	4.69	162	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
74	70	3.52	167	P 1	DNT		LTS	-0.38	LTE	UTE				510UL	510 BOBBIN EXAM
74	71	3.30	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
74	74	2.64	155	P 1	DNT		LTS	+0.00	LTE	UTE				540HF	540 BOBBIN EXAM
74	75	11.74	168	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
74	76	28.25	170	P 1	DNT		LTS	+0.06	LTE	UTE				510UL	510 BOBBIN EXAM
74	77	15.84	161	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
74	78	7.41	165	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
74	81	5.91	160	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
74	113	1.55	84	6	NDF		09S	+11.30	09S	09S				520HF	SPECIAL INTEREST +P
					ADI		09S	+11.30	LTE	UTE				510UL	510 BOBBIN EXAM
74	116	4.44	173	P 1	DNT		LTE	+10.99	LTE	UTE				510UL	510 BOBBIN EXAM
74	119	4.01	174	P 1	DNT		LTE	+9.10	LTE	UTE				510UL	510 BOBBIN EXAM
74	123	3.69	170	P 1	DNT		LTE	+10.82	LTE	UTE				510UL	510 BOBBIN EXAM
75	12	0.21	88	P 5	NQI		05S	-0.81	14S	LTE				510UL	510 BOBBIN EXAM
		0.26	85	P 2	TWD 8		05S	-0.72	05S	05S	WAR			520HF	SPECIAL INTEREST +P
75	18	0.27	149	P 2	INR		14S	-0.68	14S	LTE				510UL	510 BOBBIN EXAM
75	24	0.33	68	P 5	NQI		05S	-0.76	14S	LTE				510UL	510 BOBBIN EXAM
		0.42	88	P 2	TWD 12		05S	-0.76	05S	05S	WAR			520HF	SPECIAL INTEREST +P
75	33	0.16	98	P 5	TWD 4		05S	-0.79	14S	LTE	WAR			510UL	510 BOBBIN EXAM
75	34	0.21	108	P 1	NQI		05S	-0.79	14S	LTE				510UL	510 BOBBIN EXAM
		0.43	78	P 2	TWD 10		05S	-0.75	05S	05S	WAR			520HF	SPECIAL INTEREST +P
75	36				NDF		UTS	-0.06	UTS	UTS				520HF	SLV BORDER +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		2.83	168	P 1	DNT		UTS	+0.02	UTE	LTE				510UL	510 BOBBIN EXAM
		0.29	7	P 5	VOL		ETL	+2.67	ETL	ETL	5			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.67	ETL	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
75	37				NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
		2.89	171	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
75	38	3.22	176	P 1	DNT		UTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.09	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+3.80	UTS	ETL	0.18	0.14		520HF	KINETIC EXP +POINT
		0.25	21	P 5	VOL		UTS	-3.80	UTS	ETL				520HF	KINETIC EXP +POINT
75	39				NDF		UTS	+0.06	UTS	UTS				520HF	SPECIAL INTEREST +P
		2.63	172	P 1	DNT		UTS	+0.06	UTE	LTE				510UL	510 BOBBIN EXAM
75	40				NDF		UTS	+0.04	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.53	20	P 5	VOL		ETL	+0.01	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.01	ETL	ETL	0.20	0.10		520HF	KINETIC EXP +POINT
		3.04	170	P 1	DNT		UTS	+0.04	UTE	LTE				510UL	510 BOBBIN EXAM
75	41				NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
		2.98	175	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
		0.34	110	P 5	TWD 8		05S	-0.78	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
75	42				NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
		2.97	171	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
75	43				NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
		2.92	172	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
75	44				NDF		UTS	-0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		ETL	+3.99	ETL	ETL	0.20	0.15		520HF	KINETIC EXP +POINT
		0.63	24	P 5	VOL		ETL	+2.91	ETL	ETL	47			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.91	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.44	24	P 5	VOL		ETL	+0.64	ETL	ETL	47			520HF	KINETIC EXP +POINT
		0.91	24	P 5	VOL		ETL	+3.99	ETL	ETL	47			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.64	ETL	ETL	0.13	0.13		520HF	KINETIC EXP +POINT
		3.14	169	P 1	DNT		UTS	-0.02	UTE	LTE				510UL	510 BOBBIN EXAM
75	45				NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
		2.91	174	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
75	46				NDF		UTS	+0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
		2.74	162	P 1	DNT		UTS	+0.02	UTE	LTE				510UL	510 BOBBIN EXAM
		0.29	66	P 5	TWD 6		05S	-0.80	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
75	51				NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.38	21	P 5	VOL		ETL	+2.52	ETL	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.52	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		3.64	169	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
75	52				NDF		UTS	+0.05	UTS	UTS				520HF	SPECIAL INTEREST +P
		3.48	171	P 1	DNT		UTS	+0.05	UTE	LTE				510UL	510 BOBBIN EXAM
75	53				NDF		UTS	+0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
		3.57	170	P 1	DNT		UTS	+0.02	UTE	LTE				510UL	510 BOBBIN EXAM
75	54				NDF		UTS	+0.05	UTS	UTS				520HF	SPECIAL INTEREST +P
		3.03	173	P 1	DNT		UTS	+0.05	UTE	LTE				510UL	510 BOBBIN EXAM
		0.56	15	P 5	VOL		ETL	+1.18	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.18	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.46	13	P 5	VOL		ETL	+1.81	ETL	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.81	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
75	55				NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
		2.67	171	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
75	56				NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
		3.04	173	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
		0.33	65	P 5	TWD 8		05S	-0.82	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
75	57				NDF		UTS	+0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
		3.35	171	P 1	DNT		UTS	+0.02	UTE	LTE				510UL	510 BOBBIN EXAM
75	58	3.79	172	P 1	DNT		UTS	+0.08	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.08	UTS	UTS				520HF	SPECIAL INTEREST +P
75	59				NDF		UTS	-0.13	UTS	UTS				520HF	SPECIAL INTEREST +P
					NDF	14S		-0.81	14S	14S				520HF	SPECIAL INTEREST +P
		0.15	133	P 5	NQI	14S		-0.61	LTE	UTE				510UL	510 BOBBIN EXAM
		3.26	175	P 1	DNT		UTS	-0.13	LTE	UTE				510UL	510 BOBBIN EXAM
75	60	3.58	176	P 1	DNT		UTS	+0.08	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.08	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		ETL	+0.44	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.24	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
		0.47	19	P 5	VOL		ETL	+0.44	ETL	ETL	30			520HF	KINETIC EXP +POINT
		0.33	19	P 5	VOL		ETL	+2.24	ETL	ETL	30			520HF	KINETIC EXP +POINT
75	61	3.53	175	P 1	DNT		UTS	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-0.11	UTS	UTS				520HF	SPECIAL INTEREST +P
75	62	0.11	134	3	INR		LTS	+2.42	LTE	UTE				510UL	510 BOBBIN EXAM
		4.93	173	P 1	DNT		UTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
75	63	3.75	176	P 1	DNT		UTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
		0.41	130	3	NQI		01S	+2.90	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
					NDF	01S		+2.90	01S	01S				520HF	SPECIAL INTEREST +P
75	69	7.35	169	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
75	70	17.32	167	P 1	DNT		LTS	-0.36	LTE	UTE				510UL	510 BOBBIN EXAM
75	71	3.30	169	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
75	75	5.41	161	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
		0.21	18	P 5	VOL		ETL	+2.71	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.71	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
75	76	18.60	170	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
75	77	19.13	163	P 1	DNT		LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
		0.76	25	P 5	VOL		ETL	+2.44	ETL	ETL	51			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.44	ETL	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
		0.44	14	P 5	VOL		ETL	+2.88	ETL	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.88	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
75	78	7.63	168	P 1	DNT		LTS	-0.52	LTE	UTE				510UL	510 BOBBIN EXAM
75	79				NDF		01S	+17.57	01S	01S				520HF	SPECIAL INTEREST +P
		7.10	161	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
		1.24	79	6	ADI		01S	+17.57	LTE	UTE				510UL	510 BOBBIN EXAM
75	81	0.44	9	3	TWD 30		15S	+35.11	LTE	UTE				540HF	540 BOBBIN EXAM
		0.48	16	P 5	VOL		UTS	-11.26	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-11.26	UTS	UTS	0.17	0.22		520HF	SPECIAL INTEREST +P
75	101				NDF		11S	+4.18	11S	11S				520HF	SPECIAL INTEREST +P
		6.17	177	P 1	DNT		11S	+4.18	LTE	UTE				510UL	510 BOBBIN EXAM
75	117				NDF		LTE	+10.89	LTE	LTE				520HF	SPECIAL INTEREST +P
					NDF	10S		+0.36	10S	10S				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: LR15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		4.86	173	P	1	DNT	LTE	+10.89	LTE	UTE				510UL	510 BOBBIN EXAM
		0.31	75	P	1	NQI	10S	+0.36	LTE	UTE				510UL	510 BOBBIN EXAM
75	118					NDF	LTE	+10.74	LTE	LTE				520HF	SPECIAL INTEREST +P
						NDF	LTE	+8.36	LTE	LTE				520HF	SPECIAL INTEREST +P
		5.77	173	P	1	DNT	LTE	+10.74	LTE	UTE				510UL	510 BOBBIN EXAM
		2.96	173	P	1	DNT	LTE	+8.36	LTE	UTE				510UL	510 BOBBIN EXAM
75	122	2.87	178	P	1	DNT	LTE	+10.16	LTE	UTE				540HF	540 BOBBIN EXAM
		0.74	7	3		TWD 23	15S	+44.97	LTE	UTE				540HF	540 BOBBIN EXAM
		1.01	15	F	5	VOL	UTS	-1.41	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12		CLP	UTS	-1.41	UTS	UTS	0.22	0.18		520HF	SPECIAL INTEREST +P
						NDF	UTS	-1.56	UTS	UTS				520HF	SPECIAL INTEREST +P
75	123					NDF	UTS	-13.41	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.89	12	P	5	VOL	UTS	-22.37	UTS	UTS				520HF	SPECIAL INTEREST +P
			90	12		CLP	UTS	-22.37	UTS	UTS	0.20	0.20		520HF	SPECIAL INTEREST +P
						NDF	UTS	-23.77	UTS	UTS				520HF	SPECIAL INTEREST +P
						NDF	LTE	+10.57	LTE	LTE				520HF	SPECIAL INTEREST +P
		2.76	174	P	1	DNT	LTE	+10.57	LTE	UTE				540HF	540 BOBBIN EXAM
		0.74	8	3		TWD 27	15S	-14.57	LTE	UTE				540HF	540 BOBBIN EXAM
		0.36	5	3		BVC	15S	+20.57	LTE	UTE				540HF	540 BOBBIN EXAM
		4.12	175	P	1	DNT	15S	-31.57	LTE	UTE				540HF	540 BOBBIN EXAM
		0.52	8	P	5	VOL	15S	+20.57	LTE	UTE				520HF	SPECIAL INTEREST +P
			0	12		CLP	15S	-20.57	LTE	UTE	0.17	0.16		520HF	SPECIAL INTEREST +P
		0.33	10	P	5	VOL	15S	-20.57	LTE	UTE				520HF	SPECIAL INTEREST +P
			0	12		CLP	15S	-20.57	LTE	UTE	0.11	0.13		520HF	SPECIAL INTEREST +P
		0.71	4	P	5	VOL	15S	-14.57	LTE	UTE				520HF	SPECIAL INTEREST +P
			0	12		CLP	15S	-14.57	LTE	UTE	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.24	2	P	5	VOL	15S	+20.57	LTE	UTE				520HF	SPECIAL INTEREST +P
			0	12		CLP	15S	-20.57	LTE	UTE	0.11	0.13		520HF	SPECIAL INTEREST +P
						NDF	15S	+19.57	LTE	UTE				520HF	SPECIAL INTEREST +P
						NDF	15S	-20.57	LTE	UTE				520HF	SPECIAL INTEREST +P
75	124		0	12		CLP	ETL	-0.11	LTE	UTE	0.22	0.12		520HF	KINETIC EXP +POINT
		0.71	19	P	5	VOL	ETL	-0.11	LTE	UTE				520HF	KINETIC EXP +POINT
		3.87	355	1		DNT	LTE	+4.57	LTE	UTE				460HF	SELECT TUBE +POINT
76	64					NDF	LTS	+8.21	LTE	LTE				520HF	SPECIAL INTEREST +P
		0.53	148	3		NQI	LTS	+8.21	LTE	LTE				510UL	510 BOBBIN EXAM
76	68	5.90	162	P	1	DNT	LTS	-0.17	LTE	LTE				510UL	510 BOBBIN EXAM
76	69	24.06	168	P	1	DNT	LTS	+0.09	LTE	LTE				510UL	510 BOBBIN EXAM
76	70	11.11	165	P	1	DNT	LTS	+0.07	LTE	LTE				510UL	510 BOBBIN EXAM
76	75	2.81	172	P	1	DNT	LTS	-0.07	LTE	LTE				510UL	510 BOBBIN EXAM
76	76	6.42	166	P	1	DNT	LTS	+0.00	LTE	LTE				510UL	510 BOBBIN EXAM
76	77	4.22	170	P	1	DNT	LTS	+0.05	LTE	LTE				510UL	510 BOBBIN EXAM
76	81	4.46	162	P	1	DNT	LTS	-0.13	LTE	LTE				510UL	510 BOBBIN EXAM
76	82	3.32	166	P	1	DNT	LTS	+0.00	LTE	LTE				510UL	510 BOBBIN EXAM
76	90	0.08	142	3		INR	15S	+6.28	LTE	LTE				510UL	510 BOBBIN EXAM
		0.10	164	3		INR	15S	+16.84	LTE	LTE				510UL	510 BOBBIN EXAM
76	100	0.21	355	3		INR	08S	+22.98	LTE	LTE				510UL	510 BOBBIN EXAM
76	108	0.31	129	3		INR	LTE	+11.44	LTE	LTE				510UL	510 BOBBIN EXAM
76	116	5.22	173	P	1	DNT	LTE	+10.66	LTE	LTE				510UL	510 BOBBIN EXAM
77	16	1.35	30	7		NQI	MSR	+51.77	LSE	USE				400UL	SLEEVE BOBBIN

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
					NDF		USE	-23.26	USE	USE				400PP	SPECIAL INTEREST +P
77	32	5.51	175	P 1	DNT		LTE	+6.61	14S	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+6.61	LTE	LTE				520HF	SPECIAL INTEREST +P
77	33	7.17	178	P 1	DNT		LTE	+6.87	14S	LTE				510UL	510 BOBBIN EXAM
77	37	2.94	182	P 1	DNT		UTS	+0.05	UTE	LTE				540HF	540 BOBBIN EXAM
		0.57	82	P 5	TWD	15	07S	-0.80	UTE	LTE	WAR			540HF	540 BOBBIN EXAM
					NDF		UTS	+0.05	UTS	UTS				520HF	SPECIAL INTEREST +P
77	38	2.70	177	P 1	DNT		UTS	+0.02	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
77	39	2.63	173	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
77	40	2.59	176	P 1	DNT		UTS	+0.02	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
77	41	2.78	179	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
77	42	2.66	175	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.28	18	P 5	VOL		ETL	-2.65	ETL	ETL	0.23	0.23		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.65	ETL	ETL				520HF	KINETIC EXP +POINT
77	43	2.70	181	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
77	44	3.34	174	P 1	DNT		UTS	+0.02	UTE	LTE				510UL	510 BOBBIN EXAM
		0.09	27	P 5	VOL		ETL	-0.82	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.82	UTS	ETL	0.13	0.10		520HF	KINETIC EXP +POINT
					NDF		UTS	+0.02	UTS	ETL				520HF	KINETIC EXP +POINT
77	45	3.36	176	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
77	50	2.93	176	P 1	DNT		UTS	+0.00	UTE	LTE				510JL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.21	21	P 5	VOL		ETL	-1.34	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.34	ETL	ETL	0.14	0.18		520HF	KINETIC EXP +POINT
		0.67	29	P 5	VOL		ETL	+0.06	ETL	ETL	67			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.06	ETL	ETL	0.14	0.18		520HF	KINETIC EXP +POINT
77	51	4.79	174	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
77	53	4.42	176	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
77	54	4.75	171	P 1	DNT		UTS	+0.05	UTE	LTE				510UL	510 BOBBIN EXAM
		0.52	13	P 5	VOL		ETL	-0.04	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.04	UTS	ETL	0.09	0.05		520HF	KINETIC EXP +POINT
		0.83	22	P 5	VOL		ETL	+0.46	UTS	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.46	UTS	ETL	0.18	0.11		520HF	KINETIC EXP +POINT
		0.53	15	P 5	VOL		ETL	+0.99	UTS	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.99	UTS	ETL	0.18	0.11		520HF	KINETIC EXP +POINT
		1.90	29	P 5	VOL		ETL	+2.25	UTS	ETL	67			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.25	UTS	ETL	0.18	0.11		520HF	KINETIC EXP +POINT
					NDF		UTS	+0.05	UTS	ETL				520HF	KINETIC EXP +POINT
77	55	3.74	175	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
0.32	11	P 5	VOL	ETL	+1.63	ETL	ETL	11						520HF	KINETIC EXP +POINT
	0	12	CLP	ETL	+1.63	ETL	ETL	0.14		0.13				520HF	KINETIC EXP +POINT
0.31	14	P 5	VOL	ETL	+3.00	ETL	ETL	17						520HF	KINETIC EXP +POINT
	0	12	CLP	ETL	+3.00	ETL	ETL	0.14		0.18				520HF	KINETIC EXP +POINT
0.49	18	P 5	VOL	ETL	+3.60	ETL	ETL	27						520HF	KINETIC EXP +POINT
	0	12	CLP	ETL	+3.60	ETL	ETL	0.14		0.12				520HF	KINETIC EXP +POINT
0.26	18	P 5	VOL	ETL	+4.14	ETL	ETL	27						520HF	KINETIC EXP +POINT
	0	12	CLP	ETL	+4.14	ETL	ETL	0.14		0.12				520HF	KINETIC EXP +POINT
0.34	19	P 5	VOL	ETL	+4.77	ETL	ETL	30						520HF	KINETIC EXP +POINT
	0	12	CLP	ETL	+4.77	ETL	ETL	0.14		0.12				520HF	KINETIC EXP +POINT
0.60	18	P 5	VOL	ETL	+5.00	ETL	ETL	27						520HF	KINETIC EXP +POINT
	0	12	CLP	ETL	+5.00	ETL	ETL	0.14		0.18				520HF	KINETIC EXP +POINT
0.38	18	P 5	VOL	ETL	+4.90	ETL	ETL	27						520HF	KINETIC EXP +POINT
	0	12	CLP	ETL	+4.90	ETL	ETL	0.14		0.18				520HF	KINETIC EXP +POINT
0.71	23	P 5	VOL	ETL	+5.60	ETL	ETL	43						520HF	KINETIC EXP +POINT
	0	12	CLP	ETL	+5.60	ETL	ETL	0.14		0.18				520HF	KINETIC EXP +POINT
	0	12	CLP	ETL	+6.83	ETL	ETL	0.18		0.12				520HF	KINETIC EXP +POINT
	0	12	CLP	ETL	+7.26	ETL	ETL	0.18		0.12				520HF	KINETIC EXP +POINT
0.48	15	P 5	VOL	ETL	+7.26	ETL	ETL	20						520HF	KINETIC EXP +POINT
0.91	25	P 5	VOL	ETL	+6.83	ETL	ETL	51						520HF	KINETIC EXP +POINT
77 56				UTS	+0.02	UTS	ETL							520HF	KINETIC EXP +POINT
0.45	12	P 5	VOL	ETL	+4.03	UTS	ETL	13						520HF	KINETIC EXP +POINT
	0	12	CLP	ETL	+4.03	UTS	ETL	0.15		0.14				520HF	KINETIC EXP +POINT
0.41	22	P 5	VOL	ETL	+5.35	UTS	ETL	40						520HF	KINETIC EXP +POINT
	0	12	CLP	ETL	+5.35	UTS	ETL	0.15		0.14				520HF	KINETIC EXP +POINT
0.27	19	P 5	VOL	ETL	+0.60	UTS	ETL	30						520HF	KINETIC EXP +POINT
	0	12	CLP	ETL	+0.60	UTS	ETL	0.15		0.14				520HF	KINETIC EXP +POINT
3.61	178	P 1	DNT	UTS	+0.02	UTE	LTE							540HF	540 BOBBIN EXAM
0.43	8	P 2	TWD 27	UTS	+6.86	UTE	LTE							540HF	540 BOBBIN EXAM
	0	12	CLP	ETL	-2.41	UTS	ETL	0.21		0.10				520HF	KINETIC EXP +POINT
0.73	24	P 5	VOL	ETL	-2.41	UTS	ETL							520HF	KINETIC EXP +POINT
	0	12	CLP	ETL	-1.27	UTS	ETL	0.16		0.14				520HF	KINETIC EXP +POINT
0.61	26	P 5	VOL	ETL	-1.27	UTS	ETL							520HF	KINETIC EXP +POINT
77 57	4.46	176	P 1	DNT	+0.00	UTE	LTE							510UL	510 BOBBIN EXAM
				NDF	+0.00	UTS	UTS							520HF	SPECIAL INTEREST +P
77 58				UTS	+0.37	UTS	UTS							520HF	SPECIAL INTEREST +P
0.37	12	P 5	VOL	ETL	+1.66	ETL	ETL	13						520HF	KINETIC EXP +POINT
	0	12	CLP	ETL	+1.66	ETL	ETL	0.20		0.19				520HF	KINETIC EXP +POINT
3.18	175	P 1	DNT	UTS	+0.37	LTE	UTE							510UL	510 BOBBIN EXAM
77 59	3.39	178	P 1	DNT	+0.00	LTE	UTE							510UL	510 BOBBIN EXAM
				NDF	+0.00	UTS	UTS							520HF	SPECIAL INTEREST +P
77 60				UTS	+0.00	UTS	UTS							520HF	SPECIAL INTEREST +P
3.23	176	P 1	DNT	UTS	+0.00	LTE	UTE							510UL	510 BOBBIN EXAM
77 61	3.02	176	P 1	DNT	+0.02	LTE	UTE							540HF	540 BOBBIN EXAM
				NDF	+0.02	UTS	UTS							520HF	SPECIAL INTEREST +P
77 62				UTS	+0.00	UTS	UTS							520HF	SPECIAL INTEREST +P
3.57	173	P 1	DNT	UTS	+0.00	LTE	UTE							510UL	510 BOBBIN EXAM
77 63	3.59	174	P 1	DNT	+0.00	LTE	UTE							540HF	540 BOBBIN EXAM
				NDF	+0.00	UTS	UTS							520HF	SPECIAL INTEREST +P
77 66				LTS	-0.42	LTS	LTS							520HF	SPECIAL INTEREST +P
0.16	85	P 2	NQI	LTS	-0.42	LTE	UTE							510UL	510 BOBBIN EXAM
77 67		90	12	CLP	-0.24	ETL	ETL	0.16		0.15				520HF	KINETIC EXP +POINT
0.53	14	P 5	VOL	ETL	-0.24	ETL	ETL							520HF	KINETIC EXP +POINT
77 68	3.54	164	P 1	DNT	-0.11	LTE	UTE							510UL	510 BOBBIN EXAM
77 69	27.28	168	P 1	DNT	+0.09	LTE	UTE							510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
77	70	-20.92	166	P 1	DNT	LTS	+0.18	LTE	UTE					510UL	510 BOBBIN EXAM
77	71	4.88	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
77	73	0.14	12	P 5	VOL	ETL	+0.07	ETL	ETL	13				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.07	ETL	ETL	0.11	0.15			520HF	KINETIC EXP +POINT
		1.62	32	P 5	VOL	ETL	+0.59	ETL	ETL	81				520HF	KINETIC EXP +POINT
		0.78	28	P 5	VOL	ETL	+1.36	ETL	ETL	63				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.36	ETL	ETL	0.22	0.15			520HF	KINETIC EXP +POINT
		0.45	22	P 5	VOL	ETL	+3.94	ETL	ETL	40				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.94	ETL	ETL	0.11	0.10			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.59	ETL	ETL	0.22	0.15			520HF	KINETIC EXP +POINT
77	74	0.31	13	P 5	VOL	ETL	-0.54	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.54	UTS	ETL	0.18	0.17			520HF	KINETIC EXP +POINT
		0.48	14	P 5	VOL	ETL	+0.76	UTS	ETL	17				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.76	UTS	ETL	0.27	0.23			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.43	UTS	ETL	0.16	0.17			520HF	KINETIC EXP +POINT
		0.11	27	P 5	VOL	ETL	+2.43	UTS	ETL	58				520HF	KINETIC EXP +POINT
77	82	3.50	163	P 1	DNT	LTS	+0.00	UTE	LTE					510UL	510 BOBBIN EXAM
77	92	0.71	21	P 5	VOL	ETL	+1.31	ETL	ETL	36				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.31	ETL	ETL	0.14	0.17			520HF	KINETIC EXP +POINT
77	96	0.40	25	P 2	INR	UTS	+6.82	UTE	LTE					540HF	540 BOBBIN EXAM
		0.61	37	P 5	VOL	ETL	-0.85	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.65	UTS	ETL	0.23	0.17			520HF	KINETIC EXP +POINT
		0.49	10	P 5	VOL	ETL	+1.97	UTS	ETL	9				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.97	UTS	ETL	0.23	0.17			520HF	KINETIC EXP +POINT
77	104				NDF	12S	-0.02	12S	12S					520HF	SPECIAL INTEREST +P
		0.16	106	P 1	NQI	12S	-0.02	UTE	LTE					510UL	510 BOBBIN EXAM
77	117	0.48	59	P 2	TWD	14 10S	+0.52	10S	10S	WAR				520HF	SPECIAL INTEREST +P
		0.28	127	P 5	NQI	10S	+0.45	UTE	LTE					510UL	510 BOBBIN EXAM
		5.01	174	P 1	DNT	LTE	+10.85	UTE	LTE					510UL	510 BOBBIN EXAM
77	119	0.86	27	P 5	VOL	ETL	+3.67	UTS	ETL	58				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.67	UTS	ETL	0.30	0.21			520HF	KINETIC EXP +POINT
		0.41	22	P 5	VOL	ETL	+5.96	UTS	ETL	40				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+5.96	UTS	ETL	0.25	0.21			520HF	KINETIC EXP +POINT
		7.02	175	P 1	DNT	LTE	+10.59	UTE	LTE					510UL	510 BOBBIN EXAM
77	121	0.31	92	P 1	INR	LTE	+14.12	UTE	LTE					510UL	510 BOBBIN EXAM
77	122	6.60	176	P 1	DNT	LTE	+10.30	UTE	LTE					540HF	540 BOBBIN EXAM
		0.61	4	3	INR	13S	+34.66	UTE	LTE					540HF	540 BOBBIN EXAM
			0	12	CLP	UTS	-0.73	UTS	ETL	0.29	0.21			520HF	KINETIC EXP +POINT
		0.20	9	P 5	VOL	UTS	-0.73	UTS	ETL					520HF	KINETIC EXP +POINT
77	123	0.34	27	P 5	VOL	ETL	+1.57	ETL	ETL	58				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.57	ETL	ETL	0.19	0.22			520HF	KINETIC EXP +POINT
		7.05	174	P 1	DNT	LTE	+10.94	UTE	LTE					510UL	510 BOBBIN EXAM
77	124	2.22	29	P 5	PID	UTS	-0.63	UTS	UTS					520HF	KINETIC EXP +POINT
		2.04	26	P 5	PID	UTS	-0.63	UTS	ETL					520HF	KINETIC EXP +POINT
		2.00	29	P 5	VOL	UTS	-0.82	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	UTS	-0.82	UTS	ETL	0.22	0.24			520HF	KINETIC EXP +POINT
77	126	0.48	8	3	TWD	27 15S	+18.46	UTE	LTE					540HF	540 BOBBIN EXAM
			0	12	CLP	15S	+18.84	15S	15S	0.19	0.15			520HF	SPECIAL INTEREST +P
			0	12	CLP	15S	+10.62	15S	15S	0.15	0.20			520HF	SPECIAL INTEREST +P
		0.70	16	P 5	VOL	15S	+18.84	15S	15S					520HF	SPECIAL INTEREST +P
		0.23	17	P 5	VOL	15S	+10.62	15S	15S					520HF	SPECIAL INTEREST +P
		0.22	34	P 5	VOL	15S	+24.46	15S	15S					520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		15S	+24.46	15S	15S	0.15	0.10		520HF	SPECIAL INTEREST +P
		0.10	12	P 5	VOL		15S	+15.90	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+15.90	15S	15S	0.15	0.20		520HF	SPECIAL INTEREST +P
		0.18	16	P 5	VOL		15S	+8.88	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+8.88	15S	15S	0.15	0.15		520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+10.29	15S	15S	0.12	0.13		520HF	SPECIAL INTEREST +P
		0.30	0	12	CLP		15S	+0.98	15S	15S	0.12	0.08		520HF	SPECIAL INTEREST +P
			12	P 5	VOL		15S	+10.29	15S	15S				520HF	SPECIAL INTEREST +P
		0.20	4	P 5	VOL		15S	+0.98	15S	15S				520HF	SPECIAL INTEREST +P
78	2	4.62	172	P 1	DNT		LTE	+10.73	14S	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+10.73	LTE	LTE				520HF	SPECIAL INTEREST +P
78	4	0.19	79	P 1	NQI		11S	-0.75	14S	LTE				510UL	510 BOBBIN EXAM
					NDF		11S	-0.75	11S	11S				520HF	SPECIAL INTEREST +P
78	30				NDF		UTS	+0.09	UTS	UTS				520HF	SLV BORDER +POINT
		3.08	168	P 1	DNT		UTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
78	33				NDF		UTS	+0.00	UTS	UTS				520HF	SLV BORDER +POINT
		2.95	174	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
		6.81	178	P 1	DNT		LTE	+6.77	UTE	LTE				510UL	510 BOBBIN EXAM
		0.23	10	P 5	VOL		ETL	+3.05	UTS	ETL	9			520HF	SLV BORDER +POINT
			0	12	CLP		ETL	+3.05	UTS	ETL	0.13	0.12		520HF	SLV BORDER +POINT
		1.57	32	P 5	SCI		ETL	+3.40	UTS	ETL	81			520HF	SLV BORDER +POINT
		0.27	50	P 5	ARC		ETL	+3.40	UTS	ETL				520HF	SLV BORDER +POINT
		0.33	12	P 5	VOL		ETL	+4.72	UTS	ETL	13			520HF	SLV BORDER +POINT
			0	12	CLP		ETL	+4.72	UTS	ETL	0.13	0.18		520HF	SLV BORDER -POINT
78	34				NDF		UTS	+0.00	UTS	UTS				520HF	SLV BORDER +POINT
		3.42	171	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
		0.30	56	P 5	TWD 8		10S	-0.81	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
78	35				NDF		UTS	+0.02	UTS	UTS				520HF	SLV BORDER +POINT
		3.40	175	P 1	DNT		UTS	+0.02	UTE	LTE				540HF	540 BOBBIN EXAM
		0.55	8	3	TWD 27		10S	+10.58	UTE	LTE				540HF	540 BOBBIN EXAM
					NDF		10S	+10.58	10S	10S				520HF	SPECIAL INTEREST +P
78	37	2.83	171	P 1	DNT		UTS	-0.02	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
78	39	3.09	168	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
78	40	3.02	172	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
78	41	2.71	172	P 1	DNT		UTS	-0.05	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-0.05	UTS	UTS				520HF	SPECIAL INTEREST +P
78	42	2.84	172	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
78	43	2.67	175	P 1	DNT		UTS	-0.02	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
78	44	2.95	176	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
78	45	3.07	174	P 1	DNT		UTS	-0.02	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
8	46	3.07	171	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.39	21	P 5	VOL		ETL	+0.51	ETL	ETL	36			520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		ETL	+0.51	ETL	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
		0.82	22	P 5	VOL		ETL	+1.04	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.04	ETL	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
		0.38	16	P 5	VOL		ETL	+1.86	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.86	ETL	ETL	0.13	0.18		520HF	KINETIC EXP +POINT
		0.34	6	P 5	VOL		ETL	+3.12	ETL	ETL	4			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.12	ETL	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
		0.34	10	P 5	VOL		ETL	-3.84	ETL	ETL	9			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-3.84	ETL	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
		0.31	20	P 5	VOL		ETL	+4.85	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.85	ETL	ETL	0.14	0.06		520HF	KINETIC EXP +POINT
78	47	3.36	172	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-0.00	UTE	UTS				520HF	SPECIAL INTEREST +P
78	48	3.38	173	P 1	DNT		UTS	-0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTE	UTS				520HF	SPECIAL INTEREST +P
78	51	3.72	168	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTE	UTS				520HF	SPECIAL INTEREST +P
78	52	2.94	176	P 1	DNT		UTS	-0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-0.00	UTE	UTS				520HF	SPECIAL INTEREST +P
78	53	3.34	171	P 1	DNT		UTS	-0.00	UTE	LTE				510UL	510 BOBBIN EXAM
		0.17	127	P 1	NQI		LCS	-0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LCS	-0.00	UTE	LTE				520HF	SPECIAL INTEREST +P
					NDF		UTS	-0.00	UTE	LTE				520HF	SPECIAL INTEREST +P
78	54	3.59	176	P 1	DNT		UTS	-0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-0.00	UTE	UTS				520HF	SPECIAL INTEREST +P
78	55	3.41	174	P 1	DNT		UTS	-0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-0.00	UTE	UTS				520HF	SPECIAL INTEREST +P
78	57				NDF		UTS	-0.00	UTE	LTE				520HF	SPECIAL INTEREST +P
		3.03	173	P 1	DNT		UTS	-0.00	UTE	LTE				510UL	510 BOBBIN EXAM
78	58	2.57	174	P 1	DNT		UTS	-0.00	UTE	LTE				540HF	540 BOBBIN EXAM
			0	12	CLP		ETL	-1.78	UTE	LTE	0.16	0.12		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.22	UTE	LTE	0.14	0.17		520HF	KINETIC EXP +POINT
		0.23	15	P 5	VOL		ETL	+1.22	UTE	LTE	20			520HF	KINETIC EXP +POINT
		0.50	20	P 5	VOL		ETL	+4.88	UTE	LTE	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.88	UTE	LTE	0.13	0.11		520HF	KINETIC EXP +POINT
		0.35	19	P 5	VOL		ETL	-1.78	UTE	LTE				520HF	KINETIC EXP +POINT
					NDF		UTS	+0.02	UTE	LTE				520HF	KINETIC EXP +POINT
78	60				NDF		UTS	+0.00	UTE	LTE				520HF	SPECIAL INTEREST +P
		2.85	170	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
78	61	2.80	173	P 1	DNT		UTS	+0.09	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.09	UTE	UTS				520HF	SPECIAL INTEREST +P
		0.26	14	P 5	VOL		ETL	+1.85	ETE	ETE	17			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+1.85	ETE	ETE	0.16	0.15		520HF	KINETIC EXP +POINT
		0.27	19	P 5	VOL		ETL	+3.61	ETE	ETE	30			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+3.61	ETE	ETE	0.16	0.15		520HF	KINETIC EXP +POINT
		0.57	16	P 5	VOL		ETL	+4.72	ETE	ETE	22			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+4.72	ETE	ETE	0.16	0.15		520HF	KINETIC EXP +POINT
		0.22	21	P 5	VOL		ETL	+4.82	ETE	ETE	36			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	-4.82	ETE	ETE	0.16	0.10		520HF	KINETIC EXP +POINT
		0.45	16	P 5	VOL		ETL	+3.98	ETE	ETE	22			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+3.98	ETE	ETE	0.16	0.15		520HF	KINETIC EXP +POINT
78	63	0.14	58	3	NQI		LTS	+2.40	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	+2.40	LTS	LTS				520HF	SPECIAL INTEREST +P
78	64	0.52	74	P 2	TWD	12	05S	-0.67	05S	05S	WAR			520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.27	127	P 1	NQI		05S	-0.71	LTE	UTE				510UL	510 BOBBIN EXAM
78	69	18.98	166	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
78	70	15.62	166	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
78	71	9.39	167	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
78	72	4.30	170	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
78	73	3.08	176	P 1	DNT		LTS	-0.13	UTE	LTE				510UL	510 BOBBIN EXAM
78	76	0.94	98	1	MBM		11S	-4.33	11S	11S	HR			520HF	SPECIAL INTEREST +P
		1.70	89	6	ADI		10S	+31.52	UTE	LTE				510UL	510 BOBBIN EXAM
78	79	2.85	162	P 1	DNT		LTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
78	90	0.53	15	P 5	VOL		ETL	-2.20	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.20	UTS	ETL	0.23	0.23		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.42	UTS	ETL	0.23	0.23		520HF	KINETIC EXP +POINT
		0.35	25	P 5	VOL		ETL	+0.42	UTS	ETL	51			520HF	KINETIC EXP +POINT
78	117	0.28	89	P 1	INR		LTE	+7.21	UTE	LTE				510UL	510 BOBBIN EXAM
78	118	5.76	176	P 1	DNT		LTE	+10.70	UTE	LTE				510UL	510 BOBBIN EXAM
78	119	7.29	175	P 1	DNT		LTE	+10.60	UTE	LTE				510UL	510 BOBBIN EXAM
78	121				NDF		LTE	+8.86	LTE	LTE				520HF	SPECIAL INTEREST +P
		2.85	173	P 1	DNT		LTE	+8.86	UTE	LTE				510UL	510 BOBBIN EXAM
78	122	6.35	174	P 1	DNT		LTE	+10.85	UTE	LTE				510UL	510 BOBBIN EXAM
78	125				NDF		15S	-0.09	15S	15S				520HF	SPECIAL INTEREST +P
		0.31	115	P 5	TWD 10		11S	+0.53	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
		3.68	175	P 1	DNT		LTE	+10.21	UTE	LTE				510UL	510 BOBBIN EXAM
		0.25	100	P 5	NQI		15S	-0.09	UTE	LTE				510UL	510 BOBBIN EXAM
79	2	4.37	171	P 1	DNT		LTE	+10.90	14S	LTE				510UL	510 BOBBIN EXAM
		7.78	175	P 1	DNT		LTE	+5.93	14S	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+5.93	LTE	LTE				520HF	SPECIAL INTEREST +P
					NDF		LTE	+10.90	LTE	LTE				520HF	SPECIAL INTEREST +P
79	4	0.85	85	6	ADI		10S	+16.64	14S	LTE				510UL	510 BOBBIN EXAM
					NDF		10S	+16.64	10S	10S				520HF	SPECIAL INTEREST +P
79	8	0.20	77	P 1	NQI		08S	+0.66	14S	LTE				510UL	510 BOBBIN EXAM
		0.33	56	P 2	TWD 10		08S	+0.68	08S	08S	WAR			520HF	SPECIAL INTEREST +P
79	20	0.25	5	P 2	INR		UTS	+6.42	UTE	LTE				540HF	540 BOBBIN EXAM
		0.32	19	P 2	INR		UTS	+5.11	UTE	LTE				540HF	540 BOBBIN EXAM
			0	12	CLP		UTS	+5.21	UTS	UTS	0.13	0.12		520HF	SLV BORDER +POINT
		0.46	20	P 5	VOL		UTS	+5.21	UTS	UTS				520HF	SLV BORDER +POINT
		0.31	16	P 5	VOL		ETL	-0.77	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.77	UTS	ETL	0.16	0.20		520HF	KINETIC EXP +POINT
		0.37	23	P 5	VOL		ETL	+2.36	UTS	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.36	UTS	ETL	0.16	0.23		520HF	KINETIC EXP +POINT
		0.50	19	P 5	VOL		UTS	+5.60	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+5.60	UTS	ETL	0.18	0.12		520HF	KINETIC EXP +POINT
79	23				NDF		11S	-0.73	11S	11S				520HF	SPECIAL INTEREST +P
		0.31	137	P 1	NQI		11S	-0.73	LTE	UTE				510UL	510 BOBBIN EXAM
			0	12	CLP		UTS	+0.58	UTS	UTS	0.09	0.17		520HF	SLV BORDER +POINT
		0.44	12	P 5	VOL		UTS	+0.58	UTS	UTS				520HF	SLV BORDER +POINT
		0.52	7	P 5	VOL		UTS	+0.60	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+0.60	UTS	ETL	0.18	0.20		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
79	24	0.36	9	P 2	BVC		UTS	+2.14	UTE	LTE				540HF	540 BOBBIN EXAM
			0	12	CLP		UTS	+2.09	UTS	UTS	0.09	0.06		520HF	SLV BORDER +POINT
		0.59	15	P 5	VOL		UTS	+2.09	UTS	UTS				520HF	SLV BORDER +POINT
		0.43	18	P 5	VOL		ETL	+3.18	UTS	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.18	UTS	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.67	23	P 5	VOL		ETL	+4.53	UTS	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.53	UTS	ETL	0.23	0.20		520HF	KINETIC EXP +POINT
		0.58	20	P 5	VOL		UTS	+2.14	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+2.14	UTS	ETL	0.23	0.21		520HF	KINETIC EXP +POINT
79	25	2.46	170	P 1	INR		UTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
			0	12	CLP		UTS	+2.14	UTS	UTS	0.18	0.17		520HF	SLV BORDER +POINT
		0.22	20	P 5	VOL		UTS	+2.14	UTS	UTS				520HF	SLV BORDER +POINT
79	29	1.15	27	P 5	VOL		ETL	+2.88	UTS	ETL	58			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.88	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
		0.42	18	P 5	VOL		UTS	+0.62	UTS	ETL				520HF	KINETIC EXP +POINT
		0.59	22	P 5	VOL		UTS	+3.06	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+3.06	UTS	ETL	0.15	0.14		520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+0.62	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
79	32	3.19	170	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
		7.24	177	P 1	DNT		LTE	+6.49	UTE	LTE				510UL	510 BOBBIN EXAM
		0.32	92	P 5	TWD	9	13S	-0.76	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
79	33	3.27	171	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
		7.26	179	P 1	DNT		LTE	+7.27	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
79	34	2.73	169	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
		0.15	71	P 1	NQI		11S	-0.78	UTE	LTE				510UL	510 BOBBIN EXAM
		0.31	89	P 2	TWD	7	11S	-0.74	11S	11S	WAR			520HF	SPECIAL INTEREST +P
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
79	35	2.93	169	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
79	37	2.90	169	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.03	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.34	18	P 5	VOL		ETL	+1.19	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.19	ETL	ETL	0.13	0.18		520HF	KINETIC EXP +POINT
		0.69	19	P 5	VOL		ETL	+2.82	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.82	ETL	ETL	0.13	0.18		520HF	KINETIC EXP +POINT
		2.07	29	P 5	VOL		ETL	+4.00	ETL	ETL	67			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.00	ETL	ETL	0.18	0.24		520HF	KINETIC EXP +POINT
79	38	2.67	172	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
		0.29	64	P 1	NQI		11S	-0.78	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		11S	-0.78	11S	11S				520HF	SPECIAL INTEREST +P
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
79	40	2.77	167	P 1	DNT		UTS	-0.02	UTE	LTE				510UL	510 BOBBIN EXAM
		0.22	10	P 5	VOL		UTS	+3.85	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+3.85	UTS	ETL	0.18	0.16		520HF	KINETIC EXP +POINT
		0.19	6	P 5	VOL		UTS	+5.86	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+5.86	UTS	ETL	0.13	0.11		520HF	KINETIC EXP +POINT
					NDF		UTS	-0.02	UTS	ETL				520HF	KINETIC EXP +POINT
79	41	0.25	99	P 5	TWD	7	11S	-0.79	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
		0.42	16	P 5	VOL		ETL	-0.70	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.70	UTS	ETL	0.18	0.10		520HF	KINETIC EXP +POINT
79	43	2.83	172	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
79	44	2.66	171	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE	INTEREST	+P
					NDF		UTS	UTS	UTS					520HF	SPECIAL		
79	45	2.72	173	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510	BOBBIN	EXAM
		0.67	20	P 5	VOL		ETL	+0.52	UTS	ETL	33			520HF	KINETIC	EXP	+POINT
			0	12	CLP		ETL	+0.52	UTS	ETL	0.18	0.11		520HF	KINETIC	EXP	+POINT
		0.54	19	P 5	VOL		ETL	+2.63	UTS	ETL	30			520HF	KINETIC	EXP	+POINT
			0	12	CLP		ETL	+2.63	UTS	ETL	0.18	0.11		520HF	KINETIC	EXP	+POINT
		0.68	24	P 5	VOL		ETL	+3.64	UTS	ETL	47			520HF	KINETIC	EXP	+POINT
			0	12	CLP		ETL	+3.64	UTS	ETL	0.22	0.22		520HF	KINETIC	EXP	+POINT
					NDF		UTS	+0.00	UTS	ETL				520HF	KINETIC	EXP	+POINT
			0	12	CLP		UTS	+3.37	UTS	ETL	0.14	0.11		520HF	KINETIC	EXP	+POINT
		0.25	7	P 5	VOL		UTS	+3.37	UTS	ETL				520HF	KINETIC	EXP	+POINT
79	46	2.51	172	P 1	DNT		UTS	-0.02	UTE	LTE				510UL	510	BOBBIN	EXAM
					NDF		UTS	-0.02	UTS	UTS				520HF	SPECIAL	INTEREST	+P
79	47	2.74	174	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510	BOBBIN	EXAM
			0	12	CLP		UTS	-0.44	UTS	ETL	0.19	0.15		520HF	KINETIC	EXP	+POINT
		0.32	17	P 5	VOL		ETL	-4.52	UTS	ETL				520HF	KINETIC	EXP	+POINT
			0	12	CLP		ETL	-4.52	UTS	ETL	0.19	0.10		520HF	KINETIC	EXP	+POINT
		0.51	16	P 5	VOL		ETL	-3.67	UTS	ETL				520HF	KINETIC	EXP	+POINT
			0	12	CLP		ETL	-3.67	UTS	ETL	0.19	0.10		520HF	KINETIC	EXP	+POINT
		0.21	12	P 5	VOL		UTS	-0.44	UTS	ETL				520HF	KINETIC	EXP	+POINT
79	49	0.22	73	P 1	NQI		08S	+0.65	UTE	LTE				510UL	510	BOBBIN	EXAM
		0.41	0	P 2	TWD	12	08S	+0.59	08S	08S	WAR			520HF	SPECIAL	INTEREST	+P
79	51	2.80	174	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510	BOBBIN	EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL	INTEREST	+P
79	52	2.79	171	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510	BOBBIN	EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL	INTEREST	+P
79	53	2.87	169	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510	BOBBIN	EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL	INTEREST	+P
79	57	2.95	174	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510	BOBBIN	EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL	INTEREST	+P
79	58				NDF		UTS	-0.11	UTS	UTS				520HF	SPECIAL	INTEREST	+P
		0.56	16	P 5	INR		ETL	-0.07	ETL	ETL				520HF	KINETIC	EXP	+POINT
		2.63	169	P 1	DNT		UTS	-0.11	LTE	UTE				510UL	510	BOBBIN	EXAM
79	59	0.08	29	P 5	VOL		ETL	-0.18	ETL	ETL				520HF	KINETIC	EXP	+POINT
			90	12	CLP		ETL	-0.18	ETL	ETL	0.16	0.15		520HF	KINETIC	EXP	+POINT
		0.55	20	P 5	VOL		ETL	+0.49	ETL	ETL	33			520HF	KINETIC	EXP	+POINT
			90	12	CLP		ETL	+0.49	ETL	ETL	0.21	0.15		520HF	KINETIC	EXP	+POINT
79	60	1.59	29	P 5	VOL		ETL	+1.89	ETL	ETL	67			520HF	KINETIC	EXP	+POINT
			0	12	CLP		ETL	+1.89	ETL	ETL	0.24	0.18		520HF	KINETIC	EXP	+POINT
		0.32	23	P 5	VOL		ETL	+4.83	ETL	ETL	43			520HF	KINETIC	EXP	+POINT
			0	12	CLP		ETL	+4.83	ETL	ETL	0.16	0.12		520HF	KINETIC	EXP	+POINT
79	62	0.28	20	P 5	VOL		ETL	-4.75	UTS	ETL				520HF	KINETIC	EXP	+POINT
			0	12	CLP		ETL	-0.10	UTS	ETL	0.18	0.15		520HF	KINETIC	EXP	+POINT
		0.56	8	P 5	VOL		ETL	-0.10	UTS	ETL				520HF	KINETIC	EXP	+POINT
		0.02	207	P 1	INR		ETL	+4.49	UTS	ETL				520HF	KINETIC	EXP	+POINT
			0	12	CLP		ETL	-4.75	UTS	ETL	0.12	0.13		520HF	KINETIC	EXP	+POINT
79	64		90	12	CLP		ETL	+2.89	ETL	ETL	0.16	0.15		520HF	KINETIC	EXP	+POINT
		0.23	6	P 5	VOL		ETL	+2.89	ETL	ETL	4			520HF	KINETIC	EXP	+POINT
79	66				NDF		UTS	+0.04	UTS	UTS				520HF	SPECIAL	INTEREST	+P
		2.52	181	P 1	DNT		UTS	+0.04	LTE	UTE				510UL	510	BOBBIN	EXAM
79	72	12.28	165	P 1	DNT		LTS	+0.13	LTE	UTE				510UL	510	BOBBIN	EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
79	73	28.74	169	P 1	DNT		LTS	-0.36	LTE	UTE				510UL	510 BOBBIN EXAM
79	74	17.19	166	P 1	DNT		LTS	+0.24	LTE	UTE				510UL	510 BOBBIN EXAM
79	75	4.34	167	P 1	DNT		LTS	-0.40	LTE	UTE				510UL	510 BOBBIN EXAM
79	77	3.58	174	P 1	DNT		LTS	-0.07	UTE	LTE				510UL	510 BOBBIN EXAM
79	78	3.35	175	P 1	DNT		LTS	-0.15	UTE	LTE				540HF	540 BOBBIN EXAM
79	81	3.09	166	P 1	DNT		LTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
79	82	3.01	164	P 1	DNT		LTS	-0.02	UTE	LTE				510UL	510 BOBBIN EXAM
79	83	3.34	170	P 1	DNT		LTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
		0.49	17	P 5	VOL		ETL	+3.33	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.33	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
79	84				NDF		03S	-11.42	03S	03S				520HF	SPECIAL INTEREST +P
		0.51	100	3	NQI		02S	+27.58	UTE	LTE				510UL	510 BOBBIN EXAM
79	85	0.08	159	3	INR		15S	+20.43	UTE	LTE				510UL	510 BOBBIN EXAM
		0.09	152	3	INR		15S	+19.50	UTE	LTE				510UL	510 BOBBIN EXAM
79	88				NDF		15S	-8.55	15S	15S				520HF	SPECIAL INTEREST +P
		0.27	120	3	NQI		14S	+26.45	UTE	LTE				510UL	510 BOBBIN EXAM
79	92				NDF		UTS	+0.55	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.21	128	P 2	NQI		UTS	+0.55	UTE	LTE				510UL	510 BOBBIN EXAM
79	97				NDF		13S	-5.21	13S	13S				520HF	SPECIAL INTEREST +P
		1.16	41	6	ADI		12S	+31.79	UTE	LTE				510UL	510 BOBBIN EXAM
79	99				NDF		13S	-6.55	13S	13S				520HF	SPECIAL INTEREST +P
		0.05	85	3	INR		15S	+40.27	UTE	LTE				510UL	510 BOBBIN EXAM
		1.34	52	6	ADI		12S	+30.45	UTE	LTE				510UL	510 BOBBIN EXAM
79	101	0.01	81	3	INR		15S	+43.36	UTE	LTE				510UL	510 BOBBIN EXAM
		0.03	141	3	INR		15S	+25.81	UTE	LTE				510UL	510 BOBBIN EXAM
79	103	0.04	52	3	INR		10S	+30.24	UTE	LTE				510UL	510 BOBBIN EXAM
79	122				NDF		15S	+21.49	15S	15S				520HF	SPECIAL INTEREST +P
					NDF		15S	+15.38	15S	15S				520HF	SPECIAL INTEREST +P
		3.70	83	6	ADI		15S	+21.49	UTE	LTE				510UL	510 BOBBIN EXAM
		0.93	90	6	ADI		15S	+15.38	UTE	LTE				510UL	510 BOBBIN EXAM
79	123	3.90	177	P 1	DNT		LTE	+9.09	UTE	LTE				510UL	510 BOBBIN EXAM
79	124	5.83	174	P 1	DNT		LTE	+9.18	UTE	LTE				510UL	510 BOBBIN EXAM
79	130	2.91	174	P 1	DNT		LTE	+10.70	UTE	LTE				540HF	540 BOBBIN EXAM
		0.37	13	P 2	BVC		UTS	+5.31	UTE	LTE				540HF	540 BOBBIN EXAM
		0.27	13	P 2	BVC		UTS	+0.64	UTE	LTE				540HF	540 BOBBIN EXAM
		0.58	24	P 5	VOL		UTS	-0.60	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	-0.60	UTS	ETL	0.18	0.17		520HF	KINETIC EXP +POINT
		0.87	28	P 5	VOL		UTS	-0.28	UTS	ETL	0.18	0.17		520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	-0.28	UTS	ETL	0.18	0.17		520HF	KINETIC EXP +POINT
		0.74	24	P 5	VOL		UTS	+0.21	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+0.21	UTS	ETL	0.23	0.17		520HF	KINETIC EXP +POINT
		1.03	24	P 5	VOL		UTS	+0.68	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+0.68	UTS	ETL	0.23	0.23		520HF	KINETIC EXP +POINT
		0.18	51	P 5	INR		UTS	+3.94	UTS	ETL				520HF	KINETIC EXP +POINT
		0.28	14	P 5	VOL		ETL	-1.01	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.01	UTS	ETL	0.23	0.17		520HF	KINETIC EXP +POINT
		0.46	11	P 5	VOL		UTS	+5.58	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+5.58	UTS	ETL	0.23	0.17		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.56	18	P	5		UTS	+5.71	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+5.71	UTS	ETL	0.23	0.23		520HF	KINETIC EXP +POINT
80	2	7.86	174	P	1	DNT	LTE	+5.93	14S	LTE				510UL	510 BOBBIN EXAM
80	15					NDF	UTS	-6.85	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.21	104	3		NQI	15S	-39.53	LTE	UTE				510UL	510 BOBBIN EXAM
80	16					NDF	UTS	-7.50	UTS	UTS				520HF	SPECIAL INTEREST +P
						NDF	UTS	-6.70	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.19	99	3		NQI	15S	+38.88	LTE	UTE				510UL	510 BOBBIN EXAM
		0.21	121	3		NQI	15S	-39.60	LTE	UTE				510UL	510 BOBBIN EXAM
80	19					NDF	UTS	-7.70	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.30	103	3		NQI	15S	+38.88	LTE	UTE				510UL	510 BOBBIN EXAM
80	20					NDF	UTS	-8.00	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.38	99	3		NQI	15S	+38.88	LTE	UTE				510UL	510 BOBBIN EXAM
80	21	0.96	24	P	5	VOL	ETL	-0.00		ETL	0.15	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.00		ETL				520HF	KINETIC EXP +POINT
						NDF	UTS	-0.00		UTS				520HF	SPECIAL INTEREST +P
		0.30	63	P	1	NQI	UTS	-0.00		UTE				510UL	510 BOBBIN EXAM
80	23	0.30	6	P	5	VOL	ETL	-0.00		ETL	0.10	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.00		ETL				520HF	KINETIC EXP +POINT
80	24	0.37	18	P	5	VOL	ETL	-0.00		ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.00		ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.19	17	P	5	VOL	ETL	-0.00		ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.00		ETL	0.14	0.17		520HF	KINETIC EXP +POINT
80	26	0.42	15	P	5	VOL	ETL	-0.00		ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.00		ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.18	12	P	5	VOL	ETL	+0.00		ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.00		ETL	0.14	0.11		520HF	KINETIC EXP +POINT
						NDF	UTS	-0.00		UTE				520HF	SPECIAL INTEREST +P
						NDF	01S	+0.00		UTE				520HF	SPECIAL INTEREST +P
		4.46	177	P	1	DNT	01S	+0.00		UTE				510UL	510 BOBBIN EXAM
		0.23	121	3		NQI	15S	-38.77		UTE				510UL	510 BOBBIN EXAM
80	29	0.24	14	P	5	VOL	ETL	+0.00		ETL	17			520HF	KINETIC EXP +POINT
		0.21	8	P	5	VOL	ETL	+3.26		ETL	6			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.26		ETL	0.05	0.05		520HF	KINETIC EXP +POINT
		0.30	14	P	5	VOL	ETL	+3.75		ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.00		ETL	0.10	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.75		ETL	0.15	0.10		520HF	KINETIC EXP +POINT
80	30	0.61	36	P	5	VOL	ETL	-4.15	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-4.15	UTS	ETL	0.18	0.18		520HF	KINETIC EXP +POINT
		0.37	12	P	5	VOL	ETL	+1.06	UTS	ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.06	UTS	ETL	0.13	0.20		520HF	KINETIC EXP +POINT
		0.32	22	P	5	VOL	ETL	+3.92	UTS	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.92	UTS	ETL	0.20	0.17		520HF	KINETIC EXP +POINT
		0.78	22	P	5	VOL	ETL	+4.30	UTS	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.30	UTS	ETL	0.18	0.15		520HF	KINETIC EXP +POINT
		0.97	25	P	5	VOL	UTS	+0.14	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+0.14	UTS	ETL	0.18	0.15		520HF	KINETIC EXP +POINT
80	31	0.16	106	P	5	TWD 5	11S	-0.80	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
80	34	0.52	56	3		NQI	07S	+30.24	UTE	LTE				510UL	510 BOBBIN EXAM
						NDF	08S	-9.76	08S	08S				520HF	SPECIAL INTEREST +P
		2.22	34	P	5	SCI	ETL	+4.73	UTS	ETL	91			520HF	KINETIC EXP +POINT
		0.22	41	P	5	ARC	ETL	+4.73	UTS	ETL				520HF	KINETIC EXP +POINT
		0.71	19	P	5	VOL	ETL	+1.45	UTS	ETL	30			520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	1TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		ETL	+1.45	UTS	ETL	0.19	0.17		520HF	KINETIC EXP +POINT
		0.22	11	P 5	VOL		ETL	+0.77	UTS	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.77	UTS	ETL	0.13	0.16		520HF	KINETIC EXP +POINT
		0.30	27	P 5	VOL		ETL	-0.62	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.62	UTS	ETL	0.18	0.21		520HF	KINETIC EXP +POINT
80	35	0.23	40	P 1	NQI		09S	-0.80	UTE	LTE				510UL	510 BOBBIN EXAM
		0.50	86	P 2	TWD 11		09S	-0.67	09S	09S	WAR			520HF	SPECIAL INTEREST +P
80	37	0.20	88	P 5	TWD 6		05S	-0.83	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
		0.58	25	P 5	VOL		ETL	+1.74	ETL	ETL	51			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.74	ETL	ETL	0.19	0.17		520HF	KINETIC EXP +POINT
80	41	2.50	176	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
80	46	0.19	11	P 5	VOL		ETL	-2.32	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.32	UTS	ETL	0.19	0.10		520HF	KINETIC EXP +POINT
		0.17	10	P 5	VOL		ETL	-0.97	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.97	UTS	ETL	0.14	0.10		520HF	KINETIC EXP +POINT
		0.15	5	P 5	VOL		ETL	-1.27	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.27	UTS	ETL	0.14	0.15		520HF	KINETIC EXP +POINT
		0.16	11	P 5	VOL		ETL	-1.00	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.00	UTS	ETL	0.09	0.10		520HF	KINETIC EXP +POINT
		0.28	17	P 5	VOL		ETL	+1.02	UTS	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.02	UTS	ETL	0.19	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.38	UTS	ETL	0.14	0.10		520HF	KINETIC EXP +POINT
		0.19	11	P 5	VOL		ETL	-2.38	UTS	ETL				520HF	KINETIC EXP +POINT
80	47	0.24	17	P 5	VOL		ETL	+3.05	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.05	ETL	ETL	0.18	0.17		520HF	KINETIC EXP +POINT
80	51	0.45	6	P 5	VOL		ETL	+1.39	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.39	ETL	ETL	0.28	0.34		520HF	KINETIC EXP +POINT
		0.31	13	P 5	VOL		ETL	+3.34	ETL	ETL	37			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.34	ETL	ETL	0.17	0.14		520HF	KINETIC EXP +POINT
		0.89	24	P 5	VOL		ETL	+3.55	ETL	ETL	47			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.55	ETL	ETL	0.23	0.17		520HF	KINETIC EXP +POINT
80	52	0.88	27	P 5	VOL		ETL	+1.75	ETL	ETL	58			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.75	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
80	56	0.12	6	P 5	VOL		ETL	-0.85	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.85	UTS	ETL	0.09	0.15		520HF	KINETIC EXP +POINT
80	57	0.33	16	P 5	VOL		ETL	+0.10	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.10	ETL	ETL	0.20	0.18		520HF	KINETIC EXP +POINT
		0.25	19	P 5	VOL		ETL	+1.18	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.18	ETL	ETL	0.20	0.18		520HF	KINETIC EXP +POINT
80	58		0	12	CLP		ETL	-0.20	ETL	ETL	0.11	0.07		520HF	KINETIC EXP +POINT
		0.93	21	P 5	VOL		ETL	+0.09	ETL	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.09	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
		0.13	16	P 5	VOL		ETL	+1.71	ETL	ETL	22			520HF	KINETIC EXP +POINT
		0.74	24	P 5	VOL		ETL	-0.20	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.71	ETL	ETL	0.11	0.07		520HF	KINETIC EXP +POINT
		0.29	17	P 5	VOL		ETL	+4.22	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.22	ETL	ETL	0.16	0.07		520HF	KINETIC EXP +POINT
80	59	0.23	11	P 5	VOL		ETL	+2.68	ETL	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.68	ETL	ETL	0.16	0.12		520HF	KINETIC EXP +POINT
		0.29	11	P 5	VOL		ETL	+2.89	ETL	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.89	ETL	ETL	0.18	0.17		520HF	KINETIC EXP +POINT
80	62	0.38	5	3	BVC		15S	+35.94	LTE	UTE				540HF	540 BOBBIN EXAM
			0	12	CLP		UTS	-10.55	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
		0.42	14	P 5	VOL		UTS	-10.55	UTS	UTS				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	&TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
80	73	0.17	12	P 5	VOL	ETL	+0.68	ETL	ETL	13				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.68	ETL	ETL	0.11	0.15			520HF	KINETIC EXP +POINT
		0.27	16	P 5	VOL	ETL	+2.20	ETL	ETL	22				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.20	ETL	ETL	0.16	0.20			520HF	KINETIC EXP +POINT
		0.19	18	P 5	VOL	ETL	+4.40	ETL	ETL	27				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+4.40	ETL	ETL	0.11	0.20			520HF	KINETIC EXP +POINT
		0.29	13	P 5	VOL	ETL	+1.74	ETL	ETL	15				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.74	ETL	ETL	0.16	0.20			520HF	KINETIC EXP +POINT
		3.44	165	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
80	74	11.80	166	P 1	DNT	LTS	-0.34	LTE	UTE					510UL	510 BOBBIN EXAM
80	75	5.27	166	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
80	76	4.22	170	P 1	DNT	LTS	-0.31	LTE	UTE					510UL	510 BOBBIN EXAM
80	77	0.54	5	3	TWD	17 06S	+15.21	LTE	UTE					540HF	540 BOBBIN EXAM
					NDF	06S	+15.21	06S	06S					520HF	SPECIAL INTEREST +P
80	78		0	12	CLP	ETL	-0.54	UTS	ETL	0.18	0.17			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.83	UTS	ETL	0.18	0.17			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.48	UTS	ETL	0.18	0.17			520HF	KINETIC EXP +POINT
		0.37	30	P 5	VOL	ETL	-0.83	UTS	ETL					520HF	KINETIC EXP +POINT
		0.36	27	P 5	VOL	ETL	-0.54	UTS	ETL					520HF	KINETIC EXP +POINT
		0.43	21	P 5	VOL	ETL	+0.48	UTS	ETL	36				520HF	KINETIC EXP +POINT
80	79	2.94	175	P 1	DNT	LTS	-0.07	UTE	LTE					510UL	510 BOBBIN EXAM
80	83	3.28	167	P 1	DNT	LTS	+0.05	UTE	LTE					510UL	510 BOBBIN EXAM
80	86	2.98	173	P 1	DNT	LTS	-0.04	UTE	LTE					510UL	510 BOBBIN EXAM
80	120	0.21	24	P 5	VOL	ETL	-1.10	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-1.10	UTS	ETL	0.23	0.17			520HF	KINETIC EXP +POINT
80	124	0.09	90	P 1	INR	01S	+0.06	UTE	LTE					510UL	510 BOBBIN EXAM
80	126	3.31	176	P 1	DNT	LTE	+8.60	UTE	LTE					510UL	510 BOBBIN EXAM
81	25	0.69	21	P 5	VOL	ETL	+0.03	ETL	ETL	36				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.03	ETL	ETL	0.10	0.05			520HF	KINETIC EXP +POINT
		1.13	23	P 5	VOL	ETL	+3.22	ETL	ETL	43				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.22	ETL	ETL	0.05	0.05			520HF	KINETIC EXP +POINT
		0.63	24	P 5	VOL	ETL	+3.59	ETL	ETL	47				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.59	ETL	ETL	0.05	0.05			520HF	KINETIC EXP +POINT
81	31	0.66	23	P 5	VOL	ETL	+1.88	ETL	ETL	43				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.88	ETL	ETL	0.10	0.10			520HF	KINETIC EXP +POINT
		1.02	38	P 5	VOL	ETL	+3.44	ETL	ETL	99				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.44	ETL	ETL	0.15	0.10			520HF	KINETIC EXP +POINT
		1.25	16	P 5	VOL	ETL	+3.72	ETL	ETL	22				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.72	ETL	ETL	0.15	0.10			520HF	KINETIC EXP +POINT
81	49	0.17	74	3	NQI	15S	+34.30	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	UTS	-12.07	UTS	UTS					520HF	SPECIAL INTEREST +P
81	60	0.27	16	P 5	VOL	ETL	+1.74	ETL	ETL	22				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.74	ETL	ETL	0.16	0.13			520HF	KINETIC EXP +POINT
81	62	0.18	25	P 5	VOL	ETL	-1.51	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-1.51	UTS	ETL	0.12	0.15			520HF	KINETIC EXP +POINT
		0.51	32	P 5	VOL	ETL	-1.10	UTS	ETL					520HF	KINETIC EXP +POINT
		0.45	20	P 5	VOL	ETL	+1.94	UTS	ETL	33				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.94	UTS	ETL	0.16	0.19			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-1.10	UTS	ETL	0.21	0.22			520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
81	71	0.31	13	P 5	VOL		ETL +2.14	UTS	ETL	15				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +2.14	UTS	ETL	0.21	0.15			520HF	KINETIC EXP +POINT
		0.40	15	P 5	VOL		ETL +0.00	UTS	ETL	20				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +0.00	UTS	ETL	0.18	0.16			520HF	KINETIC EXP +POINT
81	76	3.27	169	P 1	DNT		LTS +0.00	LTE	UTE					510UL	510 BOBBIN EXAM
81	81				NDF		LTS +1.91	LTS	LTS					520HF	SPECIAL INTEREST +P
		0.18	116	P 2	NQI		LTS -1.91	UTE	LTE					510UL	510 BOBBIN EXAM
81	85	4.73	167	P 1	DNT		LTS -0.07	UTE	LTE					510UL	510 BOBBIN EXAM
81	86				NDF		15S -16.42	15S	15S					520HF	SPECIAL INTEREST +P
					NDF		15S -12.26	15S	15S					520HF	SPECIAL INTEREST +P
		3.79	170	P 1	DNT		LTS -0.07	UTE	LTE					510UL	510 BOBBIN EXAM
		0.17	87	3	NQI		14S +22.74	UTE	LTE					510UL	510 BOBBIN EXAM
		0.21	65	3	NQI		14S +18.58	UTE	LTE					510UL	510 BOBBIN EXAM
81	92		0	12	CLP		UTS -4.23	UTS	UTS	0.23	0.17			520HF	SPECIAL INTEREST +P
		0.56	23	P 5	VOL		UTS -4.23	UTS	UTS					520HF	SPECIAL INTEREST +P
		0.21	17	P 5	VOL		UTS -5.53	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS -5.53	UTS	UTS	0.17	0.13			520HF	SPECIAL INTEREST +P
		0.41	10	3	TWD 33		15S +42.26	UTE	LTE					540HF	540 BOBBIN EXAM
			0	12	CLP		UTS +0.72	UTS	ETL	0.23	0.23			520HF	KINETIC EXP +POINT
		0.26	7	P 5	VOL		UTS +0.72	UTS	ETL					520HF	KINETIC EXP +POINT
81	124	3.59	175	P 1	DNT		LTE +9.17	UTE	LTE					510UL	510 BOBBIN EXAM
81	131	3.35	173	P 1	DNT		LTE +10.95	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF		LTE +10.95	LTE	LTE					520HF	SPECIAL INTEREST +P
82	8	0.16	79	P 5	TWD 5		09S -0.80	14S	LTE	WAR				510UL	510 BOBBIN EXAM
82	22	0.73	26	P 5	SCI		ETL +1.51	ETL	ETL	54				520HF	KINETIC EXP +POINT
		0.21	38	P 5	ARC		ETL +1.51	ETL	ETL					520HF	KINETIC EXP +POINT
82	24	0.33	19	P 5	VOL		ETL +1.78	ETL	ETL	30				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +1.78	ETL	ETL	0.05	0.05			520HF	KINETIC EXP +POINT
		0.59	22	P 5	VOL		ETL +2.14	ETL	ETL	40				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +2.14	ETL	ETL	0.05	0.05			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +2.58	ETL	ETL	0.05	0.05			520HF	KINETIC EXP +POINT
		0.53	31	P 5	VOL		ETL +4.43	ETL	ETL	76				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +4.43	ETL	ETL	0.05	0.05			520HF	KINETIC EXP +POINT
		0.49	41	P 5	VOL		ETL +2.58	ETL	ETL	98				520HF	KINETIC EXP +POINT
82	25	0.32	20	P 5	VOL		ETL +2.38	ETL	ETL	33				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +2.38	ETL	ETL	0.15	0.11			520HF	KINETIC EXP +POINT
		0.17	28	P 5	VOL		ETL +4.07	ETL	ETL	63				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +4.07	ETL	ETL	0.10	0.11			520HF	KINETIC EXP +POINT
82	26	0.19	18	P 5	VOL		ETL +0.64	ETL	ETL	27				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +0.64	ETL	ETL	0.15	0.15			520HF	KINETIC EXP +POINT
		1.43	35	P 5	SCI		ETL +1.51	ETL	ETL	96				520HF	KINETIC EXP +POINT
		0.25	46	P 5	ARC		ETL +1.51	ETL	ETL					520HF	KINETIC EXP +POINT
		0.47	18	P 5	VOL		ETL +1.82	ETL	ETL	27				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +1.82	ETL	ETL	0.10	0.10			520HF	KINETIC EXP +POINT
		0.26	12	P 5	VOL		ETL -2.20	ETL	ETL	13				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +2.20	ETL	ETL	0.10	0.10			520HF	KINETIC EXP +POINT
82	36	0.45	14	P 5	VOL		ETL +3.10	ETL	ETL	17				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +3.10	ETL	ETL	0.14	0.17			520HF	KINETIC EXP +POINT
82	42	0.73	23	P 5	VOL		ETL -1.84	ETL	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -1.84	ETL	ETL	0.14	0.11			520HF	KINETIC EXP +POINT
82	45	0.28	19	P 5	VOL		ETL +1.44	ETL	ETL	30				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +1.44	ETL	ETL	0.19	0.22			520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
82	49	0.26	78	P 5	TWD 8		08S	+0.73	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
82	54	0.41	18	P 5	VOL		ETL	+3.00	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.00	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
82	55	0.37	14	P 5	VOL		ETL	-1.85	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.85	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
		0.43	19	P 5	VOL		ETL	+1.95	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.95	ETL	ETL	0.19	0.11		520HF	KINETIC EXP +POINT
		0.33	16	P 5	VOL		ETL	+3.38	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.38	ETL	ETL	0.19	0.17		520HF	KINETIC EXP +POINT
82	59	0.25	24	P 5	VOL		ETL	+3.17	ETL	ETL	47			520HF	KINETIC EXP +POINT
				12	CLP		ETL	+3.17	ETL	ETL	0.16	0.12		520HF	KINETIC EXP +POINT
82	61	0.21	14	P 5	VOL		ETL	+1.53	ETL	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.53	ETL	ETL	0.18	0.17		520HF	KINETIC EXP +POINT
		0.25	11	P 5	VOL		ETL	+5.19	ETL	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+5.19	ETL	ETL	0.16	0.12		520HF	KINETIC EXP +POINT
82	62	0.32	94	P 2	TWD 8		05S	-0.68	05S	05S	WAR			520HF	SPECIAL INTEREST +P
		0.26	144	P 1	NQI		05S	-0.62	LTE	UTE				510UL	510 BOBBIN EXAM
82	63	0.22	112	P 5	TWD 6		05S	-0.60	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
82	78	2.91	166	P 1	DNT		LTS	-0.04	UTE	LTE				510UL	510 BOBBIN EXAM
		0.39	16	P 5	VOL		ETL	+1.32	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.32	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
82	84	4.97	168	P 1	DNT		LTS	-0.02	UTE	LTE				510UL	510 BOBBIN EXAM
82	85	10.22	169	P 1	DNT		LTS	-0.02	UTE	LTE				510UL	510 BOBBIN EXAM
82	86	2.52	183	P 1	DNT		LTS	-0.13	UTE	LTE				510UL	510 BOBBIN EXAM
82	94	0.51	20	P 5	VOL		ETL	+0.87	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.87	ETL	ETL	0.14	0.10		520HF	KINETIC EXP +POINT
82	107	2.38	177	P 1	INR		12S	+22.51	UTE	LTE				510UL	510 BOBBIN EXAM
			0	12	CLP		ETL	-0.41	UTS	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
		0.34	55	2	INR		ETL	+0.10	UTS	ETL				520HF	KINETIC EXP +POINT
		0.64	29	P 5	VOL		ETL	+1.31	UTS	ETL	67			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.31	UTS	ETL	0.16	0.17		520HF	KINETIC EXP +POINT
		0.24	7	P 5	VOL		ETL	-0.41	UTS	ETL				520HF	KINETIC EXP +POINT
82	124	3.18	174	P 1	DNT		LTE	+9.57	UTE	LTE				510UL	510 BOBBIN EXAM
83	1	2.60	167	P 1	DNT		LTE	+10.75	14S	LTE				510UL	510 BOBBIN EXAM
83	2	0.58	1	3	INR		12S	+18.21	14S	LTE				540HF	540 BOBBIN EXAM
83	16	0.46	20	P 5	VOL		ETL	-0.01	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.01	UTS	ETL	0.18	0.17		520HF	KINETIC EXP +POINT
83	17	0.58	7	3	TWD 23		15S	+35.16	UTE	LTE				540HF	540 BOBBIN EXAM
		0.53	10	3	TWD 33		15S	+32.21	UTE	LTE				540HF	540 BOBBIN EXAM
			0	12	CLP		UTS	-11.00	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-13.81	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.33	20	P 5	VOL		UTS	-11.00	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.42	19	P 5	VOL		UTS	-13.81	UTS	UTS				520HF	SPECIAL INTEREST +P
83	28				NDF		LTE	+4.24	LTE	LTE				520HF	SPECIAL INTEREST +P
		0.42	103	P 2	NQI		LTE	+4.24	LTE	UTE				510UL	510 BOBBIN EXAM
83	29	2.89	18	P 5	VOL		UTS	-12.70	UTS	UTS				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		UTS	-12.70	UTS	UTS	0.19	0.15	2	520HF	SPECIAL INTEREST +P
		0.18	13	P 5	VOL		12S	+1.12	12S	12S				520HF	SPECIAL INTEREST +P
			0	12	CLP		12S	+1.12	12S	12S	0.10	0.15		520HF	SPECIAL INTEREST +P
		0.56	5	P 1	TWD 17		12S	+1.07	UTE	LTE				540HF	540 BOBBIN EXAM
		0.34	9	3	BVC		15S	+33.79	UTE	LTE				540HF	540 BOBBIN EXAM
83	32	0.22	65	P 1	NQI		09S	-0.80	UTE	LTE				510UL	510 BOBBIN EXAM
		0.47	81	P 2	TWD 11		09S	-0.75	09S	09S	WAR			520HF	SPECIAL INTEREST +P
83	39	0.40	20	P 5	VOL		ETL	-0.61	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.61	UTS	ETL	0.14	0.15		520HF	KINETIC EXP +POINT
83	49	0.25	23	P 5	VOL		ETL	-0.38	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.38	UTS	ETL	0.13	0.11		520HF	KINETIC EXP +POINT
83	60	0.53	19	P 5	VOL		ETL	+2.77	UTS	ETL	30			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+2.77	UTS	ETL	0.16	0.12		520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+1.03	UTS	ETL	0.16	0.12		520HF	KINETIC EXP +POINT
		0.29	20	P 5	VOL		ETL	+1.01	UTS	ETL	33			520HF	KINETIC EXP +POINT
83	61	0.31	20	P 5	VOL		ETL	-0.84	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.84	UTS	ETL	0.11	0.14		520HF	KINETIC EXP +POINT
		0.29	18	P 5	VOL		ETL	+1.88	UTS	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.88	UTS	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
83	72	2.91	159	P 1	DNT		LTS	-0.01	UTE					510UL	510 BOBBIN EXAM
83	73	7.33	164	P 1	DNT		LTS	+0.01	UTE					510UL	510 BOBBIN EXAM
83	74	3.07	156	P 1	DNT		LTS	-0.01	UTE					510UL	510 BOBBIN EXAM
83	85	3.98	164	P 1	DNT		LTS	+0.01	UTE					510UL	510 BOBBIN EXAM
83	86	11.45	166	P 1	DNT		LTS	+0.01	UTE					510UL	510 BOBBIN EXAM
83	87	3.77	175	P 1	DNT		LTS	+0.01	UTE					510UL	510 BOBBIN EXAM
83	101		0	12	CLP		13S	+7.93	UTE		0.14	0.15		520HF	SPECIAL INTEREST +P
			0	12	CLP		13S	+1.69	UTE		0.19	0.15		520HF	SPECIAL INTEREST +P
		0.26	15	P 5	VOL		13S	+7.93	UTE					520HF	SPECIAL INTEREST +P
		0.39	8	P 5	VOL		13S	+1.69	UTE					520HF	SPECIAL INTEREST +P
		0.45	7	3	TWD 23		13S	+7.72	UTE					540HF	540 BOBBIN EXAM
		0.60	7	3	TWD 23		13S	+1.75	UTE					540HF	540 BOBBIN EXAM
83	113	0.13	95	P 1	INR		LTE	+7.84	UTE	LTE				510UL	510 BOBBIN EXAM
83	116	2.65	176	P 1	DNT		LTE	+9.77	UTE	LTE				510UL	510 BOBBIN EXAM
83	128	0.86	89	1	MBM		15S	-16.84	UTE	15S	HR			520HF	SPECIAL INTEREST +P
		1.38	76	6	ADI		14S	+18.67	UTE	LTE				510UL	510 BOBBIN EXAM
		4.41	172	P 1	DNT		LTE	+11.15	UTE	LTE				510UL	510 BOBBIN EXAM
83	130	4.55	172	P 1	DNT		LTE	+10.96	UTE	LTE				510UL	510 BOBBIN EXAM
83	131	0.45	20	P 5	VOL		ETL	-4.67	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-4.67	UTS	ETL	0.27	0.23		520HF	KINETIC EXP +POINT
		0.50	14	P 5	VOL		ETL	-3.26	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-3.26	UTS	ETL	0.27	0.23		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.51	UTS	ETL	0.27	0.23		520HF	KINETIC EXP +POINT
		1.01	26	P 5	VOL		ETL	+1.51	UTS	ETL	54			520HF	KINETIC EXP +POINT
84	2	0.25	65	P 5	TWD 7		12S	+0.64	14S	LTE	WAR			510UL	510 BOBBIN EXAM
94	6	0.30	86	P 1	NQI		09S	-0.82	14S	LTE				510UL	510 BOBBIN EXAM
		0.60	89	P 2	TWD 9		09S	-0.72	09S	09S	WAR			520HF	SPECIAL INTEREST +P
84	8				NDF		LTS	+2.95	LTS	LTS				460HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		4.43	177	P	1	DNT	LTS	-0.66	LTE	UTE				510UL	510 BOBBIN EXAM
		2.64	175	P	1	DNT	LTS	+1.99	LTE	UTE				510UL	510 BOBBIN EXAM
		4.73	170	P	1	DNT	LTS	+2.26	LTE	UTE				510UL	510 BOBBIN EXAM
		7.90	178	P	1	DNT	LTS	+2.95	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	LTS	-0.66	LTS	LTS				520HF	SPECIAL INTEREST +P
						NDF	LTS	+1.99	LTS	LTS				520HF	SPECIAL INTEREST +P
						NDF	LTS	+2.26	LTS	LTS				520HF	SPECIAL INTEREST +P
84	14					NDF	01S	-15.11	01S	01S				520HF	SPECIAL INTEREST +P
		2.95	174	P	1	DNT	LTS	+30.69	LTE	UTE				510UL	510 BOBBIN EXAM
84	32	0.29	22	F	5	VOL	ETL	-0.92	UTS	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-0.92	UTS	ETL	0.17	0.16		520HF	KINETIC EXP +POINT
		0.36	14	P	5	VOL	ETL	+2.02	UTS	ETL	17			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+2.02	UTS	ETL	0.17	0.16		520HF	KINETIC EXP +POINT
84	62	0.19	16	P	5	VOL	ETL	-0.40	ETL	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-0.40	ETL	ETL	0.11	0.14		520HF	KINETIC EXP +POINT
84	69	2.58	167	P	1	DNT	LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
84	71	4.32	163	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
84	72	15.52	167	P	1	DNT	LTS	+0.03	LTE	UTE				540HF	540 BOBBIN EXAM
		0.63	8		3	TWD 27	09S	+24.52	LTE	UTE				540HF	540 BOBBIN EXAM
		0.56	10		3	TWD 33	10S	-20.31	LTE	UTE				540HF	540 BOBBIN EXAM
						NDF	11S	-15.69	11S	11S				520HF	SPECIAL INTEREST +P
						NDF	10S	-15.48	11S	10S				520HF	SPECIAL INTEREST +P
84	73	10.55	165	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
84	74	3.26	161	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
84	75	2.64	170	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
84	81	0.30	13	P	5	VOL	ETL	+2.34	UTS	ETL	15			520HF	KINETIC EXP +POINT
		0.30	32	P	5	VOL	ETL	-0.04	UTS	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-0.04	UTS	ETL	0.23	0.12		520HF	KINETIC EXP +POINT
		0.68	20	P	5	VOL	ETL	+0.47	UTS	ETL	33			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+0.47	UTS	ETL	0.23	0.17		520HF	KINETIC EXP +POINT
		0.28	68	P	5	INR	ETL	+1.32	UTS	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+2.01	UTS	ETL	0.23	0.17		520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+2.88	UTS	ETL	0.27	0.17		520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+3.70	UTS	ETL	0.18	0.17		520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+3.32	UTS	ETL	0.14	0.23		520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+2.34	UTS	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
		0.59	22	P	5	VOL	ETL	+3.32	UTS	ETL	40			520HF	KINETIC EXP +POINT
		0.52	25	P	5	VOL	ETL	+3.70	UTS	ETL	51			520HF	KINETIC EXP +POINT
		1.30	33	P	5	VOL	ETL	+2.88	UTS	ETL	86			520HF	KINETIC EXP +POINT
		0.85	22	P	5	VOL	ETL	+2.01	UTS	ETL	40			520HF	KINETIC EXP +POINT
		0.30	13	P	5	VOL	ETL	+2.34	UTS	ETL	15			520HF	KINETIC EXP +POINT
						PID	UTS	+0.00	UTE	LTE	CAL33	1R14		510UL	510 BOBBIN EXAM
		0.30	32	P	5	TBP	ETL	-0.04	UTS	ETL				520HF	KINETIC EXP +POINT
84	85	7.41	165	P	1	DNT	LTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
84	86	4.80	169	P	1	DNT	LTS	-0.07	UTE	LTE				510UL	510 BOBBIN EXAM
84	103		0		12	CLP	UTS	-10.39	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
			0		12	CLP	UTS	-13.74	UTS	UTS	0.11	0.17		520HF	SPECIAL INTEREST +P
		0.37	23	P	5	VOL	UTS	-10.39	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.33	10	P	5	VOL	UTS	-13.74	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.23	13	P	5	VOL	UTS	-18.48	UTS	UTS				520HF	SPECIAL INTEREST +P
			0		12	CLP	UTS	-18.48	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
84	117	0.13	93	F	5	TWD 3	09S	-0.72	UTE	LTE	WAR			510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
84	131	1.09	92	1	MBM		UTS	-11.00	UTS	UTS				520HF	SPECIAL INTEREST +P
					NDF		LTE	+10.89	LTE	LTE				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+22.69	15S	15S	0.12	0.13		520HF	SPECIAL INTEREST +P
		0.29	7	P	5		15S	+22.69	15S	15S				520HF	SPECIAL INTEREST +P
		3.32	174	F	1		DNT	+10.89	UTE	LTE				510UL	510 BOBBIN EXAM
		2.68	79	6	ADI		15S	+36.16	UTE	LTE				510UL	510 BOBBIN EXAM
85	7	0.28	121	F	5		TWD 6	+0.71	LTE	UTE				510UL	510 BOBBIN EXAM
85	10	0.45	16	P	5		VOL	-0.90	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.90	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
		0.12	26	P	5		VOL	-0.82	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.82	ETL	ETL	0.09	0.11		520HF	KINETIC EXP +POINT
85	18	0.35	17	P	5		VOL	+1.65	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.65	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
		0.26	11	P	5		VOL	+2.64	ETL	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.64	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
85	28	0.50	20	P	5		VOL	+2.54	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.54	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
					NDF		09S	+11.94	09S	09S				520HF	SPECIAL INTEREST +P
		2.81	169	P	1		DNT	+11.94	LTE	UTE				510UL	510 BOBBIN EXAM
85	31	0.44	28	P	5		VOL	-0.20	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.20	UTS	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.77	26	P	5		VOL	+0.77	UTS	ETL	54			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.77	UTS	ETL	0.19	0.17		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-4.63	UTS	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		1.13	30	P	5		VOL	+4.63	UTS	ETL	71			520HF	KINETIC EXP +POINT
85	32	0.44	11	P	5		VOL	+0.02	ETL	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.02	ETL	ETL	0.15	0.16		520HF	KINETIC EXP +POINT
		0.44	12	P	5		VOL	+1.57	ETL	ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.57	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
		0.42	19	P	5		VOL	+4.47	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.47	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
85	42	0.32	1	2	INR		ETL	-0.21	UTS	ETL				520HF	KINETIC EXP +POINT
		0.16	14	P	5		VOL	-1.47	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.47	UTS	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
		4.32	178	P	1		DNT	+7.93	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		05S	+7.93	05S	05S				520HF	SPECIAL INTEREST +P
85	48	0.39	13	P	5		VOL	+3.07	ETL	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.07	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
		0.30	22	P	5		VOL	+4.66	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.66	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
85	49	0.11	9	P	5		VOL	-0.76	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.02	UTS	ETL	0.14	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.12	UTS	ETL	0.14	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.76	UTS	ETL	0.10	0.15		520HF	KINETIC EXP +POINT
		0.24	9	P	5		VOL	+2.12	UTS	ETL	8			520HF	KINETIC EXP +POINT
		0.24	15	P	5		VOL	+1.02	UTS	ETL	20			520HF	KINETIC EXP +POINT
85	50	0.48	16	P	5		VOL	+1.56	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.56	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
85	58	0.41	17	P	5		VOL	+1.98	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.98	ETL	ETL	0.17	0.12		520HF	KINETIC EXP +POINT
85	59	0.54	26	P	5		VOL	-1.20	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.20	UTS	ETL	0.16	0.13		520HF	KINETIC EXP +POINT
		0.32	11	P	5		VOL	+3.08	UTS	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.08	UTS	ETL	0.16	0.13		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
85	60	0.68	24	P 5	VOL		ETL	+2.16	ETL	ETL	47			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+2.16	ETL	ETL	0.16	0.18		520HF	KINETIC EXP +POINT
85	69	3.40	160	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
85	70	12.82	164	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
85	71	18.27	168	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
85	73	4.24	166	P 1	DNT		LTS	+0.26	LTE	UTE				510UL	510 BOBBIN EXAM
85	74	4.80	173	P 1	DNT		LTS	-0.34	LTE	UTE				510UL	510 BOBBIN EXAM
			0	12	CLP		ETL	+2.07	ETL	ETL	0.16	0.18		520HF	KINETIC EXP +POINT
		0.96	24	P 5	VOL		ETL	+2.07	ETL	ETL	47			520HF	KINETIC EXP +POINT
85	75	3.56	171	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
85	76	3.48	181	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
85	84	0.78	16	P 5	VOL		ETL	+0.34	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.34	ETL	ETL	0.14	0.12		520HF	KINETIC EXP +POINT
85	102				INF		15S	+36.28	UTE	LTE	HR			510UL	510 BOBBIN EXAM
					INF		15S	+19.27	UTE	LTE	HR			510UL	510 BOBBIN EXAM
85	104	0.30	69	P 1	NQI		05S	-0.73	UTE	LTE				510UL	510 BOBBIN EXAM
		0.36	78	P 2	TWD	10	05S	-0.60	05S	05S	WAR			520HF	SPECIAL INTEREST +P
85	124				NDF		10S	+12.97	10S	10S				520HF	SPECIAL INTEREST +P
		0.17	70	3	NQI		10S	+12.97	UTE	LTE				510UL	510 BOBBIN EXAM
85	125	0.20	16	P 5	INR		ETL	-2.01	ETL	ETL				520HF	KINETIC EXP +POINT
		0.53	15	P 5	VOL		ETL	-0.16	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.16	ETL	ETL	0.24	0.22		520HF	KINETIC EXP +POINT
					NDF		10S	+15.17	10S	10S				520HF	SPECIAL INTEREST +P
		0.28	92	3	NQI		10S	+15.17	UTE	LTE				510UL	510 BOBBIN EXAM
85	127	3.60	169	P 1	DNT		LTE	+11.36	UTE	LTE				510UL	510 BOBBIN EXAM
				5	PID		UTS	+0.00	UTE	LTE	CAL01	1R14		510UL	510 BOBBIN EXAM
		0.13	7	P 5	VOL		ETL	+1.09	UTS	ETL	5			520HF	KINETIC EXP +POINT
		1.17	36	P 5	SCI		ETL	+2.54	UTS	ETL	100			520HF	KINETIC EXP +POINT
		2.73	51	P 5	SCI		ETL	+4.16	UTS	ETL	94			520HF	KINETIC EXP +POINT
		0.24	44	P 5	ARC		ETL	+4.16	UTS	ETL				520HF	KINETIC EXP +POINT
		0.24	44	P 5	ARC		ETL	+4.31	UTS	ETL				520HF	KINETIC EXP +POINT
		1.37	36	P 5	SCI		ETL	+4.31	UTS	ETL	100			520HF	KINETIC EXP +POINT
		0.93	26	P 5	VOL		ETL	+4.55	UTS	ETL	54			520HF	KINETIC EXP +POINT
		0.27	49	P 5	ARC		ETL	+2.54	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.55	UTS	ETL	0.16	0.20		520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	-0.14	UTS	ETL	0.21	0.20		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.09	UTS	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.39	UTS	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
		0.13	8	P 5	VOL		ETL	-1.39	UTS	ETL				520HF	KINETIC EXP +POINT
		0.17	13	P 5	VOL		UTS	-0.14	UTS	ETL				520HF	KINETIC EXP +POINT
		1.37	36	P 5	TBP		ETL	+4.31	UTS	ETL				520HF	KINETIC EXP +POINT
85	129				NDF		LTE	+10.58	LTE	LTE				520HF	SPECIAL INTEREST +P
		13.38	176	P 1	DNT		LTE	+10.58	UTE	LTE				510UL	510 BOBBIN EXAM
		1.41	30	P 5	VOL		ETL	-0.32	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.32	UTS	ETL	0.23	0.18		520HF	KINETIC EXP +POINT
86	3	4.72	193	1	DNT		MSR	+3.60	LSE	USE				400UL	SLEEVE BOBBIN
					NDF		MSR	+3.60	LSE	MSR				400PP	SPECIAL INTEREST +P
86	20	0.60	17	P 5	VOL		ETL	+2.10	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.10	ETL	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
86	24	0.21	20	P 5	VOL		ETL	-1.39	ETL	ETL				520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		ETL	-1.39	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.32	10	P 5	VOL		ETL	-0.02	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.02	ETL	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
		0.57	17	P 5	VOL		ETL	+0.46	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.46	ETL	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.22	ETL	ETL	0.05	0.05		520HF	KINETIC EXP +POINT
		0.19	6	P 5	VOL		ETL	+4.22	ETL	ETL	4			520HF	KINETIC EXP +POINT
86	25				NDF		10S	+0.45	10S	10S				520HF	SPECIAL INTEREST +P
		0.11	95	P 1	NQI		10S	+0.45	LTE	UTE				510UL	510 BOBBIN EXAM
86	33	0.49	10	P 5	VOL		ETL	+0.07	ETL	ETL	9			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.07	ETL	ETL	0.19	0.17		520HF	KINETIC EXP +POINT
86	34	0.65	15	P 5	VOL		ETL	+1.12	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.12	ETL	ETL	0.18	0.17		520HF	KINETIC EXP +POINT
		0.49	13	P 5	VOL		ETL	+2.35	ETL	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.35	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.25	18	P 5	VOL		ETL	+4.10	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.10	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
		0.29	20	P 5	VOL		ETL	+4.78	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.78	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.22	19	P 5	VOL		ETL	+5.13	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+5.13	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
86	35	0.27	19	P 5	VOL		ETL	+0.76	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.76	ETL	ETL	0.14	0.23		520HF	KINETIC EXP +POINT
		0.27	8	P 5	VOL		ETL	+2.43	ETL	ETL	6			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.43	ETL	ETL	0.19	0.17		520HF	KINETIC EXP +POINT
		0.45	11	P 5	VOL		ETL	+5.03	ETL	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+5.03	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
86	41	0.35	58	P 1	NQI		06S	-0.78	UTE	LTE				510UL	510 BOBBIN EXAM
		0.33	105	P 2	TWD 8		06S	-0.63	06S	06S	WAR			520HF	SPECIAL INTEREST +P
86	43	0.22	15	P 5	VOL		ETL	+1.44	ETL	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.44	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
		0.38	11	P 5	VOL		ETL	+2.14	ETL	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.14	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
86	51		0	12	CLP		ETL	-0.13	ETL	ETL	0.10	0.11		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.70	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
		0.31	7	P 5	VOL		ETL	+3.46	ETL	ETL	5			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.46	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
		0.68	23	P 5	VOL		ETL	+4.51	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.51	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
		0.76	13	P 5	VOL		ETL	+1.70	ETL	ETL	15			520HF	KINETIC EXP +POINT
		0.32	23	P 5	VOL		ETL	-0.13	ETL	ETL				520HF	KINETIC EXP +POINT
86	53	2.11	182	P 1	INR		03S	+19.04	UTE	LTE				510UL	510 BOBBIN EXAM
86	59				NDF		LTS	+19.09	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.79	152	3	NQI		LTS	+19.09	LTE	UTE				510UL	510 BOBBIN EXAM
86	62	0.14	109	3	NQI		13S	+6.67	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		13S	+6.67	13S	13S				520HF	SPECIAL INTEREST +P
86	64	0.27	17	P 5	VOL		ETL	+1.85	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.85	ETL	ETL	0.16	0.09		520HF	KINETIC EXP +POINT
86	65				NDF		LTS	+0.09	LTS	LTS				520HF	SPECIAL INTEREST +P
		2.53	169	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
86	70	6.05	163	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
86	71	21.26	167	P 1	DNT		LTS	+0.15	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	1TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
86	73	0.51	20	P	5	VOL	ETL	-0.09	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.09	ETL	ETL	0.16	0.09	520HF	KINETIC EXP +POINT		
		0.33	9	P	5	VOL	ETL	+2.08	ETL	ETL	8			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.08	ETL	ETL	0.16	0.19	520HF	KINETIC EXP +POINT		
86	74	6.00	172	P	1	DNT	LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
		3.36	11	P	2	NQI	LTE	+1.36	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	LTE	+1.36	LTS	LTE					520HF	SPECIAL INTEREST +P
86	75	3.80	167	P	1	DNT	LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
86	76	3.47	171	P	1	DNT	LTS	-0.06	LTE	UTE				510UL	510 BOBBIN EXAM
86	77	3.97	174	P	1	DNT	LTS	-0.06	LTE	UTE				510UL	510 BOBBIN EXAM
86	79	0.43	22	P	5	VOL	ETL	-0.09	ETL	ETL	0.23	0.23		520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.09	ETL	ETL					520HF	KINETIC EXP +POINT
86	81	0.56	18	P	5	VOL	ETL	-0.09	ETL	ETL	0.27	0.23		520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.09	ETL	ETL					520HF	KINETIC EXP +POINT
86	93	0.57	0	12	CLP	ETL	-0.09	ETL	ETL	0.16	0.15			520HF	KINETIC EXP +POINT
			19	P	5	VOL	ETL	+0.09	ETL	ETL	30			520HF	KINETIC EXP +POINT
		0.49	0	12	CLP	ETL	-0.09	ETL	ETL	0.16	0.10			520HF	KINETIC EXP +POINT
			25	P	5	VOL	ETL	-0.09	ETL	ETL	8			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.09	ETL	ETL	0.16	0.10			520HF	KINETIC EXP +POINT
0.44	14	P	5	VOL	ETL	-0.09	ETL	ETL				520HF	KINETIC EXP +POINT		
86	103	0.53	25	P	5	VOL	ETL	-0.09	ETL	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.09	ETL	ETL					520HF	KINETIC EXP +POINT
86	104	0.35	18	P	5	VOL	ETL	-0.09	ETL	ETL	0.10	0.11		520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.09	ETL	ETL					520HF	KINETIC EXP +POINT
		0.50	23	P	5	VOL	ETL	-0.09	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.09	ETL	ETL	0.15	0.16			520HF	KINETIC EXP +POINT
86	127				NDF	LTE	-0.09	LTE	UTE					520HF	SPECIAL INTEREST +P
		2.73	176	P	1	DNT	LTE	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
87	1	1.43	7	3	TWD	23	12S	+0.09	LTE	UTE				540HF	540 BOBBIN EXAM
		1.55	7	3	TWD	23	12S	+0.09	LTE	UTE				540HF	540 BOBBIN EXAM
		1.54	22	P	5	VOL	12S	+7.17	LTE	UTE				520HF	SPECIAL INTEREST +P
		1.12	0	12	CLP	12S	+7.17	LTE	UTE	0.17	0.19			520HF	SPECIAL INTEREST +P
			20	P	5	VOL	12S	+7.59	LTE	UTE				520HF	SPECIAL INTEREST +P
		0	12	CLP	12S	+7.59	LTE	UTE	0.17	0.19				520HF	SPECIAL INTEREST +P
87	7	4.97	173	P	1	DNT	LTE	-11.55	LTE	UTE				510UL	510 BOBBIN EXAM
87	10	5.90	174	P	1	DNT	LTE	+11.00	LTE	UTE				510UL	510 BOBBIN EXAM
				NDF	LTE	+11.00	LTE	LTE					520HF	SPECIAL INTEREST +P	
87	11	6.18	172	P	1	DNT	LTE	+11.43	LTE	UTE				510UL	510 BOBBIN EXAM
87	13	0.93	21	P	1	PID	LTE	+0.08	LTE	LTE				520HF	LTE ROLL +POINT
		0.26	49	P	5	ARC	LTE	+0.08	LTE	LTE				520HF	LTE ROLL +POINT
		1.14	32	P	5	SCI	LTE	+0.08	LTE	LTE		LAR		520HF	LTE ROLL +POINT
87	20	0.32	16	P	5	VOL	UTS	-13.42	UTS	UTS	0.19	0.15		520HF	SPECIAL INTEREST +P
		0.39	0	12	CLP	UTS	-13.42	UTS	UTS					520HF	SPECIAL INTEREST +P
			13	3	BVC	15S	+32.97	UTE	LTE					540HF	540 BOBBIN EXAM
87	31	0.75	13	P	5	VOL	ETL	+1.50	ETL	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.50	ETL	ETL	0.15	0.16			520HF	KINETIC EXP +POINT
		0.85	26	P	5	VOL	ETL	+2.18	ETL	ETL	54			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.18	ETL	ETL	0.15	0.16			520HF	KINETIC EXP +POINT
		0.32	27	P	5	VOL	ETL	-2.26	ETL	ETL	58			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.26	ETL	ETL	0.15	0.11			520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.74	23	P 5	VOL		ETL	+2.99	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.99	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
		0.70	22	P 5	VOL		ETL	+4.06	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.06	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
		0.32	20	P 5	VOL		ETL	+4.09	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.09	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
		1.01	23	P 5	VOL		ETL	+4.28	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.28	ETL	ETL	0.19	0.16		520HF	KINETIC EXP +POINT
		0.21	18	P 5	VOL		ETL	+4.50	ETL	ETL	27			520HF	KINETIC EXP +POINT
		0.12	0	12	CLP		ETL	+4.50	ETL	ETL	0.14	0.12		520HF	KINETIC EXP +POINT
87	34	0.12	3	P 5	VOL		ETL	-1.15	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.15	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
		0.18	30	P 5	VOL		ETL	-1.71	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.71	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
		0.28	20	P 5	VOL		UTS	+0.40	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+0.40	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
		0.48	22	P 5	VOL		ETL	+4.45	UTS	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.45	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
		0.28	18	P 5	VOL		ETL	+3.35	UTS	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.35	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
		0.21	11	P 5	VOL		ETL	+2.37	UTS	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.37	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
		0.15	20	P 5	VOL		ETL	+1.92	UTS	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.92	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
		0.18	7	P 5	VOL		ETL	-0.30	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.30	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
87	70	5.95	165	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
87	71	4.60	162	P 1	DNT		LTS	+0.15	LTE	UTE				510UL	510 BOBBIN EXAM
87	73	4.58	172	P 1	DNT		LTS	-0.10	LTE	UTE				510UL	510 BOBBIN EXAM
87	74	6.77	172	P 1	DNT		LTS	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
87	75	3.10	171	P 1	DNT		LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
87	81				NDF	15S		+5.17	15S	15S				520HF	SPECIAL INTEREST +P
		0.19	92	3	NQI	15S		+5.17	UTE	LTE				510UL	510 BOBBIN EXAM
87	105				NDF	LTS		-2.26	TO+112.01	02S	LTS			520HF	SPECIAL INTEREST +P
		9.29	181	3	IDC	LTE		+21.74	TO+133.75	UTE	LTE			510UL	510 BOBBIN EXAM
					NDF	01S		-61.01	TO+0.00	01S	01S			520HF	SPECIAL INTEREST +P
					NDF	01S		+0.00	TO+38.00	01S	01S			520HF	SPECIAL INTEREST +P
					NDF	02S		+0.00	TO+27.94	02S	02S			520HF	SPECIAL INTEREST +P
87	108	0.25	15	P 5	VOL		ETL	-2.06	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.06	UTS	ETL	0.23	0.23		520HF	KINETIC EXP +POINT
		0.24	16	P 5	VOL		ETL	-2.86	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.86	UTS	ETL	0.23	0.23		520HF	KINETIC EXP +POINT
87	118	0.07	145	3	INR		14S	+23.30	UTE	LTE				510UL	510 BOBBIN EXAM
87	122	0.12	92	3	INR		01S	+23.65	UTE	LTE				510UL	510 BOBBIN EXAM
		0.18	90	P 5	TWD 6		09S	+0.70	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
87	124	11.70	177	P 1	DNT		UTS	-0.75	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-0.75	UTS	UTS				520HF	SPECIAL INTEREST +P
87	127	0.24	92	P 5	TWD 8		11S	-0.24	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
97	128	5.58	177	P 1	DNT		LTE	+11.12	UTE	LTE				510UL	510 BOBBIN EXAM
		0.25	114	P 5	TWD 8		08S	+0.50	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
					NDF		LTE	+11.12	LTE	LTE				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	1/TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
88	6	0.73	16	P	1	PID	LTE	+0.17	LTE	LTE				520HF	LTE ROLL +POINT
		6.33	171	P	1	DNT	LTE	+11.06	LTE	UTE				510UL	510 BOBBIN EXAM
		1.10	15	P	5	SCI	LTE	+0.17	LTE	LTE		LAR		520HF	LTE ROLL +POINT
		0.22	41	P	5	ARC	LTE	+0.17	LTE	LTE				520HF	LTE ROLL +POINT
88	8	5.61	174	P	1	DNT	LTE	+11.12	LTE	UTE				510UL	510 BOBBIN EXAM
88	10	6.40	172	P	1	DNT	LTE	+11.24	LTE	UTE				510UL	510 BOBBIN EXAM
88	12	6.34	176	P	1	DNT	LTE	+10.98	LTE	UTE				510UL	510 BOBBIN EXAM
88	29	0.42	5	3	TWD	17 15S		+36.41	UTE	LTE				540HF	540 BOBBIN EXAM
			0	12	CLP	UTS		-4.22	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS		-5.39	UTS	UTS	0.16	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS		-9.63	UTS	UTS	0.11	0.09		520HF	SPECIAL INTEREST +P
		0.17	13	P	5	VOL	UTS	-4.22	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.23	13	P	5	VOL	UTS	-5.39	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.23	20	P	5	VOL	UTS	-9.63	UTS	UTS				520HF	SPECIAL INTEREST +P
88	52	0.27	9	P	5	VOL	ETL	-1.67	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL		-1.67	UTS	ETL	0.13	0.11		520HF	KINETIC EXP +POINT
		0.23	1	P	5	VOL	ETL	+0.59	UTS	ETL	1			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL		+0.59	UTS	ETL	0.13	0.11		520HF	KINETIC EXP +POINT
		0.25	12	P	5	VOL	ETL	+2.98	UTS	ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL		+2.98	UTS	ETL	0.13	0.11		520HF	KINETIC EXP +POINT
		0.12	23	P	5	VOL	ETL	+3.56	UTS	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL		+3.58	UTS	ETL	0.18	0.16		520HF	KINETIC EXP +POINT
		0.53	16	P	5	VOL	ETL	+5.00	UTS	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL		+5.00	UTS	ETL	0.13	0.11		520HF	KINETIC EXP +POINT
88	56	0.25	7	P	5	VOL	ETL	-1.31	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL		-1.31	UTS	ETL	0.18	0.23		520HF	KINETIC EXP +POINT
88	58		0	12	CLP	ETL		-0.93	UTS	ETL	0.16	0.16		520HF	KINETIC EXP +POINT
		0.23	20	P	5	VOL	ETL	-0.93	UTS	ETL	22			520HF	KINETIC EXP +POINT
		0.34	16	P	5	VOL	ETL	+1.65	UTS	ETL	0.16	0.19		520HF	KINETIC EXP +POINT
			0	12	CLP	ETL		+1.65	UTS	ETL	15			520HF	KINETIC EXP +POINT
		0.26	13	P	5	VOL	ETL	+1.96	UTS	ETL	0.18	0.16		520HF	KINETIC EXP +POINT
			0	12	CLP	ETL		+1.96	UTS	ETL				520HF	KINETIC EXP +POINT
88	73	4.31	174	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
88	74	3.04	176	P	1	DNT	LTS	-0.06	LTE	UTE				510UL	510 BOBBIN EXAM
88	77					NDF	02S	-6.87	02S	02S				520HF	SPECIAL INTEREST +P
		0.27	53	3	NQI	01S		+31.13	LTE	UTE				510UL	510 BOBBIN EXAM
88	93	0.78	23	P	5	VOL	ETL	+2.52	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL		+2.52	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
		0.49	8	P	5	VOL	ETL	+3.67	ETL	ETL	6			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL		+3.67	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
88	120	0.62	38	P	5	SCI	ETL	+1.28	ETL	ETL	99			520HF	KINETIC EXP +POINT
		0.19	35	P	5	ARC	ETL	+1.28	ETL	ETL				520HF	KINETIC EXP +POINT
88	124	0.47	7	3	TWD	23 15S		+3.85	UTE	LTE				540HF	540 BOBBIN EXAM
		3.64	172	P	1	DNT	LTE	+10.91	UTE	LTE				540HF	540 BOBBIN EXAM
			0	12	CLP	15S		+3.75	15S	15S	0.23	0.14		520HF	SPECIAL INTEREST +P
		0.94	28	P	5	VOL	15S	+3.75	15S	15S				520HF	SPECIAL INTEREST +P
88	125	7.80	174	P	1	DNT	LTE	+10.28	UTE	LTE				510UL	510 BOBBIN EXAM
88	129					NDF	LTE	+11.33	LTE	LTE				520HF	SPECIAL INTEREST +P
		3.35	172	P	1	DNT	LTE	+11.33	UTE	LTE				510UL	510 BOBBIN EXAM
89	6	0.49	30	P	1	PID	LTE	+0.13	LTE	LTE				520HF	LTE ROLL +POINT
		6.47	172	P	1	DNT	LTE	+11.31	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.34	64	P 5	ARC		LTE	+0.13	LTE	LTE				520HF	LTE ROLL +POINT
		0.93	25	P 5	SCI		LTE	+0.13	LTE	LTE		LAR		520HF	LTE ROLL +POINT
89	7	5.74	177	P 1	DNT		LTE	+11.21	LTE	UTE				510UL	510 BOBBIN EXAM
89	10	6.93	170	P 1	DNT		LTE	+11.19	LTE	UTE				510UL	510 BOBBIN EXAM
89	11	6.24	175	P 1	DNT		LTE	+11.02	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.02	LTE	LTE				520HF	SPECIAL INTEREST +P
89	14				NDF		12S	-7.70	12S	12S				520HF	SPECIAL INTEREST +P
		3.03	172	P 1	DNT		11S	+30.30	LTE	UTE				510UL	510 BOBBIN EXAM
89	37	0.91	25	P 5	VOL		ETL	-2.41	ETL	ETL				520HF	KINETIC EXP +POINT
		0.37	22	P 5	VOL		ETL	-1.01	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.01	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.33	23	P 5	VOL		ETL	+0.21	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.21	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
		0.26	18	P 5	VOL		ETL	+2.60	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.60	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.41	ETL	ETL	0.19	0.25		520HF	KINETIC EXP +POINT
89	51	0.34	15	P 5	VOL		ETL	-1.14	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.14	UTS	ETL	0.13	0.11		520HF	KINETIC EXP +POINT
89	52	2.74	179	P 1	DNT		02S	+9.99	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		02S	+9.99	02S	02S				520HF	SPECIAL INTEREST +P
89	71				NDF		01S	-1.79	01S	01S				520HF	SPECIAL INTEREST +P
		0.25	68	3	NQI		LTS	+44.21	LTE	UTE				510UL	510 BOBBIN EXAM
89	73				NDF		LTS	-17.37	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.23	94	P 2	NQI		LTE	+6.63	LTE	UTE				510UL	510 BOBBIN EXAM
89	74	4.36	166	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
89	77	5.51	168	P 1	DNT		LTS	+0.07	UTE	LTE				510UL	510 BOBBIN EXAM
89	78	4.71	165	P 1	DNT		LTS	+0.05	UTE	LTE				510UL	510 BOBBIN EXAM
89	113	0.25	98	P 5	TWD 6		05S	-0.67	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
89	130				NDF		LTS	+13.85	LTS	LTS				520HF	SPECIAL INTEREST +P
		1.47	87	6	ADI		LTS	+13.85	UTE	LTE				510UL	510 BOBBIN EXAM
90	5	0.66	14	P 1	PID		LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
		1.40	49	P 5	SCI		LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
		0.51	94	P 5	ARC		LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
90	12	0.19	109	3	NQI		13S	+14.07	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		13S	+14.07	13S	13S				520HF	SPECIAL INTEREST +P
90	21				NDF		07S	-0.43	07S	07S				520HF	SPECIAL INTEREST +P
		0.19	99	P 1	NQI		07S	-0.43	LTE	UTE				510UL	510 BOBBIN EXAM
90	45	0.63	25	P 5	VOL		ETL	+0.00	UTS	ETL	52			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.00	UTS	ETL	0.14	0.15		520HF	KINETIC EXP +POINT
90	63	0.45	114	3	NQI		LTS	+1.81	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	+1.81	LTS	LTS				520HF	SPECIAL INTEREST +P
90	71	3.76	175	P 1	DNT		LTE	+10.44	LTE	UTE				510UL	510 BOBBIN EXAM
90	72	2.55	169	P 1	DNT		LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
		0.12	79	3	INR		03S	+29.62	LTE	UTE				510UL	510 BOBBIN EXAM
90	73	6.82	167	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
90	74				NDF		LTE							520HF	SPECIAL INTEREST +P
		5.74	165	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
		0.23	95	P 2	NQI		LTE							510UL	510 BOBBIN EXAM
90	75	8.51	165	P 1	DNT		LTS							540HF	540 BOBBIN EXAM
90	76	11.82	165	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
90	77	11.16	168	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
90	78				NDF		LTS							520HF	SPECIAL INTEREST +P
		11.44	167	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
		0.13	96	P 2	NQI		LTE							510UL	510 BOBBIN EXAM
90	80		90	12	CLP		UTS			0.19		0.15		520HF	SPECIAL INTEREST +P
		0.37	12	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
		0.43	7	3	TWD 23		15S							540HF	540 BOBBIN EXAM
90	122	0.25	27	P 5	VOL		ETL			58				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.22		0.24		520HF	KINETIC EXP +POINT
90	126	9.87	176	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
		2.59	85	6	ADI		01S							510UL	510 BOBBIN EXAM
					NDF		02S							520HF	SPECIAL INTEREST +P
90	128	0.37	27	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.18		0.17		520HF	KINETIC EXP +POINT
			0	12	CLP		15S			0.17		0.08		520HF	SPECIAL INTEREST +P
			0	12	CLP		15S			0.17		0.21		520HF	SPECIAL INTEREST +P
			0	12	CLP		15S			0.17		0.17		520HF	SPECIAL INTEREST +P
			0	12	CLP		15S			0.12		0.17		520HF	SPECIAL INTEREST +P
		0.41	8	P 5	VOL		15S							520HF	SPECIAL INTEREST +P
		0.52	20	P 5	VOL		15S							520HF	SPECIAL INTEREST +P
		1.06	23	P 5	VOL		15S							520HF	SPECIAL INTEREST +P
		0.30	22	P 5	VOL		15S							520HF	SPECIAL INTEREST +P
		0.46	8	3	TWD 27		15S							540HF	540 BOBBIN EXAM
		0.49	5	3	TWD 17		14S							540HF	540 BOBBIN EXAM
		0.26	11	3	BVC		14S							540HF	540 BOBBIN EXAM
		0.96	5	3	TWD 17		15S							540HF	540 BOBBIN EXAM
			0	12	CLP		14S			0.16		0.09		520HF	SPECIAL INTEREST +P
			0	12	CLP		14S			0.24		0.15		520HF	SPECIAL INTEREST +P
			0	12	CLP		14S			0.21		0.14		520HF	SPECIAL INTEREST +P
			0	12	CLP		14S			0.16		0.14		520HF	SPECIAL INTEREST +P
		1.24	16	P 5	VOL		14S							520HF	SPECIAL INTEREST +P
		1.52	8	P 5	VOL		14S							520HF	SPECIAL INTEREST +P
		1.01	6	P 5	VOL		14S							520HF	SPECIAL INTEREST +P
		0.65	4	P 5	VOL		14S							520HF	SPECIAL INTEREST +P
90	129	4.00	176	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
91	12	0.95	34	P 5	SCI		LTE			91				520HF	LTE ROLL +POINT
		0.31	58	P 5	ARC		LTE							520HF	LTE ROLL +POINT
		0.91	41	P 5	PID		LTE							520HF	LTE ROLL +POINT
91	26	0.22	10	P 5	VOL		ETL			9				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.09		0.11		520HF	KINETIC EXP +POINT
		0.20	10	P 5	VOL		ETL			9				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.09		0.11		520HF	KINETIC EXP +POINT
91	29	0.47	5	P 5	VOL		ETL			3				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.10		0.10		520HF	KINETIC EXP +POINT
		0.47	5	P 5	VOL		ETL			3				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.05		0.05		520HF	KINETIC EXP +POINT
		0.37	21	P 5	VOL		ETL			36				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.10		0.10		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
91	41	0.38	26	P 5	VOL		ETL	-0.71	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.71	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
91	47	0.23	6	P 5	VOL		ETL	-1.32	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.32	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
91	49	0.44	10	P 5	VOL		ETL	-0.79	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.79	ETL	ETL	0.19	0.17		520HF	KINETIC EXP +POINT
		0.44	24	P 5	VOL		ETL	+2.64	ETL	ETL	47			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.64	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
91	54	0.15	112	P 2	INR		LTS	+0.62	UTE	LTE				510UL	510 BOBBIN EXAM
91	56	0.34	18	P 5	VOL		ETL	-0.99	ETE	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.99	ETE	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.84	ETE	ETL	0.16	0.21		520HF	KINETIC EXP +POINT
		0.36	16	P 5	VOL		ETL	+3.84	ETE	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-5.04	ETE	ETL	0.16	0.10		520HF	KINETIC EXP +POINT
		0.37	21	P 5	VOL		ETL	+5.04	ETE	ETL	36			520HF	KINETIC EXP +POINT
91	64				NDF		10S	-8.31	UTE	LTE				520HF	SPECIAL INTEREST +P
		0.31	60	3	NQI		10S	+8.31	UTE	LTE				510UL	510 BOBBIN EXAM
91	68	4.26	172	P 1	DNT		LTS	-0.11	UTE	LTE				510UL	510 BOBBIN EXAM
91	69	3.17	176	P 1	DNT		LTE	-13.4	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	-13.4	UTE	LTE				520HF	SPECIAL INTEREST +P
91	71	3.87	158	P 1	DNT		LTS	+0.11	UTE	LTE				510UL	510 BOBBIN EXAM
91	72	5.11	166	P 1	DNT		LTS	+0.11	UTE	LTE				510UL	510 BOBBIN EXAM
91	73	10.01	162	P 1	DNT		LTS	+0.11	UTE	LTE				510UL	510 BOBBIN EXAM
91	74	14.44	168	P 1	DNT		LTS	+0.11	UTE	LTE				510UL	510 BOBBIN EXAM
91	75	14.30	168	P 1	DNT		LTS	-0.02	UTE	LTE				510UL	510 BOBBIN EXAM
91	76	14.63	169	P 1	DNT		LTS	+0.02	UTE	LTE				510UL	510 BOBBIN EXAM
91	77	3.49	162	P 1	DNT		LTS	-0.02	UTE	LTE				510UL	510 BOBBIN EXAM
91	78	0.38	21	P 5	VOL		ETL	+2.53	ETE	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.53	ETE	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
		0.43	17	P 5	VOL		ETL	+4.22	ETE	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.22	ETE	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
		0.34	23	P 5	VOL		ETL	+1.67	ETE	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.67	ETE	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
91	90	1.94	181	P 1	INR		10S	+0.65	UTE	LTE				510UL	510 BOBBIN EXAM
91	108				NDF		14S	-3.76	14S	14S				520HF	SPECIAL INTEREST +P
					NDF		14S	-0.65	14S	14S				520HF	SPECIAL INTEREST +P
		3.16	179	P 1	DNT		14S	-0.65	UTE	LTE				510UL	510 BOBBIN EXAM
		8.44	166	P 1	DNT		13S	+32.24	UTE	LTE				510UL	510 BOBBIN EXAM
91	115	0.75	25	2	PID		LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
		1.91	14	2	SAI		LTE	+0.14	LTE	LTE	.33			520HF	LTE ROLL +POINT
		0.26	0	2	LEN		LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
91	119	0.22	118	3	NQI		10S	+13.24	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		10S	+13.24	10S	10S				520HF	SPECIAL INTEREST +P
1	120	3.81	173	P 1	DNT		LTE	+10.87	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+10.87	LTE	LTE				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
91	122	5.19	174	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
		0.58	111	3	INR		13S							510UL	510 BOBBIN EXAM
92	44	0.24	8	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
		0.39	18	P 5	VOL		ETL			0.10		0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
		0.12	5	P 5	VOL		ETL			0.10		0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			3				520HF	KINETIC EXP +POINT
		0.32	10	P 5	VOL		ETL			0.10		0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			9				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.10		0.10		520HF	KINETIC EXP +POINT
92	53	0.20	18	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.14		0.15		520HF	KINETIC EXP +POINT
		0.17	4	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.10		0.10		520HF	KINETIC EXP +POINT
92	59				NDF		LTS							520HF	SPECIAL INTEREST +P
		1.48	82	6	ADI		LTS							510UL	510 BOBBIN EXAM
92	67	0.36	106	3	INR		LTS							510UL	510 BOBBIN EXAM
92	70	5.42	173	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
		0.18	13	P 5	VOL		ETL			0.23		0.19		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
		0.27	25	P 5	VOL		ETL			0.17		0.15		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
		0.29	10	P 5	VOL		ETL			0.18		0.14		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
		0.22	8	P 5	VOL		ETL			0.19		0.13		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			6				520HF	KINETIC EXP +POINT
		0.35	16	P 5	VOL		ETL			0.19		0.19		520HF	KINETIC EXP +POINT
							ETL			22				520HF	KINETIC EXP +POINT
92	71				NDF		LTS							520HF	SPECIAL INTEREST +P
					NDF		LTS							520HF	SPECIAL INTEREST +P
		2.76	176	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
		0.36	41	3	NQI		LTS							510UL	510 BOBBIN EXAM
		2.63	172	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
92	72	3.38	177	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
92	73		0	12	CLP		ETL							520HF	KINETIC EXP +POINT
		0.20	10	P 5	VOL		ETL			0.16		0.17		520HF	KINETIC EXP +POINT
		0.22	17	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.16		0.19		520HF	KINETIC EXP +POINT
		0.24	14	P 5	VOL		ETL			0.16		0.19		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			17				520HF	KINETIC EXP +POINT
		0.30	16	P 5	VOL		ETL			0.16		0.19		520HF	KINETIC EXP +POINT
							ETL			22				520HF	KINETIC EXP +POINT
92	74	2.85	162	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
92	75	7.47	160	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
92	76	7.14	165	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
92	78	0.31	16	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
		0.26	170	P 5	INR		ETL			0.23		0.17		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
		0.85	13	P 5	VOL		ETL			0.23		0.23		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			15				520HF	KINETIC EXP +POINT
		0.35	16	P 5	VOL		ETL			0.18		0.17		520HF	KINETIC EXP +POINT
							ETL			22				520HF	KINETIC EXP +POINT
92	95	11.11	174	P 1	DNT		LTS							510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
92	96				NDF		15S	+3.39		15S				520HF	SPECIAL INTEREST +P
		5.05	177	P 1	DNT		LTS	-0.13		UTE	LTE			540HF	540 BOBBIN EXAM
		0.49	9	3	TWD	30	15S	+3.39		UTE	LTE			540HF	540 BOBBIN EXAM
92	121	6.61	176	P 1	DNT		13S	+33.19		UTE	LTE			510UL	510 BOBBIN EXAM
					NDF		14S	-2.81		14S	14S			520HF	SPECIAL INTEREST +P
92	122	2.73	176	P 1	DNT		13S	+33.22		UTE	LTE			510UL	510 BOBBIN EXAM
					NDF		14S	-2.78		14S	14S			520HF	SPECIAL INTEREST +P
93	1	0.31	119	P 5	TWD	7	10S	+0.61		LTE	UTE	WAR		510UL	510 BOBBIN EXAM
		0.14	62	P 1	INR		10S	-0.75		LTE	UTE			510UL	510 BOBBIN EXAM
93	21	0.43	29	P 5	SCI		ETL	+2.36		ETL	ETL	67		520HF	KINETIC EXP +POINT
		0.19	36	P 5	ARC		ETL	+2.36		ETL	ETL			520HF	KINETIC EXP +POINT
93	27	0.33	14	P 5	VOL		ETL	+0.74		ETL	ETL	17		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.74		ETL	ETL	0.05	0.09	520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	-8.65		UTS	UTS	0.23	0.18	520HF	SPECIAL INTEREST +P
		0.44	13	P 5	VOL		UTS	-8.65		UTS	UTS			520HF	SPECIAL INTEREST +P
93	39	0.07	14	P 5	VOL		ETL	-1.65		UTS	ETL			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.65		UTS	ETL	0.13	0.12	520HF	KINETIC EXP +POINT
		0.08	17	P 5	VOL		ETL	-1.46		UTS	ETL			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.46		UTS	ETL	0.09	0.12	520HF	KINETIC EXP +POINT
93	53	0.12	67	P 2	INR		LTS	+0.43		UTE	LTE			510UL	510 BOBBIN EXAM
		0.31	67	P 2	NQI		LTS	+0.85		UTE	LTE			510UL	510 BOBBIN EXAM
					NDF		LTS	+0.85		LTS	LTS			520HF	SPECIAL INTEREST +P
93	55				NDF		LTS	+0.90		LTS	LTS			520HF	SPECIAL INTEREST +P
		0.20	103	P 2	NQI		LTS	+0.90		LTE	UTE			510UL	510 BOBBIN EXAM
93	58	0.24	14	P 2	BVC		UTS	+3.23		LTE	UTE			540HF	540 BOBBIN EXAM
		0.30	9	P 2	BVC		UTS	+5.27		LTE	UTE			540HF	540 BOBBIN EXAM
		0.43	11	P 2	TWD	37	UTS	+4.56		LTE	UTE			540HF	540 BOBBIN EXAM
			0	12	CLP		ETL	-2.93		UTS	ETL	0.19	0.19	520HF	KINETIC EXP +POINT
		0.21	19	P 5	VOL		ETL	-2.93		UTS	ETL			520HF	KINETIC EXP +POINT
		0.16	29	P 5	VOL		ETL	-2.16		UTS	ETL			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.16		UTS	ETL	0.19	0.19	520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.08		UTS	ETL	0.19	0.13	520HF	KINETIC EXP +POINT
		0.27	13	P 5	VOL		ETL	-1.08		UTS	ETL			520HF	KINETIC EXP +POINT
		0.25	28	P 5	VOL		ETL	-0.57		UTS	ETL			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.57		UTS	ETL	0.19	0.19	520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.26		UTS	ETL	0.19	0.16	520HF	KINETIC EXP +POINT
		0.51	12	P 5	VOL		ETL	+0.26		UTS	ETL	13		520HF	KINETIC EXP +POINT
		0.40	22	P 5	VOL		ETL	+0.78		UTS	ETL	40		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.78		UTS	ETL	0.19	0.19	520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.57		UTS	ETL	0.19	0.19	520HF	KINETIC EXP +POINT
		0.56	19	P 5	VOL		ETL	+1.57		UTS	ETL	30		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.93		UTS	ETL	0.19	0.19	520HF	KINETIC EXP +POINT
		0.29	12	P 5	VOL		ETL	+1.93		UTS	ETL	13		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.48		UTS	ETL	0.19	0.19	520HF	KINETIC EXP +POINT
		0.35	18	P 5	VOL		ETL	+2.48		UTS	ETL	27		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.05		UTS	ETL	0.18	0.20	520HF	KINETIC EXP +POINT
		0.36	12	P 5	VOL		ETL	+4.05		UTS	ETL	13	+7.0	520HF	KINETIC EXP +POINT
93	68	4.69	173	P 1	DNT		LTS	+0.18		LTE	UTE			510UL	510 BOBBIN EXAM
93	70				NDF		LTS	-0.73		LTS	LTS			520HF	SPECIAL INTEREST +P
		0.31	120	P 2	NQI		LTS	-0.73		LTE	UTE			510UL	510 BOBBIN EXAM
93	91	14.18	173	P 1	DNT		LTS	-0.05		UTE	LTE			510UL	510 BOBBIN EXAM
93	92	10.03	172	P 1	DNT		LTS	-0.07		UTE	LTE			510UL	510 BOBBIN EXAM
93	93	4.35	174	P 1	DNT		LTS	-0.07		UTL	LTE			510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
93	106	0.18	72	P 2	NQI		LTE							510UL	510 BOBBIN EXAM
					NDF		LTE							520HF	SPECIAL INTEREST +P
93	113	0.26	6	3	BVC		15S							540HF	540 BOBBIN EXAM
			0	12	CLP		UTS			0.19		0.16		520HF	SPECIAL INTEREST +P
		0.91	5	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
93	115		0	12	CLP		15S			0.12		0.08		520HF	SPECIAL INTEREST +P
		0.46	9	P 5	VOL		15S							520HF	SPECIAL INTEREST +P
		0.47	6	3	TWD 20		14S							540HF	540 BOBBIN EXAM
93	123	0.54	18	P 5	VOL		15S							520HF	SPECIAL INTEREST +P
			0	12	CLP		15S			0.18		0.16		520HF	SPECIAL INTEREST +P
		0.54	18	P 5	VOL		15S							520HF	SPECIAL INTEREST +P
			0	12	CLP		15S			0.24		0.20		520HF	SPECIAL INTEREST +P
		0.25	8	P 5	VOL		15S							520HF	SPECIAL INTEREST +P
			0	12	CLP		15S			0.12		0.12		520HF	SPECIAL INTEREST +P
		0.35	7	3	BVC		15S							540HF	540 BOBBIN EXAM
		0.35	9	3	BVC		15S							540HF	540 BOBBIN EXAM
94	5	0.27	46	P 2	TWD 9		08S							520HF	SPECIAL INTEREST +P
		0.21	90	P 5	NQI		08S							510UL	510 BOBBIN EXAM
94	43	0.18	1	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.13		0.11		520HF	KINETIC EXP +POINT
		0.15	9	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.16		0.11		520HF	KINETIC EXP +POINT
		0.16	12	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.18		0.11		520HF	KINETIC EXP +POINT
94	52	0.06	15	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.14		0.25		520HF	KINETIC EXP +POINT
		0.18	12	P 5	VOL		ETL			13				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.14		0.20		520HF	KINETIC EXP +POINT
		0.31	10	P 5	VOL		ETL			9				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.10		0.10		520HF	KINETIC EXP +POINT
94	62				NDF		LTS							520HF	SPECIAL INTEREST +P
		0.64	63	3	NQI		LTS							510UL	510 BOBBIN EXAM
94	64				NDF		UTS							520HF	SPECIAL INTEREST +P
		0.68	110	3	NQI		UTS							510UL	510 BOBBIN EXAM
94	70	0.35	24	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.20		0.19		520HF	KINETIC EXP +POINT
94	71	0.21	105	P 2	NQI		LTE							510UL	510 BOBBIN EXAM
					NDF		LTS							520HF	SPECIAL INTEREST +P
		0.26	12	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.16		0.19		520HF	KINETIC EXP +POINT
		0.52	27	P 5	VOL		ETL			58				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.16		0.19		520HF	KINETIC EXP +POINT
94	93	7.46	174	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
94	94	11.57	174	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
94	95	10.44	173	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
94	113		0	12	CLP		UTS			0.11		0.08		520HF	SPECIAL INTEREST +P
		0.45	16	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
		0.49	6	3	TWD 20		15S							540HF	540 BOBBIN EXAM
94	116	0.23	97	3	NQI		13S							510UL	510 BOBBIN EXAM
					NDF		13S							520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	&TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
94	121	0.19	92	P 1	NQI		10S	+0.50	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		10S	+0.50	10S	10S				520HF	SPECIAL INTEREST +P
94	127	0.24	70	P 1	INR		15S	+0.74	UTE	LTE				510UL	510 BOBBIN EXAM
95	34	0.15	38	P 5	VOL		ETL	-1.04	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.04	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.31	15	P 5	VOL		ETL	+0.06	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.06	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.44	16	P 5	VOL		ETL	+0.42	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.42	ETL	ETL	0.19	0.11		520HF	KINETIC EXP +POINT
		0.53	18	P 5	VOL		ETL	+0.61	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.61	ETL	ETL	0.19	0.17		520HF	KINETIC EXP +POINT
		0.41	17	P 5	VOL		ETL	+2.14	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.14	ETL	ETL	0.19	0.17		520HF	KINETIC EXP +POINT
		0.27	13	P 5	VOL		ETL	+2.96	ETL	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.96	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
		0.39	19	P 5	VOL		ETL	+3.84	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+5.53	ETL	ETL	0.18	0.12		520HF	KINETIC EXP +POINT
		0.32	14	P 5	VOL		ETL	+5.53	ETL	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+6.59	ETL	ETL	0.18	0.12		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.84	ETL	ETL	0.14	0.12		520HF	KINETIC EXP +POINT
		0.66	22	P 5	VOL		ETL	+6.59	ETL	ETL	40	+7.0		520HF	KINETIC EXP +POINT
95	36	0.23	54	P 1	INR		10S	+0.73	UTE	LTE				510UL	510 BOBBIN EXAM
95	40	1.37	29	P 5	SCI		ETL	+0.75	UTS	ETL	67			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.06	UTS	ETL	0.14	0.15		520HF	KINETIC EXP +POINT
		0.30	16	P 5	VOL		ETL	-2.10	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.10	UTS	ETL	0.19	0.25		520HF	KINETIC EXP +POINT
		0.18	33	P 5	ARC		ETL	+0.75	UTS	ETL				520HF	KINETIC EXP +POINT
		0.44	25	P 5	VOL		ETL	-1.06	UTS	ETL				520HF	KINETIC EXP +POINT
95	67				NDF		LTS	+1.62	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.36	113	3	NQI		LTS	+1.62	LTE	UTE				510UL	510 BOBBIN EXAM
95	75	4.62	174	P 1	DNT		LTS	+0.22	LTE	UTE				510UL	510 BOBBIN EXAM
95	77	10.58	174	P 1	DNT		LTS	-0.09	UTE	LTE				510UL	510 BOBBIN EXAM
95	80	2.77	174	P 1	DNT		LTE	+10.59	UTE	LTE				510UL	510 BOBBIN EXAM
95	93	0.35	14	P 5	VOL		ETL	-0.97	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.97	UTS	ETL	0.23	0.17		520HF	KINETIC EXP +POINT
95	111		0	12	CLP		UTS	-3.64	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-5.34	UTS	UTS	0.11	0.08		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-5.86	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
		0.23	14	P 5	VOL		UTS	-3.64	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.24	20	P 5	VOL		UTS	-5.34	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.32	12	P 5	VOL		UTS	-5.86	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.49	6	3	TWD	20	15S	+40.46	UTE	LTE				540HF	540 BOBBIN EXAM
		0.22	9	3	BVC		15S	+40.89	UTE	LTE				540HF	540 BOBBIN EXAM
		0.28	5	3	BVC		15S	+42.60	UTE	LTE				540HF	540 BOBBIN EXAM
95	123	1.31	7	3	TWD	23	UTS	+2.41	UTE	LTE				540HF	540 BOBBIN EXAM
		0.27	120	3	NQI		10S	+7.85	UTE	LTE				540HF	540 BOBBIN EXAM
		0.29	86	3	NQI		10S	+3.01	UTE	LTE				540HF	540 BOBBIN EXAM
					NDF		10S	+3.01	10S	10S				520HF	SPECIAL INTEREST +P
					NDF		10S	+7.85	10S	10S				520HF	SPECIAL INTEREST +P
		1.69	31	P 5	VOL		UTS	+2.08	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+2.08	UTS	ETL	0.23	0.23		520HF	KINETIC EXP +POINT
96	4	12.69	46	P 5	SCI		ETL	+2.07	ETL	ETL	97			520HF	KINETIC EXP +POINT
		0.24	44	P 5	ARC		ETL	+2.07	ETL	ETL				520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	ITW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
96	18		0	12	CLP		ETL	-1.04	ETL	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
		0.37	13	P 5	VOL		ETL	-1.04	ETL	ETL				520HF	KINETIC EXP +POINT
					NDF		01S	-12.76	01S	01S				520HF	SPECIAL INTEREST +P
		0.35	59	3	NQI		LTS	+33.24	LTE	UTE				510UL	510 BOBBIN EXAM

96	22	0.35	20	P 5	VOL		ETL	+1.54	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.54	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT

96	29	0.64	17	P 5	VOL		ETL	-1.06	ETL	ETL				520HF	KINETIC EXP +POINT
		0.60	16	P 5	VOL		ETL	+1.24	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.24	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.06	ETL	ETL	0.19	0.17		520HF	KINETIC EXP +POINT
		0.32	11	P 5	VOL		ETL	+1.69	ETL	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.69	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
		0.20	22	P 5	VOL		ETL	+3.17	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.17	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.20	16	P 5	VOL		ETL	+3.88	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.88	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.21	18	P 5	VOL		ETL	+4.23	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.23	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT

96	30	0.45	13	P 5	VOL		ETL	+1.88	ETL	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.88	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.61	16	P 5	VOL		ETL	+1.88	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.88	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
		0.27	12	P 5	VOL		ETL	+3.88	ETL	ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.88	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.21	21	P 5	VOL		ETL	+4.23	ETL	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.23	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT

96	32	0.71	7	3	TWD	23	15S	+3.32	UTS	UTS				540HF	540 BOBBIN EXAM
		1.71	6	3	INR		11S	+1.95	UTS	UTS				540HF	540 BOBBIN EXAM
		0.59	8	3	TWD	27	UTS	+3.32	UTS	UTS				540HF	540 BOBBIN EXAM
		0.40	11	3	TWD	37	15S	+4.02	UTS	UTS				540HF	540 BOBBIN EXAM
			0	12	CLP		UTS	-1.95	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-1.95	UTS	UTS	0.17	0.17		520HF	SPECIAL INTEREST +P
		0.15	5	P 5	VOL		UTS	+1.95	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.97	27	P 5	VOL		UTS	+3.32	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.67	27	P 5	VOL		UTS	+9.17	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	+9.17	UTS	UTS	0.19	0.19		520HF	SPECIAL INTEREST +P
		0.89	26	P 5	VOL		ETL	-3.11	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-3.11	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.42	15	P 5	VOL		ETL	+1.95	ETL	ETL	26			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.95	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.67	22	P 5	VOL		ETL	+3.32	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.32	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.35	29	P 5	VOL		ETL	+4.02	UTS	ETL	67			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.02	UTS	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
		0.27	11	P 5	VOL		UTS	-1.95	UTS	ETL				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-1.95	UTS	ETL	0.14	0.17		520HF	SPECIAL INTEREST +P

96	43	0.21	15	P 5	VOL		ETL	+2.72	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.72	ETL	ETL	0.14	0.22		520HF	KINETIC EXP +POINT

96	53	0.42	18	P 5	VOL		ETL	+1.73	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.73	ETL	ETL	0.19	0.17		520HF	KINETIC EXP +POINT

96	54	0.46	16	P 5	VOL		ETL	+3.30	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.30	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT

96	60	0.37	19	P 5	VOL		ETL	+2.32	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.32	ETL	ETL	0.16	0.19		520HF	KINETIC EXP +POINT

96	61	0.22	78	P 1	NQI		04S	+0.75	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		04S	+0.75	04S	04S				520HF	SPECIAL INTEREST +P
			0	12	CLP		ETL	-4.21	UTS	ETL	0.19	0.17		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		ETL	-3.30	UTS	ETL	0.12	0.17		520HF	KINETIC EXP +POINT
		0.52	20	P 5	VOL		ETL	-1.22	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.22	UTS	ETL	0.24	0.17		520HF	KINETIC EXP +POINT
		0.48	14	P 5	VOL		ETL	+0.85	UTS	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.85	UTS	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.63	22	P 5	VOL		ETL	+1.47	UTS	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.47	UTS	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.21	16	P 5	VOL		ETL	+2.05	UTS	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.05	UTS	ETL	0.19	0.17		520HF	KINETIC EXP +POINT
		0.34	18	P 5	VOL		ETL	+2.70	UTS	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.70	UTS	ETL	0.11	0.11		520HF	KINETIC EXP +POINT
		0.32	11	P 5	VOL		ETL	+3.18	UTS	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.18	UTS	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.31	9	P 5	VOL		ETL	+3.91	UTS	ETL	8			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.91	UTS	ETL	0.19	0.11		520HF	KINETIC EXP -POINT
		0.17	7	P 5	VOL		ETL	-4.21	UTS	ETL				520HF	KINETIC EXP +POINT
		0.16	6	P 5	VOL		ETL	-3.30	UTS	ETL				520HF	KINETIC EXP +POINT
96	74	0.30	20	P 5	VOL		ETL	+0.14	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.14	ETL	ETL	0.11	0.18		520HF	KINETIC EXP +POINT
96	76	19.52	174	P 1	DNT		LTS	-0.07	UTE	LTE				510UL	510 BOBBIN EXAM
96	102				NDF		LTS	+9.69	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.31	78	3	NQI		LTS	+9.69	UTE	LTE				510UL	510 BOBBIN EXAM
96	107	0.58	20	P 5	VOL		ETL	+1.08	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.08	ETL	ETL	0.19	0.17		520HF	KINETIC EXP +POINT
96	109	0.49	32	P 5	VOL		ETL	+2.03	ETL	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.03	ETL	ETL	0.19	0.17		520HF	KINETIC EXP +POINT
96	112		0	12	CLP		15S	+4.52	15S	15S	0.12	0.13		520HF	SPECIAL INTEREST +P
		0.30	8	P 5	VOL		15S	+4.52	15S	15S				520HF	SPECIAL INTEREST +P
		0.37	7	3	BVC		15S	+4.40	UTE	LTE				540HF	540 BOBBIN EXAM
96	114		0	12	CLP		15S	+6.18	15S	15S	0.12	0.21		520HF	SPECIAL INTEREST +P
		0.22	3	P 5	VOL		15S	+6.18	15S	15S				520HF	SPECIAL INTEREST +P
96	121	0.35	9	3	BVC		08S	+28.46	UTE	LTE				510UL	510 BOBBIN EXAM
		0.40	5	3	TWD 17		08S	+28.56	UTE	LTE				540HF	540 BOBBIN EXAM
					NDF		09S	-10.44	09S	09S				520HF	SPECIAL INTEREST +P
					NDF		09S	-10.54	09S	09S				520HF	SPECIAL INTEREST +P
96	123	2.85	174	P 1	DNT		LTE	+10.87	UTE	LTE				510UL	510 BOBBIN EXAM
97	9	0.37	4	3	INR		15S	+33.25	UTE	LTE				540HF	540 BOBBIN EXAM
97	10				NDF		13S	-5.86	13S	13S				520HF	SPECIAL INTEREST +P
		1.07	79	6	ADI		12S	+31.14	LTE	UTE				510UL	510 BOBBIN EXAM
97	18	0.13	83	3	INR		10S	+14.43	LTE	UTE				510UL	510 BOBBIN EXAM
97	25	0.65	5	3	TWD 17		15S	+33.73	UTE	LTE				540HF	540 BOBBIN EXAM
		0.58	2	3	INR		15S	+31.30	UTE	LTE				540HF	540 BOBBIN EXAM
			0.58	2	3	INR	15S	+34.01	UTE	LTE				540HF	540 BOBBIN EXAM
			0	12	CLP		UTS	-12.80	UTS	UTS	0.16	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-15.28	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
		0.52	19	P 5	VOL		UTS	-12.80	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.36	13	P 5	VOL		UTS	-15.28	UTS	UTS				520HF	SPECIAL INTEREST +P
97	75	6.62	176	P 1	DNT		LTS	-0.09	UTE	LTE				510UL	510 BOBBIN EXAM
97	76	29.89	174	P 1	DNT		LTS	-0.02	UTE	LTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
97	77	15.32	173	P 1	DNT	LTS	+0.00	UTE	LTE					510UL	510 BOBBIN EXAM
97	82	5.44	173	P 1	DNT	LTS	-0.16	UTE	LTE					510UL	510 BOBBIN EXAM
97	84	5.02	174	P 1	DNT	LTS	-0.16	UTE	LTE					510UL	510 BOBBIN EXAM
97	94	0.16	93	3	NQI	LTS	+2.33	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	LTS	+2.33	LTS	LTS					520HF	SPECIAL INTEREST +P
98	4	2.57	36	P 5	SCI	ETL	+1.26	ETL	ETL	81				520HF	KINETIC EXP +POINT
		0.25	46	P 5	ARC	ETL	+1.26	ETL	ETL					520HF	KINETIC EXP +POINT
98	25	0.30	10	3	BVC	15S	+35.60	UTE	LTE					540HF	540 BOBBIN EXAM
		0.39	14	3	BVC	15S	+33.56	UTE	LTE					540HF	540 BOBBIN EXAM
			0	12	CLP	UTS	-11.03	UTS	UTS	0.16	0.14			520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-13.07	UTS	UTS	0.16	0.14			520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-16.00	UTS	UTS	0.16	0.14			520HF	SPECIAL INTEREST +P
		0.53	22	P 5	VOL	UTS	-11.03	UTS	UTS					520HF	SPECIAL INTEREST +P
		0.53	22	P 5	VOL	UTS	-11.03	UTS	UTS					520HF	SPECIAL INTEREST +P
		0.55	24	P 5	VOL	UTS	-13.07	UTS	UTS					520HF	SPECIAL INTEREST +P
		0.09	16	P 5	VOL	UTS	-16.00	UTS	UTS					520HF	SPECIAL INTEREST +P
98	33	1.01	5	3	TWD 17	05S	+15.17	UTE	LTE					540HF	540 BOBBIN EXAM
					NDF	05S	+15.17	05S	05S					520HF	SPECIAL INTEREST +P
98	63	0.12	129	P 2	NQI	LTS	+1.03	LTS	LTS					520HF	SPECIAL INTEREST +P
					NDF	LTS	+1.03	LTE	UTE					510UL	510 BOBBIN EXAM
98	74	13.81	178	P 1	DNT	LTS	-0.31	UTE	LTE					510UL	510 BOBBIN EXAM
98	76	13.36	174	P 1	DNT	LTS	+0.00	UTE	LTE					510UL	510 BOBBIN EXAM
98	77	31.80	175	P 1	DNT	LTS	+0.00	UTE	LTE					510UL	510 BOBBIN EXAM
98	78	25.47	174	P 1	DNT	LTS	+0.00	UTE	LTE					510UL	510 BOBBIN EXAM
98	79	8.53	174	P 1	DNT	LTS	-0.02	UTE	LTE					510UL	510 BOBBIN EXAM
98	83	15.03	174	P 1	DNT	LTS	+0.00	UTE	LTE					510UL	510 BOBBIN EXAM
98	84	18.96	173	P 1	DNT	LTS	-0.14	UTE	LTE					510UL	510 BOBBIN EXAM
98	85	3.86	174	P 1	DNT	LTS	-0.09	UTE	LTE					510UL	510 BOBBIN EXAM
98	91	0.29	21	P 5	VOL	ETL	-1.63	UTS	ETL	0.27	0.23			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-1.63	UTS	ETL	0.23	0.23			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+4.91	UTS	ETL	0.23	0.23			520HF	KINETIC EXP +POINT
		0.21	21	P 5	VOL	ETL	+0.88	UTS	ETL	36				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.88	UTS	ETL	0.18	0.17			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.80	UTS	ETL	0.23	0.23			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.62	UTS	ETL	0.23	0.23			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+4.22	UTS	ETL	0.14	0.23			520HF	KINETIC EXP +POINT
		0.30	12	P 5	VOL	ETL	+1.80	UTS	ETL	13				520HF	KINETIC EXP +POINT
		0.99	30	P 5	VOL	ETL	+4.22	UTS	ETL	71				520HF	KINETIC EXP +POINT
		0.43	24	P 5	VOL	ETL	+3.62	UTS	ETL	47				520HF	KINETIC EXP +POINT
		0.48	10	P 5	VOL	ETL	+4.91	UTS	ETL	9				520HF	KINETIC EXP +POINT
98	92		0	12	CLP	UTS	-1.60	UTS	UTS	0.19	0.21			520HF	SPECIAL INTEREST +P
		0.16	14	P 5	VOL	UTS	-1.60	UTS	UTS					520HF	SPECIAL INTEREST +P
		0.13	14	P 5	VOL	UTS	-1.50	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-1.50	UTS	UTS	0.17	0.17			520HF	SPECIAL INTEREST +P
		0.24	9	3	BVC	15S	+44.92	UTE	LTE					540HF	540 BOBBIN EXAM
		0.79	5	3	TWD 17	15S	+27.02	UTE	LTE					540HF	540 BOBBIN EXAM
98	94	1.13	87	6	ADI	03S	+24.30	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	04S	-15.70	04S	04S					520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
99	1				NDF		09S	+2.26	09S	09S				520HF	SPECIAL INTEREST +P
		1.68	15	P 5	VOL		08S	+5.10	08S	08S				520HF	SPECIAL INTEREST +P
			0	12	CLP		08S	+5.10	08S	08S	0.10	0.10		520HF	SPECIAL INTEREST +P
					NDF		05S	+12.51	05S	05S				520HF	SPECIAL INTEREST +P
					NDF		05S	-17.46	05S	05S				520HF	SPECIAL INTEREST +P
					NDF		05S	-15.05	05S	05S				520HF	SPECIAL INTEREST +P
					NDF		03S	-1.71	03S	03S				520HF	SPECIAL INTEREST +P
		0.70	5	3	TWD	17	05S	+12.51	UTE	LTE				540HF	540 BOBBIN EXAM
		0.54	6	3	TWD	20	04S	+23.95	UTE	LTE				540HF	540 BOBBIN EXAM
		0.40	9	3	TWD	30	04S	+21.54	UTE	LTE				540HF	540 BOBBIN EXAM
		0.35	12	3	BVC		02S	+37.29	UTE	LTE				540HF	540 BOBBIN EXAM
		8.18	176	P 1	DNT		LTE	+10.00	UTE	LTE				540HF	540 BOBBIN EXAM
		0.37	10	3	TWD	33	08S	+4.98	UTE	LTE				540HF	540 BOBBIN EXAM
		0.33	11	3	TWD	37	09S	+2.26	UTE	LTE				540HF	540 BOBBIN EXAM
99	2				NDF		10S	-0.80	10S	10S				520HF	SPECIAL INTEREST +P
					NDF		LTE	+11.01	LTE	LTE				520HF	SPECIAL INTEREST +P
		7.24	173	P 1	DNT		LTE	+11.01	LTE	UTE				510UL	510 BOBBIN EXAM
		0.17	160	P 1	NQI		10S	-0.80	LTE	UTE				510UL	510 BOBBIN EXAM
99	17	0.58	9	3	TWD	30	15S	+32.93	UTE	LTE				540HF	540 BOBBIN EXAM
		0.36	8	3	BVC		15S	+31.66	UTE	LTE				540HF	540 BOBBIN EXAM
			0	12	CLP		UTS	-13.72	UTS	UTS	0.16	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-15.03	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
		0.26	18	P 5	VOL		UTS	-15.03	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.52	22	P 5	VOL		UTS	-13.72	UTS	UTS				520HF	SPECIAL INTEREST +P
99	30	0.64	6	3	TWD	20	15S	+40.11	UTE	LTE				540HF	540 BOBBIN EXAM
		0.66	16	P 5	VOL		UTS	-6.50	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-6.50	UTS	UTS	0.17	0.19		520HF	SPECIAL INTEREST +P
99	33	0.27	13	P 5	VOL		ETL	-1.53	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.53	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.25	15	P 5	VOL		ETL	-0.88	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.88	UTS	ETL	0.15	0.14		520HF	KINETIC EXP +POINT
99	61	0.57	83	3	INR		LTS	+0.70	LTE	UTE				510UL	510 BOBBIN EXAM
99	62	0.48	5	3	TWD	17	15S	+34.06	UTE	LTE				540HF	540 BOBBIN EXAM
			0	12	CLP		UTS	-2.86	UTS	UTS	0.11	0.21		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-12.45	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-16.35	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.21	16	P 5	VOL		UTS	-2.86	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.43	11	P 5	VOL		UTS	-12.45	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.39	16	P 5	VOL		UTS	-16.35	UTS	UTS				520HF	SPECIAL INTEREST +P
99	65				NDF		08S	+15.99	08S	08S				520HF	SPECIAL INTEREST +P
		0.15	86	3	NQI		08S	+15.99	LTE	UTE				510UL	510 BOBBIN EXAM
99	73	31.68	172	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
99	74	25.51	172	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
99	75	6.11	175	P 1	DNT		LTS	-0.14	UTE	LTE				510UL	510 BOBBIN EXAM
99	76	29.11	174	P 1	DNT		LTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
99	77	41.17	174	P 1	DNT		LTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
		0.13	98	P 5	TWD	3	07S	-0.40	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
99	78	33.95	174	P 1	DNT		LTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
99	79	15.12	175	P 1	DNT		LTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
99	82	8.63	175	P 1	DNT		LTS	-0.14	UTE	LTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
99	83	26.78	173	P 1	DNT	LTS	+0.00	UTE	LTE					510UL	510 BOBBIN EXAM
99	84	9.69	173	P 1	DNT	LTS	-0.13	UTE	LTE					510UL	510 BOBBIN EXAM
99	93	0.29	16	P 5	VOL	ETL	-0.24	UTS	ETL	0.18		0.17		520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.24	UTS	ETL					520HF	KINETIC EXP +POINT
99	99	0.21	74	3	INR	LTS	+13.40	UTE	LTE					510UL	510 BOBBIN EXAM
99	112	0.27	8	3	BVC	15S	+13.18	UTE	LTE					540HF	540 BOBBIN EXAM
			0	12	CLP	15S	+13.83	15S	15S	0.19		0.10		520HF	SPECIAL INTEREST +P
		1.34	14	P 5	VOL	15S	+13.83	15S	15S					520HF	SPECIAL INTEREST +P
99	121	0.19	96	3	NQI	10S	+7.30	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	10S	+7.30	10S	10S					520HF	SPECIAL INTEREST +P
100	2		0	12	CLP	ETL	+0.05	ETL	ETL	0.10		0.10		520HF	KINETIC EXP +POINT
		0.92	27	P 5	VOL	ETL	+0.05	ETL	ETL	40				520HF	KINETIC EXP +POINT
		5.53	29	P 5	VOL	ETL	+2.49	ETL	ETL	67				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.49	ETL	ETL	0.20		0.15		520HF	KINETIC EXP +POINT
		6.55	174	P 1	DNT	LTE	+10.62	LTE	UTE					510UL	510 BOBBIN EXAM
		0.20	74	P 5	TWD	10S	-0.76	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
100	23	0.26	18	P 5	VOL	ETL	+1.77	UTS	ETL	27				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.77	UTS	ETL	0.14		0.11		520HF	KINETIC EXP +POINT
		0.47	19	P 5	VOL	ETL	+0.01	UTS	ETL	30				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.01	UTS	ETL	0.18		0.17		520HF	KINETIC EXP +POINT
		0.80	22	P 5	VOL	ETL	-2.46	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-2.46	UTS	ETL	0.14		0.11		520HF	KINETIC EXP +POINT
		0.41	6	P 5	VOL	ETL	-3.08	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-3.08	UTS	ETL	0.14		0.11		520HF	KINETIC EXP +POINT
100	29	0.33	11	P 5	VOL	ETL	+0.43	ETL	ETL	11				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.43	ETL	ETL	0.10		0.05		520HF	KINETIC EXP +POINT
		0.19	15	P 5	VOL	ETL	+3.21	ETL	ETL	20				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.21	ETL	ETL	0.05		0.05		520HF	KINETIC EXP +POINT
		0.86	22	P 5	VOL	ETL	+3.83	ETL	ETL	40				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.83	ETL	ETL	0.15		0.10		520HF	KINETIC EXP +POINT
100	31	0.33	23	P 5	VOL	ETL	-0.85	UTS	ETL					520HF	SPECIAL INTEREST +P
			0	12	CLP	ETL	-0.85	UTS	ETL	0.17		0.14		520HF	SPECIAL INTEREST +P
		0.22	21	P 5	VOL	UTS	+3.86	UTS	ETL					520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	+3.86	UTS	ETL	0.12		0.14		520HF	SPECIAL INTEREST +P
		0.32	21	P 5	VOL	ETL	-1.21	ETL	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-1.21	ETL	ETL	0.10		0.10		520HF	KINETIC EXP +POINT
		0.64	27	P 5	VOL	ETL	+2.59	ETL	ETL	58				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.59	ETL	ETL	0.10		0.10		520HF	KINETIC EXP +POINT
		0.50	22	P 5	VOL	ETL	+3.54	ETL	ETL	40				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.54	ETL	ETL	0.15		0.10		520HF	KINETIC EXP +POINT
		1.01	28	P 5	VOL	ETL	+3.84	ETL	ETL	63				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.84	ETL	ETL	0.15		0.10		520HF	KINETIC EXP +POINT
		0.42	25	P 5	VOL	ETL	+4.08	ETL	ETL	51				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+4.08	ETL	ETL	0.10		0.10		520HF	KINETIC EXP +POINT
		0.24	10	P 2	BVC	UTS	+6.19	UTE	LTE					540HF	540 BOBBIN EXAM
		0.21	12	P 2	BVC	UTS	+3.70	UTE	LTE					540HF	540 BOBBIN EXAM
100	32		0	12	CLP	ETL	-1.52	ETL	ETL	0.15		0.11		520HF	KINETIC EXP +POINT
		0.21	21	P 5	VOL	ETL	-1.52	ETL	ETL					520HF	KINETIC EXP +POINT
		0.16	7	P 5	VOL	ETL	+0.51	ETL	ETL	5				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.51	ETL	ETL	0.10		0.11		520HF	KINETIC EXP +POINT
		0.16	29	P 5	VOL	ETL	+1.27	ETL	ETL	67				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.27	ETL	ETL	0.15		0.11		520HF	KINETIC EXP +POINT
		0.20	23	P 5	VOL	ETL	+2.27	ETL	ETL	43				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.27	ETL	ETL	0.20		0.11		520HF	KINETIC EXP +POINT
		0.53	22	P 5	VOL	ETL	+4.06	ETL	ETL	40				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+4.06	ETL	ETL	0.15		0.11		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
100 33			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
		0.30	23	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
100 34		0.43	9	P 2	TWD 30		UTS							540HF	540 BOBBIN EXAM
		0.18	14	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.10		0.11		520HF	KINETIC EXP +POINT
100 35		0.19	19	P 5	VOL		ETL			30				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.10		0.10		520HF	KINETIC EXP +POINT
100 38			0	12	CLP		ETL			0.14		0.17		520HF	KINETIC EXP +POINT
		0.44	15	P 5	VOL		ETL			20				520HF	KINETIC EXP +POINT
100 39		0.38	13	P 5	VOL		ETL			15				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.14		0.16		520HF	KINETIC EXP +POINT
100 40		0.64	20	P 5	VOL		ETL			33				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.14		0.11		520HF	KINETIC EXP +POINT
100 45		0.69	25	P 5	VOL		ETL			51				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.14		0.17		520HF	KINETIC EXP +POINT
		0.44	10	P 5	VOL		ETL			9				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.14		0.17		520HF	KINETIC EXP +POINT
		0.48	21	P 5	VOL		ETL			36				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.19		0.22		520HF	KINETIC EXP +POINT
100 51		0.31	11	P 2	BVC		UTS							540HF	540 BOBBIN EXAM
		0.25	22	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.13		0.11		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.13		0.17		520HF	KINETIC EXP +POINT
		0.21	23	P 5	VOL		ETL			43				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.13		0.11		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.09		0.11		520HF	KINETIC EXP +POINT
		0.20	8	P 5	VOL		ETL			6				520HF	KINETIC EXP +POINT
		0.17	30	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
100 53		0.18	14	P 5	VOL		ETL			17				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.14		0.11		520HF	KINETIC EXP +POINT
100 71		0.31	11	P 5	VOL		ETL			11				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.16		0.14		520HF	KINETIC EXP +POINT
		0.49	18	P 5	VOL		ETL			27				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.16		0.14		520HF	KINETIC EXP +POINT
100 72		17.06	173	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
100 73		36.40	172	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
100 74		28.30	177	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
100 75		24.28	174	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
100 76		33.85	173	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
		0.76	25	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.17		0.14		520HF	KINETIC EXP +POINT
		0.31	19	P 5	VOL		ETL			30				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.17		0.14		520HF	KINETIC EXP +POINT
100 77		31.62	173	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
100 78		25.64	173	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
100 79		16.41	174	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
100 80		4.37	173	P 1	DNT		LTS							510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
100	81	12.71	173	P 1	DNT		LTS	-0.12	UTE	LTE				510UL	510 BOBBIN EXAM
100	82	12.87	173	P 1	DNT		LTS	-0.14	UTE	LTE				510UL	510 BOBBIN EXAM
100	83	8.56	173	P 1	DNT		LTS	-0.11	UTE	LTE				510UL	510 BOBBIN EXAM
100	90	0.16	49	2	INR		ETL	+2.95	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+3.03	UTS	ETL	0.27	0.23		520HF	KINETIC EXP +POINT
		0.26	22	P 5	VOL		UTS	+3.03	UTS	ETL				520HF	KINETIC EXP +POINT
100	92		0	12	CLP		ETL	+4.25	ETL	ETL	0.11	0.10		520HF	KINETIC EXP +POINT
		0.43	21	P 5	VOL		ETL	+4.25	ETL	ETL	36			520HF	KINETIC EXP +POINT
		0.23	29	P 5	VOL		ETL	+0.36	ETL	ETL	67			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.36	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
100	93	0.55	15	P 5	VOL		ETL	+0.73	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.73	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
		0.67	17	P 5	VOL		ETL	+1.92	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.92	ETL	ETL	0.17	0.13		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.56	ETL	ETL	0.12	0.09		520HF	KINETIC EXP +POINT
		0.64	19	P 5	VOL		ETL	+2.56	ETL	ETL	38			520HF	KINETIC EXP +POINT
100	120	0.08	205	P 2	INR		LTE	+20.01	UTE	LTE				510UL	510 BOBBIN EXAM
100	122	2.90	177	P 1	DNT		LTE	+10.40	UTE	LTE				540HF	540 BOBBIN EXAM
		3.11	174	P 1	DNT		LTE	+11.14	UTE	LTE				540HF	540 BOBBIN EXAM
		0.81	7	3	TWD 23		UTS	-5.30	UTE	LTE				540HF	540 BOBBIN EXAM
			0	12	CLP		ETL	-2.87	UTS	ETL	0.23	0.17		520HF	KINETIC EXP +POINT
		1.53	24	P 5	VOL		ETL	-2.40	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.40	UTS	ETL	0.27	0.23		520HF	KINETIC EXP +POINT
		0.35	39	P 5	VOL		ETL	-2.17	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.17	UTS	ETL	0.23	0.23		520HF	KINETIC EXP +POINT
		0.48	40	P 5	VOL		ETL	-2.87	UTS	ETL				520HF	KINETIC EXP +POINT
101	1	8.07	174	P 1	DNT		LTE	+11.02	LTE	UTE				510UL	510 BOBBIN EXAM
101	12	0.20	121	P 5	TWD 5		08S	-0.50	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
101	16	0.52	6	3	TWD 20		15S	+30.91	UTE	LTE				540HF	540 BOBBIN EXAM
			0	12	CLP		UTS	-15.58	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-14.48	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-16.70	UTS	UTS	0.11	0.09		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-17.30	UTS	UTS	0.11	0.09		520HF	SPECIAL INTEREST +P
		0.28	22	P 5	VOL		UTS	-14.48	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.31	16	P 5	VOL		UTS	-15.58	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.10	18	P 5	VOL		UTS	-16.70	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.15	14	P 5	VOL		UTS	-17.30	UTS	UTS				520HF	SPECIAL INTEREST +P
101	17	0.69	20	P 5	SCI		ETL	+1.81	ETL	ETL	81			520HF	KINETIC EXP +POINT
		0.17	32	P 5	ARC		ETL	+1.81	ETL	ETL				520HF	KINETIC EXP +POINT
101	27	0.49	20	P 5	SCI		ETL	+3.18	ETL	ETL	40			520HF	KINETIC EXP +POINT
		0.17	32	P 5	ARC		ETL	+3.18	ETL	ETL				520HF	KINETIC EXP +POINT
101	55	0.38	11	P 2	BVC		UTS	+6.72	UTE	LTE				540HF	540 BOBBIN EXAM
		0.29	17	P 5	VOL		UTS	+6.17	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+6.17	UTS	ETL	0.15	0.14		520HF	KINETIC EXP +POINT
101	61	0.90	5	3	TWD 17		15S	+29.62	UTE	LTE				540HF	540 BOBBIN EXAM
			0	12	CLP		UTS	-17.24	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.73	18	P 5	VOL		UTS	-17.24	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.55	16	P 5	VOL		UTS	-17.30	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-17.30	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
101	72	22.00	176	P 1	DNT		LTS	+0.05	UTE	LTE				510UL	510 BOBBIN EXAM
101	73	29.09	172	P 1	DNT		LTS	-0.03	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
101 74		30.21	168	P 1	DNT		LTS			+0.00				LTE UTE	510UL 510 BOBBIN EXAM
101 75		31.76	174	P 1	DNT		LTS			-0.05				UTE LTE	510UL 510 BOBBIN EXAM
101 76		26.47	174	P 1	DNT		LTS			+0.00				UTE LTE	510UL 510 BOBBIN EXAM
101 77		22.43	174	P 1	DNT		LTS			-0.11				UTE LTE	510UL 510 BOBBIN EXAM
101 78		12.00	174	P 1	DNT		LTS			-0.12				UTE LTE	510UL 510 BOBBIN EXAM
101 79		5.25	175	P 1	DNT		LTS			-0.18				UTE LTE	510UL 510 BOBBIN EXAM
101 80		8.65	174	P 1	DNT		LTS			-0.13				UTE LTE	510UL 510 BOBBIN EXAM
101 81		9.51	174	P 1	DNT		LTS			-0.16				UTE LTE	510UL 510 BOBBIN EXAM
101 112			0	12	CLP		15S			+10.99				15S 15S 0.06 0.08	520HF SPECIAL INTEREST +P
			0	12	CLP		15S			+8.90				15S 15S 0.11 0.08	520HF SPECIAL INTEREST +P
			0	12	CLP		15S			+8.03				15S 15S 0.11 0.13	520HF SPECIAL INTEREST +P
		0.25	8	P 5	VOL		15S			+10.99				15S 15S	520HF SPECIAL INTEREST +P
		0.36	9	P 5	VOL		15S			+8.90				15S 15S	520HF SPECIAL INTEREST +P
		0.20	19	P 5	VOL		15S			+8.03				15S 15S	520HF SPECIAL INTEREST +P
		0.32	18	3	BVC		15S			+10.85				UTE LTE	540HF 540 BOBBIN EXAM
			0	12	CLP		15S			+11.28				15S 15S 0.19 0.15	520HF SPECIAL INTEREST +P
			0	12	CLP		15S			+8.98				15S 15S 0.19 0.15	520HF SPECIAL INTEREST +P
			0	12	CLP		15S			+8.01				15S 15S 0.15 0.15	520HF SPECIAL INTEREST +P
		1.25	9	P 5	VOL		15S			+11.28				15S 15S	520HF SPECIAL INTEREST +P
		1.38	9	P 5	VOL		15S			+8.98				15S 15S	520HF SPECIAL INTEREST +P
		0.75	8	P 5	VOL		15S			+8.01				15S 15S	520HF SPECIAL INTEREST +P
101 114		0.07	86	P 1	INR		08S			-0.45				UTE LTE	510UL 510 BOBBIN EXAM
101 122		4.64	175	P 1	DNT		LTE			+10.74				UTE LTE	510UL 510 BOBBIN EXAM
		0.22	43	P 1	INR		15S			+0.75				UTE LTE	510UL 510 BOBBIN EXAM
					NDF		LTE			+10.74				LTE LTE	520HF SPECIAL INTEREST +P
102 2		0.14	69	P 1	INR		10S			-0.86				LTE UTE	510UL 510 BOBBIN EXAM
102 8		0.58	15	P 1	PID		LTE			+0.11				LTE LTE	520HF LTE ROLL +POINT
					NDF		LTS			-8.07				LTS LTS	520HF SPECIAL INTEREST +P
		0.57	154	P 2	NQI		LTE			+15.93				LTE UTE	510UL 510 BOBBIN EXAM
		0.79	30	P 5	SCI		LTE			+0.11			LAR	LTE LTE	520HF LTE ROLL +POINT
		0.21	39	P 5	ARC		LTE			+0.11				LTE LTE	520HF LTE ROLL +POINT
102 13		0.52	24	P 5	SCI		ETL			+1.08			47	ETL ETL	520HF KINETIC EXP +POINT
		0.15	27	P 5	ARC		ETL			+1.08				ETL ETL	520HF KINETIC EXP +POINT
102 27		0.43	14	P 5	VOL		ETL			+3.68				UTS ETL 17	520HF KINETIC EXP +POINT
			0	12	CLP		ETL			+3.68				UTS ETL 0.13 0.12	520HF KINETIC EXP +POINT
		0.44	15	P 5	VOL		ETL			+2.60				UTS ETL 20	520HF KINETIC EXP +POINT
			0	12	CLP		ETL			+2.60				UTS ETL 0.13 0.12	520HF KINETIC EXP +POINT
		0.24	9	P 5	VOL		ETL			+1.91				UTS ETL 8	520HF KINETIC EXP +POINT
			0	12	CLP		ETL			+1.91				UTS ETL 0.13 0.12	520HF KINETIC EXP +POINT
		0.33	18	P 5	VOL		ETL			-0.02				UTS ETL	520HF KINETIC EXP +POINT
			0	12	CLP		ETL			-0.02				UTS ETL 0.13 0.12	520HF KINETIC EXP +POINT
102 28		0.17	24	P 5	VOL		ETL			-1.73				UTS ETL	520HF KINETIC EXP +POINT
			0	12	CLP		ETL			-1.73				UTS ETL 0.13 0.18	520HF KINETIC EXP +POINT
102 50			0	12	CLP		ETL			+0.66				UTS ETL 0.10 0.05	520HF KINETIC EXP +POINT
		0.40	13	P 5	VOL		ETL			+0.66				UTS ETL 15	520HF KINETIC EXP +POINT
		0.32	12	P 5	INR		ETL			+0.00				UTS ETL	520HF KINETIC EXP +POINT
102 55		0.45	25	P 5	VOL		ETL			+1.64				ETL ETL 51	520HF KINETIC EXP +POINT
			0	12	CLP		ETL			+1.64				ETL ETL 0.16 0.19	520HF KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.62	15	P	5	VOL	ETL	+2.30	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+2.30	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
102	63	6.43	180	P	1	DNT	LTE	+10.71	UTE	LTE				510UL	510 BOBBIN EXAM
102	64	6.49	172	P	1	DNT	LTE	+10.83	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	LTE	+10.83	LTE	LTE				520HF	SPECIAL INTEREST +P
102	72	4.51	171	P	1	DNT	LTS	-0.06	LTE	UTE				510UL	510 BOBBIN EXAM
102	73	12.90	171	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
102	74	15.68	167	P	1	DNT	LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
102	75	22.57	167	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
102	76	9.78	167	P	1	DNT	LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
102	77	3.63	165	P	1	DNT	LTS	-0.05	LTE	UTE				510UL	510 BOBBIN EXAM
		0.14	115	3		INR	15S	+1.90	LTE	UTE				510UL	510 BOBBIN EXAM
102	78	4.09	184	P	1	DNT	12S	+21.73	UTE	LTE				510UL	510 BOBBIN EXAM
		3.50	229	2		PVN	13S	-15.27	13S	13S				520HF	SPECIAL INTEREST +P
102	90	0.23	7	P	5	VOL	ETL	+0.71	UTS	ETL	3			520HF	KINETIC EXP +POINT
		0.46	25	P	5	VOL	ETL	+1.41	UTS	ETL	51			520HF	KINETIC EXP +POINT
		0.34	23	P	5	VOL	ETL	+1.01	UTS	ETL	43			520HF	KINETIC EXP +POINT
		0.20	18	P	5	VOL	ETL	+1.73	UTS	ETL	27			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-0.95	UTS	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-0.71	UTS	ETL	0.14	0.12		520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+1.01	UTS	ETL	0.14	0.12		520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+1.41	UTS	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+1.73	UTS	ETL	0.14	0.12		520HF	KINETIC EXP +POINT
		0.39	11	P	5	VOL	ETL	-0.95	UTS	ETL				520HF	KINETIC EXP +POINT
102	100	2.81	185	P	1	DNT	LTE	+10.92	UTE	LTE				510UL	510 BOBBIN EXAM
102	120		0		12	CLP	ETL	+3.27	UTS	ETL	0.28	0.23		520HF	KINETIC EXP +POINT
		0.44	14	P	5	VOL	ETL	-2.27	UTS	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-2.27	UTS	ETL	0.28	0.17		520HF	KINETIC EXP +POINT
		0.36	17	P	5	VOL	ETL	+3.27	UTS	ETL	25			520HF	KINETIC EXP +POINT
103	4	0.83	23	P	5	VOL	ETL	-0.37	UTS	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-0.37	UTS	ETL	0.15	0.12		520HF	KINETIC EXP +POINT
		0.50	18	P	5	VOL	ETL	+1.38	UTS	ETL	27			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+1.38	UTS	ETL	0.13	0.10		520HF	KINETIC EXP +POINT
103	34		0		12	CLP	ETL	-0.30	UTS	ETL	0.18	0.16		520HF	KINETIC EXP +POINT
		0.44	5	P	5	VOL	ETL	+1.27	UTS	ETL	3			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+1.27	UTS	ETL	0.09	0.11		520HF	KINETIC EXP +POINT
		0.70	21	P	5	VOL	ETL	+1.72	UTS	ETL	36			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+1.72	UTS	ETL	0.22	0.16		520HF	KINETIC EXP +POINT
		0.28	11	P	5	VOL	ETL	+4.39	UTS	ETL	11			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+4.39	UTS	ETL	0.26	0.16		520HF	KINETIC EXP +POINT
		0.27	28	P	5	VOL	ETL	-0.30	UTS	ETL				520HF	KINETIC EXP +POINT
103	57	0.20	11	P	5	VOL	ETL	+0.53	ETL	ETL	11			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+0.53	ETL	ETL	0.11	0.09		520HF	KINETIC EXP +POINT
103	61	6.94	77	6		ADI	LTS	+25.43	LTE	UTE				510UL	510 BOBBIN EXAM
		4.27	94	1		MBM	01S	-20.57	01S	01S	HR			520HF	SPECIAL INTEREST +P
103	63	7.04	174	P	1	DNT	LTE	+11.26	LTE	UTE				510UL	510 BOBBIN EXAM
103	65					NDF	LTE	+11.01	LTE	LTE				520HF	SPECIAL INTEREST +P
		6.34	173	P	1	DNT	LTE	+11.01	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	&TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
103 74	74	5.45	164	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
103 75	75	11.49	174	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
103 76	76	5.79	166	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
103 77			0	12	CLP	UTS	-21.69	UTS	UTS	0.11	0.09			520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-22.04	UTS	UTS	0.11	0.09			520HF	SPECIAL INTEREST +P
			0	12	CLP	UTS	-22.34	UTS	UTS	0.11	0.09			520HF	SPECIAL INTEREST +P
		0.41	8	P 5	VOL	UTS	-21.69	UTS	UTS					520HF	SPECIAL INTEREST +P
		1.15	24	P 5	VOL	UTS	-22.04	UTS	UTS					520HF	SPECIAL INTEREST +P
		0.35	15	P 5	VOL	UTS	-22.34	UTS	UTS					520HF	SPECIAL INTEREST +P
		0.69	6	3	TWD 20	15S	+24.76	UTE	LTE					540HF	540 BOBBIN EXAM
103 79					NDF	07S	+12.73	07S	07S					520HF	SPECIAL INTEREST +P
		0.22	72	3	NQI	07S	+12.73	UTE	LTE					510UL	510 BOBBIN EXAM
103 91		0.33	15	P 5	VOL	ETL	-1.64	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-1.64	UTS	ETL	0.23	0.23			520HF	KINETIC EXP +POINT
		0.15	20	P 5	VOL	ETL	-0.82	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.82	UTS	ETL	0.16	0.17			520HF	KINETIC EXP +POINT
		0.26	12	P 5	VOL	ETL	+2.76	UTS	ETL	22				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.76	UTS	ETL	0.23	0.17			520HF	KINETIC EXP +POINT
		1.38	32	P 5	VOL	ETL	+3.68	UTS	ETL	71				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.68	UTS	ETL	0.27	0.17			520HF	KINETIC EXP +POINT
103 92		0.33	13	P 5	VOL	ETL	-0.17	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.17	UTS	ETL	0.18	0.17			520HF	KINETIC EXP +POINT
		0.36	27	P 5	VOL	ETL	+3.19	UTS	ETL	76				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.19	UTS	ETL	0.18	0.17			520HF	KINETIC EXP +POINT
		0.34	34	P 5	VOL	ETL	+3.62	UTS	ETL	40				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.62	UTS	ETL	0.14	0.12			520HF	KINETIC EXP +POINT
		0.29	28	2	VOL	ETL	+4.95	UTS	ETL	27				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+4.95	UTS	ETL	0.14	0.17			520HF	KINETIC EXP +POINT
103 112		0.75	34	P 5	VOL	ETL	-1.70	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-1.70	UTS	ETL	0.22	0.14			520HF	KINETIC EXP +POINT
103 113		0.39	112	3	NQI	08S	+34.82	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	09S	-4.18	09S	09S					520HF	SPECIAL INTEREST +P
103 123		8.66	176	P 1	DNT	LTE	+11.34	UTE	LTE					510UL	510 BOBBIN EXAM
104 4		0.19	79	P 1	NQI	08S	+0.63	LTE	UTE					510UL	510 BOBBIN EXAM
		0.52	91	P 2	TWD 13	08S	+0.61	08S	08S	WAR				520HF	SPECIAL INTEREST +P
104 5		0.20	87	P 1	NQI	08S	+0.69	LTE	UTE					510UL	510 BOBBIN EXAM
		0.47	80	P 2	TWD 12	08S	+0.67	08S	08S	WAR				520HF	SPECIAL INTEREST +P
104 6		0.15	98	P 5	TWD 3	09S	-0.18	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
104 19		1.50	28	P 5	SCI	ETL	+2.16	ETL	ETL	96				520HF	KINETIC EXP +POINT
		0.22	40	P 5	ARC	ETL	+2.16	ETL	ETL					520HF	KINETIC EXP +POINT
104 24		0.30	13	P 2	BVC	UTS	+4.32	UTE	LTE					540HF	540 BOBBIN EXAM
			0	12	CLP	UTS	+3.48	UTS	ETL	0.14	0.11			520HF	KINETIC EXP +POINT
			0	12	CLP	UTS	+1.15	UTS	ETL	0.14	0.11			520HF	KINETIC EXP +POINT
					INF	ETL	+1.60	UTS	ETL	HR				520HF	KINETIC EXP +POINT
		0.11	10	P 5	VOL	UTS	+1.15	UTS	ETL					520HF	KINETIC EXP +POINT
		0.67	19	P 5	VOL	UTS	+3.48	UTS	ETL					520HF	KINETIC EXP +POINT
					NDF	UTS	+4.32	UTS	ETL					520HF	KINETIC EXP +POINT
104 42		0.22	16	P 5	VOL	ETL	+0.55	ETL	ETL	22				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.55	ETL	ETL	0.05	0.05			520HF	KINETIC EXP +POINT
104 48		0.32	17	P 5	VOL	ETL	+1.22	ETL	ETL	25				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.22	ETL	ETL	0.10	0.11			520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.54	12	P	5	VOL	ETL +1.66	ETL	ETL	13				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +1.66	ETL	ETL	0.14	0.17			520HF	KINETIC EXP +POINT
		0.27	19	F	5	VOL	ETL +2.45	ETL	ETL	30				520HF	KINETIC EXP +POINT
		0.45	15	P	5	VOL	ETL +4.45	ETL	ETL	20				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +4.45	ETL	ETL	0.14	0.17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +2.45	ETL	ETL	0.14	0.18			520HF	KINETIC EXP +POINT
104	49	0.49	24	P	5	VOL	ETL +0.37	ETL	ETL	47				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +0.37	ETL	ETL	0.14	0.17			520HF	KINETIC EXP +POINT
		0.70	23	P	5	VOL	ETL +3.61	ETL	ETL	43				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -3.61	ETL	ETL	0.19	0.11			520HF	KINETIC EXP +POINT
104	51					NDF	03S -2.61	03S						520HF	SPECIAL INTEREST +P
		0.80	82	E		ADI	02S -36.39	LTE						510UL	510 BOBBIN EXAM
104	63	7.13	173	P	1	DNT	LTE +10.97	LTE						510UL	510 BOBBIN EXAM
104	64	6.27	174	P	1	DNT	LTE +10.44	LTE						510UL	510 BOBBIN EXAM
						NDF	LTE +10.44	LTE						520HF	SPECIAL INTEREST +P
104	70	0.49	18	P	5	VOL	ETL -0.81	ETL						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -0.81	ETL	0.19	0.16				520HF	KINETIC EXP +POINT
		0.37	21	P	5	VOL	ETL -1.11	ETL						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -1.11	ETL	0.14	0.11				520HF	KINETIC EXP +POINT
104	72	0.59	123	3		NQI	13S -11.11							510UL	510 BOBBIN EXAM
						NDF	13S -11.11							520HF	SPECIAL INTEREST +P
104	75	0.35	14	P	5	VOL	UTS -0.35	UTS						520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS -0.35	UTS	0.10	0.10				520HF	SPECIAL INTEREST +P
		0.42	10	3		TWD 33	15S +39.11							540HF	540 BOBBIN EXAM
104	84	0.47	20	P	5	VOL	ETL -0.47	ETL						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -0.47	ETL	0.23	0.23				520HF	KINETIC EXP +POINT
104	105	0.14	26	P	5	VOL	ETL -1.14	ETL						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -1.14	ETL	0.16	0.14				520HF	KINETIC EXP +POINT
104	116	0.49	112	P	2	INR	LTE +5.49	LTE						510UL	510 BOBBIN EXAM
105	4	0.18	132	P	1	NQI	08S +0.66	08S						510UL	510 BOBBIN EXAM
		0.56	70	P	2	TWD 14	08S +0.66	WAR						520HF	SPECIAL INTEREST +P
105	5	0.18	90	P	1	NQI	08S +0.63	08S						510UL	510 BOBBIN EXAM
		0.38	73	P	2	TWD 10	08S +0.63	WAR						520HF	SPECIAL INTEREST +P
105	6	0.15	12	P	5	VOL	ETL +1.99	ETL	ETL	13				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +1.99	ETL	ETL	0.14	0.11			520HF	KINETIC EXP +POINT
105	7	0.38	9	P	1	PID	LTE +0.15	LTE	LTE					520HF	LTE ROLL +POINT
		0.31	113	P	5	TWD 7	09S -0.52	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
		0.15	28	P	5	ARC	LTE +0.15	LTE	LTE					520HF	LTE ROLL +POINT
		0.41	33	P	5	SCI	LTE +0.15	LTE	LTE		LAR			520HF	LTE ROLL +POINT
105	14	0.15	25	P	5	VOL	ETL +0.14	ETL	ETL	51				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +0.14	ETL	ETL	0.09	0.11			520HF	KINETIC EXP +POINT
105	20	0.11	7	P	5	VOL	ETL -2.98	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -2.98	UTS	ETL	0.13	0.12			520HF	KINETIC EXP +POINT
		1.03	29	P	5	VOL	ETL -0.15	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -0.15	UTS	ETL	0.17	0.12			520HF	KINETIC EXP +POINT
105	27	0.22	17	P	5	VOL	ETL +0.51	ETL	ETL	25				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +0.51	ETL	ETL	0.10	0.11			520HF	KINETIC EXP +POINT
		0.30	7	P	5	VOL	ETL +1.25	ETL	ETL	5				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +1.25	ETL	ETL	0.15	0.11			520HF	KINETIC EXP +POINT
		0.44	16	P	5	VOL	ETL -0.85	ETL	ETL					520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		ETL	-0.85				0.10	0.11	520HF	KINETIC EXP +POINT
105 34	0.14	6	P 5	VOL			ETL	+0.77	ETL	ETL	4			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+0.77	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
105 35	0.41	15	P 5	VOL			ETL	-4.86	UTS	ETL				520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	-4.86	UTS	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
	0.29	11	P 5	VOL			ETL	+1.27	UTS	ETL	11			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+1.27	UTS	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
	0.29	15	P 5	VOL			ETL	-0.15	UTS	ETL				520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	-0.15	UTS	ETL	0.14	0.10		520HF	KINETIC EXP +POINT
	0.38	17	P 5	VOL			ETL	-2.94	ETL	ETL				520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	-2.94	ETL	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
	0.37	21	P 5	VOL			ETL	+0.89	ETL	ETL	36			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+0.89	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
105 39	1.27	90	6	ADI			01S	-22.33	01S	01S				520HF	SPECIAL INTEREST +P
							LTS	+23.67	UTE	LTE				510UL	510 BOBBIN EXAM
105 42	0.27	18	P 5	VOL			ETL	+2.09	ETL	ETL	27			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+2.09	ETL	ETL	0.10	0.11		520HF	KINETIC EXP +POINT
105 57	0.37	16	P 5	VOL			ETL	+2.60	ETL	ETL	22			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+2.60	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
105 66	0.48	19	P 5	VOL			ETL	+2.85	ETL	ETL	11			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+2.85	ETL	ETL	0.16	0.20		520HF	KINETIC EXP +POINT
	0.43	14	P 5	VOL			ETL	+2.19	ETL	ETL	17			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+2.19	ETL	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
105 71	0.17	10	P 5	VOL			ETL	-0.28	ETL	ETL				520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	-0.28	ETL	ETL	0.16	0.09		520HF	KINETIC EXP +POINT
105 74	0.16	8	P 5	VOL			ETL	+2.65	ETL	ETL	12			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+2.65	ETL	ETL	0.12	0.13		520HF	KINETIC EXP +POINT
	0.47	14	P 5	VOL			ETL	+3.12	ETL	ETL	25			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+3.12	ETL	ETL	0.12	0.13		520HF	KINETIC EXP +POINT
	0.27	12	P 5	VOL			ETL	+3.95	ETL	ETL	20			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+3.95	ETL	ETL	0.12	0.09		520HF	KINETIC EXP +POINT
	0.33	21	P 5	VOL			ETL	+4.18	ETL	ETL	44			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+4.18	ETL	ETL	0.17	0.13		520HF	KINETIC EXP +POINT
	0.48	14	P 5	VOL			ETL	+5.00	ETL	ETL	25			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+5.00	ETL	ETL	0.12	0.13		520HF	KINETIC EXP +POINT
105 90	0.31	6	P 5	VOL			ETL	+0.31	ETL	ETL	4			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+0.31	ETL	ETL	0.15	0.16		520HF	KINETIC EXP +POINT
	0.47	18	P 5	VOL			ETL	+2.49	ETL	ETL	27			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+2.49	ETL	ETL	0.19	0.16		520HF	KINETIC EXP +POINT
	0.31	20	P 5	VOL			ETL	+3.53	ETL	ETL	33			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+3.53	ETL	ETL	0.15	0.16		520HF	KINETIC EXP +POINT
105 91	0.28	9	P 5	VOL			ETL	-1.26	ETL	ETL				520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	-1.26	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
	0.65	19	P 5	VOL			ETL	+1.81	ETL	ETL	30			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+1.81	ETL	ETL	0.15	0.16		520HF	KINETIC EXP +POINT
	0.40	26	P 5	VOL			ETL	+2.52	ETL	ETL	54			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+2.52	ETL	ETL	0.15	0.16		520HF	KINETIC EXP +POINT
	0.36	4	P 5	VOL			ETL	+4.60	ETL	ETL	2			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+4.60	ETL	ETL	0.15	0.16		520HF	KINETIC EXP +POINT
105 92	0.86	9	P 5	VOL			ETL	-3.19	ETL	ETL				520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	-3.19	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
	0.27	17	P 5	VOL			ETL	-1.66	ETL	ETL				520HF	KINETIC EXP +POINT
		12	P 5	VOL			ETL	+1.14	ETL	ETL	20			520HF	KINETIC EXP +POINT
	0.32	12	P 5	VOL			ETL	+1.14	ETL	ETL	20			520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+1.51	ETL	ETL	0.12	0.09		520HF	KINETIC EXP +POINT
	0.17	12	P 5	VOL			ETL	+1.51	ETL	ETL	0.12	0.13		520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	+1.51	ETL	ETL	0.12	0.09		520HF	KINETIC EXP +POINT
		0	12	CLP			ETL	-1.66	ETL	ETL	0.12	0.13		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		ETL	ETL	ETL	0.12		0.13		520HF	KINETIC EXP +POINT
							+1.14								
105 94	0.71	62	P 2	TWD	16	14S	-0.01	14S	14S	WAR				520HF	SPECIAL INTEREST +P
	0.59	88	P 1	NQI		14S	-0.02	UTE	LTE					540HF	540 BOBBIN EXAM
105 95	1.21	67	6	ADI		02S	-10.19	02S	02S					520HF	SPECIAL INTEREST +P
						01S	+27.61	UTE	LTE					510UL	510 BOBBIN EXAM
105 97	0.15	66	3	INR		02S	+25.84	UTE	LTE					510UL	510 BOBBIN EXAM
105 113	0.22	31	P 5	VOL		ETL	-0.72	UTS	ETL					520HF	KINETIC EXP +POINT
		0	12	CLP		ETL	-0.72	UTS	ETL	0.21		0.14		520HF	KINETIC EXP +POINT
		0	12	CLP		UTS	-12.20	UTS	UTS	0.06		0.08		520HF	SPECIAL INTEREST +P
		0	12	CLP		UTS	-13.34	UTS	UTS	0.11		0.13		520HF	SPECIAL INTEREST +P
		0	12	CLP		UTS	-9.65	UTS	UTS	0.11		0.13		520HF	SPECIAL INTEREST +P
	0.12	13	P 5	VOL		UTS	-9.65	UTS	UTS					520HF	SPECIAL INTEREST +P
	0.11	9	P 5	VOL		UTS	-13.34	UTS	UTS					520HF	SPECIAL INTEREST +P
	0.13	15	P 5	VOL		UTS	-12.20	UTS	UTS					520HF	SPECIAL INTEREST +P
	0.27	9	3	BVC		15S	+27.63	UTE	LTE					540HF	540 BOBBIN EXAM
	0.24	5	3	BVC		15S	+37.20	UTE	LTE					540HF	540 BOBBIN EXAM
	0.06	15	P 5	VOL		UTS	-8.96	UTS	UTS					520HF	SPECIAL INTEREST +P
	0.06	17	P 5	VOL		UTS	-12.57	UTS	UTS					520HF	SPECIAL INTEREST +P
	0.06	10	P 5	VOL		UTS	-19.10	UTS	UTS					520HF	SPECIAL INTEREST +P
	0.06	15	P 5	VOL		UTS	-13.61	UTS	UTS					520HF	SPECIAL INTEREST +P
		0	12	CLP		UTS	-8.96	UTS	UTS	0.10		0.10		520HF	SPECIAL INTEREST +P
		0	12	CLP		UTS	-12.57	UTS	UTS	0.10		0.05		520HF	SPECIAL INTEREST +P
		90	12	CLP		UTS	-13.61	UTS	UTS	0.05		0.05		520HF	SPECIAL INTEREST +P
		0	12	CLP		UTS	-19.10	UTS	UTS	0.10		0.10		520HF	SPECIAL INTEREST +P
106 2	0.40	5	3	TWD	17	15S	+10.33	UTE	LTE					540HF	540 BOBBIN EXAM
		0	12	CLP		15S	+10.63	15S	15S	0.16		0.13		520HF	SPECIAL INTEREST +P
		0	12	CLP		15S	-0.18	15S	15S	0.22		0.13		520HF	SPECIAL INTEREST +P
	0.72	26	P 5	VOL		15S	+10.63	15S	15S					520HF	SPECIAL INTEREST +P
	0.86	19	P 5	VOL		15S	-0.18	15S	15S					520HF	SPECIAL INTEREST +P
106 4	0.27	118	P 5	TWD	6	08S	+0.60	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
106 7	0.58	16	P 1	PID		LTE	+0.12	LTE	LTE					520HF	LTE ROLL +POINT
	0.21	39	P 5	ARC		LTE	+0.12	LTE	LTE					520HF	LTE ROLL +POINT
	0.81	31	P 5	SCI		LTE	+0.12	LTE	LTE			LAR		520HF	LTE ROLL +POINT
106 9	1.48	19	P 1	PID		LTE	+0.10	LTE	LTE					520HF	LTE ROLL +POINT
	0.33	61	P 5	ARC		LTE	+0.10	LTE	LTE					520HF	LTE ROLL +POINT
	1.92	30	P 5	SCI		LTE	+0.10	LTE	LTE			LAR		520HF	LTE ROLL +POINT
106 25	0.25	14	P 5	VOL		ETL	+4.13	UTS	ETL	17				520HF	KINETIC EXP +POINT
		0	12	CLP		ETL	+4.13	UTS	ETL	0.17		0.18		520HF	KINETIC EXP +POINT
	0.36	18	P 5	VOL		ETL	+2.70	UTS	ETL	27				520HF	KINETIC EXP +POINT
		0	12	CLP		ETL	+2.70	UTS	ETL	0.13		0.12		520HF	KINETIC EXP +POINT
	0.30	18	P 5	VOL		ETL	+1.76	UTS	ETL	27				520HF	KINETIC EXP +POINT
		0	12	CLP		ETL	+1.76	UTS	ETL	0.17		0.18		520HF	KINETIC EXP +POINT
	0.70	24	P 5	VOL		ETL	-0.85	UTS	ETL					520HF	KINETIC EXP +POINT
		0	12	CLP		ETL	-0.85	UTS	ETL	0.17		0.18		520HF	KINETIC EXP +POINT
	0.14	15	P 5	VOL		ETL	+0.76	UTS	ETL	20				520HF	KINETIC EXP +POINT
		0	12	CLP		ETL	+0.76	UTS	ETL	0.13		0.12		520HF	KINETIC EXP +POINT
106 36	0.19	45	P 5	INR		ETL	+1.94	UTS	ETL					520HF	KINETIC EXP +POINT
	0.46	20	P 5	VOL		ETL	+1.58	ETL	ETL	33				520HF	KINETIC EXP +POINT
		0	12	CLP		ETL	+1.58	ETL	ETL	0.15		0.10		520HF	KINETIC EXP +POINT
	0.35	9	P 5	VOL		ETL	-0.04	ETL	ETL					520HF	KINETIC EXP +POINT
		0	12	CLP		ETL	-0.04	ETL	ETL	0.15		0.10		520HF	KINETIC EXP +POINT
106 42	0.37	17	P 5	VOL		ETL	+0.20	UTS	ETL	25				520HF	KINETIC EXP +POINT
		0	12	CLP		ETL	+0.20	UTS	ETL	0.10		0.10		520HF	KINETIC EXP +POINT
	0.14	144	2	INR		ETL	-1.20	UTS	ETL					520HF	KINETIC EXP +POINT
106 48	0.15	3	P 5	INR		ETL	-1.14	UTS	ETL					520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
106	88	0.35	23	P 5	VOL		ETL	-0.30						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.30						520HF	KINETIC EXP +POINT
106	112	0.32	13	3	BVC		15S	+45.04						540HF	540 BOBBIN EXAM
		0.39	17	P 5	VOL		UTS	-1.43						520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-1.43						520HF	SPECIAL INTEREST +P
107	2	0.67	5	3	TWD 17		15S	+33.30						540HF	540 BOBBIN EXAM
			0	12	CLP		UTS	-8.69						520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-12.98						520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-14.33						520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-16.36						520HF	SPECIAL INTEREST +P
		0.37	11	P 5	VOL		UTS	-8.69						520HF	SPECIAL INTEREST +P
		0.88	24	P 5	VOL		UTS	-12.98						520HF	SPECIAL INTEREST +P
		0.22	16	P 5	VOL		UTS	-14.33						520HF	SPECIAL INTEREST +P
		0.21	14	P 5	VOL		UTS	-16.36						520HF	SPECIAL INTEREST +P
		0.47	15	P 5	VOL		ETL	-1.69						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.69						520HF	KINETIC EXP +POINT
		0.33	10	P 5	VOL		ETL	-2.01						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.01						520HF	KINETIC EXP +POINT
		0.61	21	P 5	VOL		ETL	-0.34						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.34						520HF	KINETIC EXP +POINT
		0.98	26	P 5	VOL		ETL	+2.38						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.38						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.78						520HF	KINETIC EXP +POINT
		0.80	24	P 5	VOL		ETL	+2.78						520HF	KINETIC EXP +POINT
		0.57	19	P 5	VOL		ETL	+3.28						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.28						520HF	KINETIC EXP +POINT
107	3	0.19	69	P 1	NQI		08S	+0.64						510UL	510 BOBBIN EXAM
		0.48	86	P 2	TWD 12		08S	+0.67						520HF	SPECIAL INTEREST +P
107	29		0	12	CLP		UTS	-8.70						520HF	SPECIAL INTEREST +P
		0.45	28	P 5	VOL		UTS	-8.70						520HF	SPECIAL INTEREST +P
		0.44	11	3	TWD 37		15S	+37.52						540HF	540 BOBBIN EXAM
107	41	0.37	14	P 5	VOL		ETL	+1.43						520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+1.43						520HF	KINETIC EXP +POINT
107	55		0	12	CLP		UTS	-7.32						520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-12.80						520HF	SPECIAL INTEREST +P
		0.28	19	P 5	VOL		UTS	-12.80						520HF	SPECIAL INTEREST +P
		0.35	13	P 5	VOL		UTS	-7.32						520HF	SPECIAL INTEREST +P
		0.39	6	3	BVC		15S	+39.69						540HF	540 BOBBIN EXAM
		0.33	3	3	INR		15S	+33.97						540HF	540 BOBBIN EXAM
107	88		0	12	CLP		ETL	-3.28						520HF	SPECIAL INTEREST +P
		0.36	12	P 5	VOL		ETL	-3.28						520HF	SPECIAL INTEREST +P
					NDF		LTS	+20.07						520HF	SPECIAL INTEREST +P
					NDF		LTE	+8.63						520HF	SPECIAL INTEREST +P
		0.46	28	3	NQI		LTS	+20.17						540HF	540 BOBBIN EXAM
		0.59	21	P 2	NQI		LTE	+8.63						540HF	540 BOBBIN EXAM
		0.30	12	P 2	BVC		UTS	+4.02						540HF	540 BOBBIN EXAM
107	101				NDF		10S	-15.64						520HF	SPECIAL INTEREST +P
		0.18	90	3	NQI		09S	+24.36						510UL	510 BOBBIN EXAM
107	110	0.27	175	P 5	INR		ETL	+0.65						520HF	KINETIC EXP +POINT
		0.49	22	P 5	VOL		ETL	+0.98						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.98						520HF	KINETIC EXP +POINT
		0.49	30	P 5	VOL		ETL	+1.74						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.74						520HF	KINETIC EXP +POINT
		0.25	36	P 5	VOL		ETL	+3.61						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.61						520HF	KINETIC EXP +POINT
		0.35	34	P 5	VOL		ETL	+3.96						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.96						520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.24	23	P 5	VOL		ETL +4.39	ETL	ETL	43				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +4.39	ETL	ETL	0.14		0.11		520HF	KINETIC EXP +POINT
		2.58	38	P 5	VOL		ETL +4.69	ETL	ETL	99				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +4.69	ETL	ETL	0.28		0.23		520HF	KINETIC EXP +POINT
107	113	0.85	119	3	INR	12S	+19.72	UTE	LTE					510UL	510 BOBBIN EXAM
107	116		0	12	CLP	ETL	+0.42	ETL	ETL	0.14		0.11		520HF	KINETIC EXP +POINT
		0.48	44	P 5	VOL	ETL	+1.17	ETL	ETL	97				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.17	ETL	ETL	0.14		0.17		520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.48	ETL	ETL	0.14		0.17		520HF	KINETIC EXP +POINT
		0.37	8	P 5	VOL	ETL	+0.42	ETL	ETL	6				520HF	KINETIC EXP +POINT
		0.25	19	P 5	VOL	ETL	+1.48	ETL	ETL	30				520HF	KINETIC EXP +POINT
		0.23	13	P 5	VOL	ETL	+1.80	ETL	ETL	15				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.80	ETL	ETL	0.14		0.17		520HF	KINETIC EXP +POINT
108	4	6.50	174	P 1	DNT	LTE	+11.54	LTE	UTE					510UL	510 BOBBIN EXAM
108	5				NDF	LTE	+11.58	LTE	LTE					520HF	SPECIAL INTEREST +P
		6.86	175	P 1	DNT	LTE	+11.58	LTE	UTE					510UL	510 BOBBIN EXAM
108	23	0.16	18	P 5	VOL	ETL	+3.98	UTS	ETL	27				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.98	UTS	ETL	0.13		0.12		520HF	KINETIC EXP +POINT
		0.23	14	P 5	VOL	ETL	-0.21	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.21	UTS	ETL	0.13		0.12		520HF	KINETIC EXP +POINT
108	74				NDF	07S	-9.43	07S	07S					520HF	SPECIAL INTEREST +P
		0.15	86	3	NQI	06S	+29.57	UTE	LTE					510UL	510 BOBBIN EXAM
108	82	0.26	10	P 5	VOL	ETL	-0.99	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.99	UTS	ETL	0.18		0.17		520HF	KINETIC EXP +POINT
108	86	0.19	7	2	VOL	ETL	-1.44	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-1.44	UTS	ETL	0.18		0.17		520HF	KINETIC EXP +POINT
		0.53	9	2	VOL	ETL	-0.22	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.22	UTS	ETL	0.23		0.17		520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.36	UTS	ETL	0.18		0.17		520HF	KINETIC EXP +POINT
		0.60	18	P 5	VOL	ETL	+1.63	UTS	ETL	33				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.63	UTS	ETL	0.18		0.17		520HF	KINETIC EXP +POINT
		0.49	25	P 5	VOL	ETL	+2.21	UTS	ETL	31				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.21	UTS	ETL	0.23		0.17		520HF	KINETIC EXP +POINT
		0.29	26	P 5	VOL	ETL	+4.01	UTS	ETL	15				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+4.01	UTS	ETL	0.23		0.17		520HF	KINETIC EXP +POINT
		0.62	19	P 5	VOL	ETL	+5.16	UTS	ETL	36				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+5.16	UTS	ETL	0.23		0.23		520HF	KINETIC EXP +POINT
		0.41	23	P 5	VOL	ETL	+1.36	UTS	ETL	51				520HF	KINETIC EXP +POINT
108	107	0.27	34	P 5	VOL	ETL	-1.14	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-1.14	UTS	ETL	0.16		0.10		520HF	KINETIC EXP +POINT
		0.09	11	P 5	INR	ETL	-0.77	UTS	ETL					520HF	KINETIC EXP +POINT
		0.11	25	P 5	INR	ETL	-0.55	UTS	ETL					520HF	KINETIC EXP +POINT
		0.24	29	P 5	VOL	ETL	-0.09	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.09	UTS	ETL	0.16		0.10		520HF	KINETIC EXP +POINT
		0.13	14	P 5	VOL	ETL	+3.11	UTS	ETL	17				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.11	UTS	ETL	0.16		0.10		520HF	KINETIC EXP +POINT
109	3	7.19	174	P 1	DNT	LTE	+11.65	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	LTE	+11.65	LTE	LTE					520HF	SPECIAL INTEREST +P
109	6	9.00	45	P 5	SCI	ETL	+1.38	ETL	ETL	97				520HF	KINETIC EXP +POINT
		0.22	41	P 5	ARC	ETL	+1.38	ETL	ETL					520HF	KINETIC EXP +POINT
		0.31	15	P 5	VOL	ETL	+3.65	ETL	ETL	13				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+3.65	ETL	ETL	0.11		0.09		520HF	KINETIC EXP +POINT
109	21				NDF	14S	-4.19	14S	14S					520HF	SPECIAL INTEREST +P
		1.69	76	6	ADI	13S	+31.81	LTE	UTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
109 27	0.41	20	P 5	VOL	ETL		+4.95	UTS	ETL	33				520HF	KINETIC EXP +POINT
		0	12	CLP	ETL		+4.95	UTS	ETL	0.13	0.12			520HF	KINETIC EXP +POINT
	0.97	23	P 5	VOL	ETL		-0.07	UTS	ETL					520HF	KINETIC EXP +POINT
		0	12	CLP	ETL		-0.07	UTS	ETL	0.17	0.12			520HF	KINETIC EXP +POINT
109 48	1.49	91	6	INR	LTS		+37.95	UTE	LTE					510UL	510 BOBBIN EXAM
109 50				NDF	02S		-10.71	02S	02S					520HF	SPECIAL INTEREST +P
	0.14	92	3	NQI	02S		-10.71	UTE	LTE					510UL	510 BOBBIN EXAM
109 58	0.83	7	3	TWD 23	03S		+23.24	UTE	LTE					540HF	540 BOBBIN EXAM
				NDF	04S		-16.77	04S	04S					520HF	SPECIAL INTEREST +P
	0.75	9	3	TWD 30	03S		+23.23	LTE	UTE					510UL	510 BOBBIN EXAM
109 72				NDF	11S		+7.34	11S	11S					520HF	SPECIAL INTEREST +P
	0.48	74	3	NQI	11S		-7.34	UTE	LTE					510UL	510 BOBBIN EXAM
109 76				NDF	14S		+3.68	14S	14S					520HF	SPECIAL INTEREST +P
				NDF	14S		-8.09	14S	14S					520HF	SPECIAL INTEREST +P
	1.04	84	6	ADI	14S		-8.09	LTE	LTE					510UL	510 BOBBIN EXAM
	1.08	90	6	ADI	14S		+3.68	LTE	LTE					510UL	510 BOBBIN EXAM
109 78	5.87	178	P 1	DNT	LTE		-1.81	LTE	LTE					510UL	510 BOBBIN EXAM
109 99				NDF	LTE		-0.01	LTE	LTE					520HF	SPECIAL INTEREST +P
	6.60	2	3	IDC	LTE		+8.01	LTE	LTE					510UL	510 BOBBIN EXAM
109 102				NDF	LTS		-0.01	LTS	LTS					520HF	SPECIAL INTEREST +P
	0.42	91	P 2	NQI	LTS		-0.01	LTS	LTS					510UL	510 BOBBIN EXAM
109 108	0.55	33	P 5	VOL	UTS		+2.01	UTS	UTS					520HF	KINETIC EXP +POINT
		0	12	CLP	UTS		+2.01	UTS	UTS	0.22	0.09			520HF	KINETIC EXP +POINT
	0.50	23	P 5	VOL	UTS		+2.01	UTS	UTS					520HF	KINETIC EXP +POINT
		0	12	CLP	UTS		+2.01	UTS	UTS	0.22	0.09			520HF	KINETIC EXP +POINT
	0.39	30	P 5	VOL	UTS		+3.45	UTS	UTS					520HF	KINETIC EXP +POINT
		0	12	CLP	UTS		+3.45	UTS	UTS	0.22	0.14			520HF	KINETIC EXP +POINT
	0.83	26	P 5	VOL	UTS		+3.78	UTS	UTS					520HF	KINETIC EXP +POINT
		0	12	CLP	UTS		+3.78	UTS	UTS	0.27	0.19			520HF	KINETIC EXP +POINT
	0.23	17	P 5	VOL	UTS		+4.03	UTS	UTS					520HF	KINETIC EXP +POINT
		0	12	CLP	UTS		+4.03	UTS	UTS	0.16	0.14			520HF	KINETIC EXP +POINT
	1.03	10	P 2	TWD 33	UTS		-3.68	UTS	UTS					540HF	540 BOBBIN EXAM
110 2	1.20	30	P 5	VOL	UTS		+2.29	UTS	UTS					520HF	KINETIC EXP +POINT
	0.32	14	P 2	BVC	UTS		+2.01	UTS	UTS					540HF	540 BOBBIN EXAM
		0	12	CLP	UTS		+2.29	UTS	UTS	0.22	0.13			520HF	KINETIC EXP +POINT
		0	12	CLP	UTS		-5.45	UTS	UTS	0.16	0.18			520HF	SPECIAL INTEREST +P
	0.41	17	P 5	VOL	UTS		-5.45	UTS	UTS					520HF	SPECIAL INTEREST +P
	1.21	27	P 5	VOL	ETL		-4.95	UTS	ETL					520HF	KINETIC EXP +POINT
		0	12	CLP	ETL		-4.95	UTS	ETL	0.23	0.21			520HF	KINETIC EXP +POINT
110 3				NDF	LTE		+11.81	LTE	LTE					520HF	SPECIAL INTEREST +P
	8.25	174	P 1	DNT	LTE		+11.81	LTE	UTE					510UL	510 BOBBIN EXAM
110 4	6.99	174	P 1	DNT	LTE		+11.52	LTE	UTE					510JL	510 BOBBIN EXAM
110 7	0.35	112	P 5	TWD 8	09S		-0.52	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
110 11	0.57	32	P 5	SCI	LTE		+0.12	LTE	LTE	81				520HF	LTE ROLL +POINT
	0.28	51	P 5	ARC	LTE		+0.12	LTE	LTE					520HF	LTE ROLL +POINT
	1.26	21	P 5	PID	LTE		+0.12	LTE	LTE					520HF	LTE ROLL +POINT
110 13	7.51	175	P 1	DNT	LTE		+10.95	LTE	UTE					510UL	510 BOBBIN EXAM
110 14	7.19	173	P 1	DNT	LTE		+11.52	LTE	UTE					510UL	510 BOBBIN EXAM
	2.81	171	P 1	DNT	LTE		+12.97	LTE	UTE					510UL	510 BOBBIN EXAM
110 25		0	12	CLP	ETL		+2.01	ETL	ETL	0.21	0.10			520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	1TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.78	24	P	5	VOL	ETL	+2.01	ETL	ETL	47			520HF	KINETIC EXP +POINT
		2.95	33	P	5	SCI	ETL	+2.54	ETL	ETL	86			520HF	KINETIC EXP +POINT
		0.23	43	F	5	ARC	ETL	+2.54	ETL	ETL				520HF	KINETIC EXP +POINT
110	27	0.24	12	P	5	VOL	ETL	+0.17	ETL	ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.17	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
		0.55	16	P	5	VOL	ETL	+0.53	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.53	ETL	ETL	0.19	0.11		520HF	KINETIC EXP +POINT
		0.52	14	P	5	VOL	ETL	+3.95	ETL	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.95	ETL	ETL	0.24	0.11		520HF	KINETIC EXP +POINT
		0.55	25	P	5	VOL	ETL	+4.26	ETL	ETL	51			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.26	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
		0.65	16	P	5	VOL	ETL	+1.51	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.51	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
110	35	0.28	16	P	5	VOL	ETL	+0.97	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.97	ETL	ETL	0.10	0.06		520HF	KINETIC EXP +POINT
110	41	0.30	12	P	5	VOL	ETL	+3.06	ETL	ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.08	ETL	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
		0.32	5	P	5	VOL	ETL	+4.28	ETL	ETL	3			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.28	ETL	ETL	0.19	0.15		520HF	KINETIC EXP +POINT
		0.50	18	P	5	VOL	ETL	+5.06	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+5.06	ETL	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
110	48	0.32	21	P	5	VOL	ETL	+3.04	ETL	ETL	34			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.04	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
		0.28	23	P	5	VOL	ETL	+3.34	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.34	ETL	ETL	0.10	0.06		520HF	KINETIC EXP +POINT
		0.38	25	P	5	VOL	ETL	+4.15	ETL	ETL	51			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.15	ETL	ETL	0.10	0.11		520HF	KINETIC EXP +POINT
110	55	0.43	13	P	5	VOL	ETL	+1.89	ETL	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.89	ETL	ETL	0.11	0.14		520HF	KINETIC EXP +POINT
		0.89	24	P	5	VOL	ETL	+3.21	ETL	ETL	47			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.21	ETL	ETL	0.22	0.14		520HF	KINETIC EXP +POINT
110	65	0.32	15	P	5	VOL	ETL	+1.57	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.57	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
		0.18	10	P	5	VOL	ETL	+2.86	ETL	ETL	9			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.86	ETL	ETL	0.16	0.09		520HF	KINETIC EXP +POINT
110	69	0.38	19	P	5	VOL	ETL	+1.31	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.31	ETL	ETL	0.16	0.19		520HF	KINETIC EXP +POINT
		0.45	16	P	5	VOL	ETL	+5.10	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+5.10	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
110	82	0.35	23	P	5	VOL	ETL	+1.29	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.29	ETL	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
110	90					NDF	06S	+4.69	06S	06S				520HF	SPECIAL INTEREST +P
		3.16	178	P	1	DNT	06S	+4.69	LTE	UTE				510UL	510 BOBBIN EXAM
110	91		0	12	CLP		ETL	+0.47	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
		0.32	14	P	5	VOL	ETL	+2.25	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.25	ETL	ETL	0.12	0.09		520HF	KINETIC EXP +POINT
		0.16	19	P	5	VOL	ETL	+2.47	ETL	ETL	38			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.47	ETL	ETL	0.12	0.09		520HF	KINETIC EXP +POINT
		0.39	16	P	5	VOL	ETL	+0.47	ETL	ETL	30			520HF	KINETIC EXP +POINT
110	108	1.46	16	P	5	VOL	ETL	-2.49	ETL	ETL				520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	-2.49	ETL	ETL	0.19	0.17		520HF	KINETIC EXP +POINT
11	4	6.58	174	P	1	DNT	LTE	+11.55	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	LTE	+11.55	LTE	LTE				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
111 5		6.98	173	P 1	DNT		LTE	+11.40	LTE	UTE				510UL	510 BOBBIN EXAM
111 6		5.69	172	P 1	DNT		LTE	+11.67	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.67	LTE	LTE				520HF	SPECIAL INTEREST +P
111 7		5.88	173	P 1	DNT		LTE	+11.45	LTE	LTE				520HF	SPECIAL INTEREST +P
					NDF		LTE	+11.45	LTE	UTE				510UL	510 BOBBIN EXAM
111 8		7.23	173	P 1	DNT		LTE	+11.33	LTE	UTE				510UL	510 BOBBIN EXAM
111 9		8.03	175	P 1	DNT		LTE	+11.02	LTE	UTE				510UL	510 BOBBIN EXAM
111 12		7.04	172	P 1	DNT		LTE	+11.50	LTE	UTE				510UL	510 BOBBIN EXAM
111 14		7.39	174	P 1	DNT		LTE	+11.61	LTE	UTE				510UL	510 BOBBIN EXAM
111 21		3.55	181	P 1	DNT		LTS	-6.71	LTS	LTS				520HF	SPECIAL INTEREST +P
					NDF		LTE	+17.29	LTE	UTE				510UL	510 BOBBIN EXAM
111 23		0.31	13	P 5	VOL		ETL	+1.70	ETL	ETL	15			520HF	KINETIC EXP +POINT
		0.34	11	P 5	VOL		ETL	+1.93	ETL	ETL	15			520HF	KINETIC EXP +POINT
		2.79	18	P 5	VOL		ETL	-1.80	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.80	ETL	ETL	0.19	0.15		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.70	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.93	ETL	ETL	0.11	0.14		520HF	KINETIC EXP +POINT
111 24		1.91	39	P 5	VOL		ETL	-0.01	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.01	UTS	ETL	0.17	0.12		520HF	KINETIC EXP +POINT
111 30		0.28	16	P 5	VOL		ETL	-0.67	UTS	ETL				520HF	KINETIC EXP +POINT
		0.14	5	P 5	VOL		ETL	+1.65	UTS	ETL	3			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.65	UTS	ETL	0.09	0.11		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.67	UTS	ETL	0.22	0.22		520HF	KINETIC EXP +POINT
		0.34	8	P 5	VOL		ETL	+2.68	UTS	ETL	6			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.68	UTS	ETL	0.13	0.16		520HF	KINETIC EXP +POINT
		0.26	8	P 5	VOL		ETL	+3.73	UTS	ETL	6			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.73	UTS	ETL	0.13	0.11		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.73	UTS	ETL	0.14	0.20		520HF	KINETIC EXP +POINT
		0.15	5	P 5	VOL		ETL	+5.05	UTS	ETL	5			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+5.05	UTS	ETL	0.14	0.15		520HF	KINETIC EXP +POINT
		0.26	1	P 5	VOL		ETL	+4.73	UTS	ETL	0			520HF	KINETIC EXP +POINT
111 33			0	12	CLP		UTS	+4.67	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.48	11	P 5	VOL		UTS	+4.67	UTS	ETL				520HF	KINETIC EXP +POINT
		0.45	10	P 2	TWD 33		UTS	+5.27	UTE	LTE				540HF	540 BOBBIN EXAM
		0.42	10	P 5	VOL		ETL	-2.88	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.88	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
111 45		0.37	17	P 5	VOL		ETL	-0.62	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.62	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.19	20	P 5	VOL		ETL	+0.86	UTS	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.86	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.81	21	P 5	VOL		ETL	+1.11	UTS	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.11	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.39	15	P 5	VOL		ETL	+2.32	UTS	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.32	UTS	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
		0.21	11	P 5	VOL		ETL	+3.41	UTS	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.41	UTS	ETL	0.10	0.20		520HF	KINETIC EXP +POINT
		0.42	22	P 5	VOL		ETL	+3.71	UTS	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.71	UTS	ETL	0.10	0.20		520HF	KINETIC EXP +POINT
		0.48	14	P 5	VOL		ETL	+4.41	UTS	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.41	UTS	ETL	0.19	0.15		520HF	KINETIC EXP +POINT
		0.44	17	P 5	VOL		ETL	+4.74	UTS	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.74	UTS	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
111 51			0	12	CLP		UTS	-0.76	UTS	UTS	0.17	0.17		520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE	INTEREST	+P
			0	12	CLP		UTS	-7.52	UTS	UTS	0.17	0.17		520HF	SPECIAL INTEREST	+P	
		0.51	17	P 5	VOL		UTS	-7.52	UTS	UTS				520HF	SPECIAL INTEREST	+P	
		0.39	8	P 5	VOL		UTS	-0.76	UTS	UTS				520HF	SPECIAL INTEREST	+P	
		0.60	10	3	TWD 33	15S		+39.27	UTE	LTE				540HF	540 BOBBIN EXAM		
111	54	0.71	27	P 5	VOL		ETL	+5.12	UTS	ETL	58			520HF	KINETIC EXP	+POINT	
			0	12	CLP		ETL	+5.12	UTS	ETL	0.15	0.10		520HF	KINETIC EXP	+POINT	
		0.73	25	P 5	VOL		ETL	+5.06	UTS	ETL	51			520HF	KINETIC EXP	+POINT	
		0.28	7	P 5	VOL		ETL	+3.88	UTS	ETL	5			520HF	KINETIC EXP	+POINT	
			0	12	CLP		ETL	+5.06	UTS	ETL	0.21	0.14		520HF	KINETIC EXP	+POINT	
			0	12	CLP		ETL	+3.88	UTS	ETL	0.21	0.14		520HF	KINETIC EXP	+POINT	
		0.29	18	P 5	INR		ETL	+0.00	UTS	ETL				520HF	KINETIC EXP	+POINT	
		0.34	10	P 5	INR		ETL	-0.48	UTS	ETL				520HF	KINETIC EXP	+POINT	
			0	12	CLP		ETL	-0.96	UTS	ETL	0.15	0.10		520HF	KINETIC EXP	+POINT	
		0.25	2	P 5	VOL		ETL	-0.96	UTS	ETL				520HF	KINETIC EXP	+POINT	
111	56				NDF		04S	+2.64	04S	04S				520HF	SPECIAL INTEREST	+P	
		0.91	98	3	NQI		04S	+2.64	LTE	UTE				510UL	510 BOBBIN EXAM		
111	64	0.19	16	P 5	INR		ETL	-0.52	UTS	ETL				520HF	KINETIC EXP	+POINT	
		0.43	29	P 5	VOL		UTS	-1.35	UTS	ETL				520HF	KINETIC EXP	+POINT	
			0	12	CLP		UTS	-1.35	UTS	ETL	0.18	0.17		520HF	KINETIC EXP	+POINT	
111	74	0.49	13	P 5	VOL		ETL	-0.86	UTS	ETL				520HF	KINETIC EXP	+POINT	
			0	12	CLP		ETL	-0.86	UTS	ETL	0.22	0.18		520HF	KINETIC EXP	+POINT	
		0.47	24	P 5	VOL		ETL	+1.22	UTS	ETL	47			520HF	KINETIC EXP	+POINT	
			0	12	CLP		ETL	+1.22	UTS	ETL	0.22	0.12		520HF	KINETIC EXP	+POINT	
		0.84	28	P 5	VOL		ETL	+1.56	UTS	ETL	63			520HF	KINETIC EXP	+POINT	
			0	12	CLP		ETL	+1.56	UTS	ETL	0.13	0.12		520HF	KINETIC EXP	+POINT	
		0.59	27	P 5	VOL		ETL	+3.33	UTS	ETL	58			520HF	KINETIC EXP	+POINT	
			0	12	CLP		ETL	+3.33	UTS	ETL	0.18	0.12		520HF	KINETIC EXP	+POINT	
111	87		0	12	CLP		UTS	-17.09	UTS	UTS	0.19	0.20		520HF	SPECIAL INTEREST	+P	
		0.56	14	P 5	VOL		UTS	-17.09	UTS	UTS				520HF	SPECIAL INTEREST	+P	
			0	12	CLP		UTS	-12.20	UTS	UTS	0.06	0.04		520HF	SPECIAL INTEREST	+P	
		0.18	8	P 5	VOL		UTS	-12.20	UTS	UTS				520HF	SPECIAL INTEREST	+P	
		0.73	6	3	TWD 20	15S		+29.25	UTE	LTE				540HF	540 BOBBIN EXAM		
111	101	0.26	109	3	INR		02S	+6.00	UTE	LTE				510UL	510 BOBBIN EXAM		
112	4	4.60	174	P 1	DNT		LTE	+11.84	LTE	UTE				510UL	510 BOBBIN EXAM		
112	8	7.93	171	P 1	DNT		LTE	+11.34	LTE	UTE				510UL	510 BOBBIN EXAM		
		0.34	145	P 5	TWD 7		09S	-0.43	LTE	UTE	WAR			510UL	510 BOBBIN EXAM		
112	10	7.00	174	P 1	DNT		LTE	+10.91	LTE	UTE				510UL	510 BOBBIN EXAM		
112	13	5.62	174	P 1	DNT		LTE	+11.66	LTE	UTE				510UL	510 BOBBIN EXAM		
112	14	6.32	173	P 1	DNT		LTE	+11.27	LTE	UTE				510UL	510 BOBBIN EXAM		
112	16				NDF		08S	+2.38	08S	08S				520HF	SPECIAL INTEREST	+P	
		0.41	91	3	NQI		08S	+2.38	LTE	UTE				510UL	510 BOBBIN EXAM		
112	17	0.37	11	P 5	VOL		ETL	+0.61	ETL	ETL	13			520HF	KINETIC EXP	+POINT	
			0	12	CLP		ETL	+0.61	ETL	ETL	0.15	0.15		520HF	KINETIC EXP	+POINT	
112	30		0	12	CLP		UTS	-6.92	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST	+P	
			0	12	CLP		UTS	-7.61	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST	+P	
			0	12	CLP		UTS	-8.38	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST	+P	
		0.15	15	P 5	VOL		UTS	-8.38	UTS	UTS				520HF	SPECIAL INTEREST	+P	
		0.35	19	P 5	VOL		UTS	-7.61	UTS	UTS				520HF	SPECIAL INTEREST	+P	
		0.21	15	P 5	VOL		UTS	-6.92	UTS	UTS				520HF	SPECIAL INTEREST	+P	
		0.27	20	3	BVC	15S		+39.75	UTE	LTE				540HF	540 BOBBIN EXAM		
112	89	0.69	16	P 5	VOL		ETL	+2.75	ETL	ETL	22			520HF	KINETIC EXP	+POINT	

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		ETL	+2.75	ETL	ETL	0.11	0.14		520HF	KINETIC EXP +POINT
		0.49	28	P 5	VOL		ETL	+3.95	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.95	ETL	ETL	0.16	0.09		520HF	KINETIC EXP +POINT
112	92				NDF		LTS	-10.99	LTS	LTS				520HF	SPECIAL INTEREST +P
		2.54	185	P 1	DNT		LTE	+13.01	UTE	LTE				510UL	510 BOBBIN EXAM
112	106				NDF		LTE	+9.36	LTE	LTE				520HF	SPECIAL INTEREST +P
		3.02	174	P 1	DNT		LTE	+9.36	UTE	LTE				510UL	510 BOBBIN EXAM
		1.63	43	P 5	VOL		ETL	+5.64	UTS	ETL	97			520HF	KINETIC EXP +POINT
		0.96	41	P 5	VOL		ETL	+0.49	UTS	ETL	98			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+5.64	UTS	ETL	0.27	0.24		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.49	UTS	ETL	0.21	0.15		520HF	KINETIC EXP +POINT
112	109	6.22	32	P 5	SCI		ETL	+2.39	ETL	ETL	81			520HF	KINETIC EXP +POINT
		0.17	31	P 5	ARC		ETL	+2.39	ETL	ETL				520HF	KINETIC EXP +POINT
		1.80	33	P 5	VOL		ETL	+4.27	ETL	ETL	86			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.27	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
112	116		0	12	CLP		13S	-1.90	13S	13S	0.11	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		13S	-12.29	13S	13S	0.11	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		09S	+9.83	09S	09S	0.11	0.04		520HF	SPECIAL INTEREST +P
			0	12	CLP		09S	-6.98	09S	09S	0.11	0.08		520HF	SPECIAL INTEREST +P
			0	12	CLP		09S	-7.87	09S	09S	0.11	0.04		520HF	SPECIAL INTEREST +P
			0	12	CLP		09S	-9.48	09S	09S	0.06	0.08		520HF	SPECIAL INTEREST +P
		0.38	8	P 5	VOL		13S	-1.90	13S	13S				520HF	SPECIAL INTEREST +P
		0.46	31	P 5	VOL		13S	-12.29	13S	13S				520HF	SPECIAL INTEREST +P
		0.60	39	P 5	VOL		09S	+9.83	09S	09S				520HF	SPECIAL INTEREST +P
		0.27	17	P 5	VOL		09S	-6.98	09S	09S				520HF	SPECIAL INTEREST +P
		0.37	22	P 5	VOL		09S	-7.87	09S	09S				520HF	SPECIAL INTEREST +P
		0.34	28	P 5	VOL		09S	-9.48	09S	09S				520HF	SPECIAL INTEREST +P
		0.23	5	P 5	VOL		13S	-15.03	13S	13S				520HF	SPECIAL INTEREST +P
			0	12	CLP		13S	-15.03	13S	13S	0.11	0.13		520HF	SPECIAL INTEREST +P
		0.38	10	3	BVC		13S	+5.55	UTE	LTE				540HF	540 BOBBIN EXAM
		0.59	8	3	TWD 27		13S	+4.85	UTE	LTE				540HF	540 BOBBIN EXAM
		0.67	8	3	TWD 27		12S	+22.17	UTE	LTE				540HF	540 BOBBIN EXAM
		0.26	20	3	BVC		12S	+24.74	UTE	LTE				540HF	540 BOBBIN EXAM
		0.33	14	3	BVC		12S	+34.95	UTE	LTE				540HF	540 BOBBIN EXAM
		0.48	19	3	INR		09S	+9.93	UTE	LTE				540HF	540 BOBBIN EXAM
		0.25	26	3	INR		08S	+26.19	UTE	LTE				540HF	540 BOBBIN EXAM
					NDF		13S	+4.85	13S	13S				520HF	SPECIAL INTEREST +P
					NDF		13S	+5.55	13S	13S				520HF	SPECIAL INTEREST +P
					NDF		13S	-15.30	13S	13S				520HF	SPECIAL INTEREST +P
113	4	1.15	41	P 1	PID		LTE	+0.49	LTE	LTE				520HF	LTE ROLL +POINT
		4.67	174	P 1	DNT		LTE	+12.05	LTE	UTE				510UL	510 BOBBIN EXAM
		1.11	46	P 5	SCI		LTE	+0.49	LTE	LTE				520HF	LTE ROLL +POINT
		0.44	81	P 5	ARC		LTE	+0.49	LTE	LTE				520HF	LTE ROLL +POINT
113	5	7.18	173	P 1	DNT		LTE	+11.21	LTE	UTE				510UL	510 BOBBIN EXAM
113	6	4.85	169	P 1	DNT		LTE	+11.39	LTE	UTE				510UL	510 BOBBIN EXAM
113	7	1.01	13	P 1	PID		LTE	+0.08	LTE	LTE				520HF	LTE ROLL +POINT
		6.34	173	P 1	DNT		LTE	+11.47	LTE	UTE				510UL	510 BOBBIN EXAM
		0.87	26	P 5	SCI		LTE	+0.08	LTE	LTE				520HF	LTE ROLL +POINT
		0.42	79	P 5	ARC		LTE	+0.08	LTE	LTE				520HF	LTE ROLL +POINT
113	8	7.37	173	P 1	DNT		LTE	+11.21	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.21	LTE	LTE				520HF	SPECIAL INTEREST +P
113	9	7.65	174	P 1	DNT		LTE	+10.63	LTE	UTE				510UL	510 BOBBIN EXAM
113	24	0.25	16	P 5	VOL		ETL	+2.69	UTS	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.69	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
		0.19	17	P 5	VOL		ETL	-0.20	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.20	UTS	ETL	0.13	0.06		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.15	13	P	5	VOL	ETL	-3.87	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-3.87	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
113	55	1.03	70	6	ADI		14S	+15.14	14S	14S				520HF	SPECIAL INTEREST +P
							14S	+15.14	LTE	UTE				510UL	510 BOBBIN EXAM
113	67	0.32	119	F	1	INR	UTS	+0.37	LTE	UTE				510UL	510 BOBBIN EXAM
113	104	0.31	0	12	CLP		15S	+22.14	15S	15S	0.11	0.13		520HF	SPECIAL INTEREST +P
		0.32	14	P	5	VOL	15S	-22.14	15S	15S				520HF	SPECIAL INTEREST +P
		0.32	13	3	BVC		15S	+22.10	UTE	LTE				540HF	540 BOBBIN EXAM
113	105	3.54	174	P	1	DNT	LTE	+9.23	LTE	LTE				520HF	SPECIAL INTEREST +P
		0.28	15	P	5	VOL	LTE	-9.23	LTE	LTE				510UL	510 BOBBIN EXAM
		0.24	45	P	5	ARC	ETL	+4.57	ETL	20				520HF	KINETIC EXP +POINT
		2.17	45	P	5	SCI	ETL	+6.03	ETL	96				520HF	KINETIC EXP +POINT
		0.22	40	P	5	ARC	ETL	-6.64	ETL					520HF	KINETIC EXP +POINT
		1.26	90	12	CLP		ETL	+4.57	ETL	0.22	0.19			520HF	KINETIC EXP +POINT
			40	P	5	SCI	ETL	+6.03	ETL	98				520HF	KINETIC EXP +POINT
113	107	3.06	173	P	1	DNT	LTE	-6.71	LTE					510UL	510 BOBBIN EXAM
		5.64	175	P	1	DNT	LTE	-11.77	LTE					510UL	510 BOBBIN EXAM
113	109	3.14	175	P	1	DNT	LTE	+9.10	LTE					510UL	510 BOBBIN EXAM
113	111	0.20	87	P	2	NQI	LTE	-2.00	LTE					510UL	510 BOBBIN EXAM
						NDF	LTS	-3.87	LTS					520HF	SPECIAL INTEREST +P
113	112					PTP	UTS	+0.00	UTS	CAL09	1R14			510UL	510 BOBBIN EXAM
113	113					PTP	UTS	+0.00	UTS	CAL10	1R14			510UL	510 BOBBIN EXAM
113	114	0.17	86	P	2	NQI	LTE	+17.37	LTE					510UL	510 BOBBIN EXAM
						PTP	UTS	+0.00	UTS	CAL09	1R14			510UL	510 BOBBIN EXAM
						NDF	LTS	-6.63	LTS					520HF	SPECIAL INTEREST +P
114	19	0.08	90	P	5	INR	08S	-0.54						510UL	510 BOBBIN EXAM
114	22	0.21	17	P	5	VOL	ETL	-5.84						520HF	KINETIC EXP +POINT
		0.36	0	12	CLP		ETL	-5.84			0.13	0.12		520HF	KINETIC EXP +POINT
			25	P	5	VOL	ETL	-1.23						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.23			0.13	0.12		520HF	KINETIC EXP +POINT
		0.28	19	P	5	VOL	ETL	-0.47						520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.47			0.09	0.06		520HF	KINETIC EXP +POINT
		0.21	17	P	5	VOL	ETL	+0.42			25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.42			0.13	0.12		520HF	KINETIC EXP +POINT
		0.24	11	P	5	VOL	ETL	+2.48			11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.48			0.13	0.12		520HF	KINETIC EXP +POINT
		0.16	8	P	5	VOL	ETL	+3.49			6			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.49			0.13	0.12		520HF	KINETIC EXP +POINT
114	23	0.25	10	P	5	VOL	ETL	+3.57	UTS	ETL	9			520HF	KINETIC EXP +POINT
		0.28	0	12	CLP		ETL	+3.57	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
			17	P	5	VOL	ETL	+1.01	UTS	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.01	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
		0.33	20	P	5	VOL	ETL	-0.99	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.99	UTS	ETL	0.17	0.18		520HF	KINETIC EXP +POINT
		0.30	15	P	5	VOL	ETL	-0.40	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.40	UTS	ETL	0.14	0.22		520HF	KINETIC EXP +POINT
114	38	0.20	0	12	CLP		ETL	-0.75	ETL	ETL	0.10	0.11		520HF	KINETIC EXP +POINT
			21	P	5	VOL	ETL	-0.75	ETL	ETL				520HF	KINETIC EXP +POINT
114	40	0.58	5	3	TWD	13	03S	+14.72	03S	03S				520HF	SPECIAL INTEREST +P
							03S	+14.72	UTE	LTE				540HF	540 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
114	42	0.34	19	P 5	VOL		ETL	+4.50	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.50	ETL	ETL	0.19	0.11		520HF	KINETIC EXP +POINT
		0.18	31	P 5	VOL		ETL	+2.18	ETL	ETL	76			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.18	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
114	53	0.20	16	P 5	VOL		UTS	+2.85	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+2.85	UTS	ETL	0.18	0.16		520HF	KINETIC EXP +POINT
		0.22	13	P 5	VOL		UTS	+5.53	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+5.53	UTS	ETL	0.18	0.16		520HF	KINETIC EXP +POINT
114	60	0.24	357	3	INR		12S	+29.50	UTE	LTE				540HF	540 BOBBIN EXAM
		0.26	8	3	BVC		12S	+29.50	LTE	UTE				510UL	510 BOBBIN EXAM
114	65				NDF		13S	+6.40	13S	13S				520HF	SPECIAL INTEREST +P
		1.59	80	6	ADI		13S	+6.40	LTE	UTE				510UL	510 BOBBIN EXAM
114	91				NDF		03S	+6.99	03S	03S				520HF	SPECIAL INTEREST +P
		0.35	105	3	NQI		03S	+6.99	UTE	LTE				510UL	510 BOBBIN EXAM
114	107	6.96	176	P 1	DNT		LTE	+11.05	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.05	LTE	LTE				520HF	SPECIAL INTEREST +P
114	108	0.47	29	P 5	VOL		ETL	-0.74	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.74	UTS	ETL	0.22	0.14		520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	-3.25	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.22	11	P 5	VOL		UTS	-3.25	UTS	UTS				520HF	SPECIAL INTEREST +P
114	110	3.33	176	P 1	DNT		LTE	+9.22	UTE	LTE				510UL	510 BOBBIN EXAM
114	111				PTP		UTS	+0.00	UTE	LTE	CAL10	1R14		510UL	510 BOBBIN EXAM
114	112	5.12	178	P 1	DNT		LTE	+10.68	UTE	LTE				510UL	510 BOBBIN EXAM
					PTP		UTS	+0.00	UTE	LTE	CAL09	1R14		510UL	510 BOBBIN EXAM
		0.47	84	10	PLP		14S	+1.09	14S	14S				520HF	SELECT TUBE +POINT
114	113		0	12	CLP		UTS	-3.68	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
					P 5 NDF		UTS	-4.21	UTS	UTS				520HF	SPECIAL INTEREST +P
					NDF		UTS	-4.73	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		14S	-6.81	14S	14S	0.17	0.17		520HF	SPECIAL INTEREST +P
			0	12	CLP		14S	-14.46	14S	14S	0.17	0.17		520HF	SPECIAL INTEREST +P
		0.48	7	P 5	VOL		14S	-14.46	14S	14S				520HF	SPECIAL INTEREST +P
		0.57	12	P 5	VOL		14S	-6.81	14S	14S				520HF	SPECIAL INTEREST +P
		0.30	13	P 5	VOL		UTS	-3.68	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.24	77	10	PLP		14S	+1.47	14S	14S				520HF	SPECIAL INTEREST +P
		0.14	21	P 5	VOL		ETL	-4.02	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-4.02	UTS	ETL	0.11	0.09		520HF	KINETIC EXP +POINT
		0.39	27	P 5	VOL		ETL	-1.46	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.46	UTS	ETL	0.22	0.14		520HF	KINETIC EXP +POINT
		0.26	17	3	BVC		15S	+42.66	UTE	LTE				540HF	540 BOBBIN EXAM
		0.85	7	3	TWD 23		13S	+29.77	UTE	LTE				540HF	540 BOBBIN EXAM
		6.36	178	P 1	DNT		LTE	+10.54	UTE	LTE				540HF	540 BOBBIN EXAM
					PTP		UTS	+0.00	UTE	LTE	CAL159	1R14		540HF	540 BOBBIN EXAM
114	114				PTP		UTS	+0.00	UTE	LTE	CAL09	1R14		510UL	510 BOBBIN EXAM
115	22	0.70	18	P 5	VOL		ETL	+0.16	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.16	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
		0.57	17	P 5	VOL		ETL	+1.00	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.00	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
115	24	2.55	170	P 1	DNT		LTE	+10.51	UTE	LTE				510UL	510 BOBBIN EXAM
115	25	2.50	175	P 1	DNT		LTE	+10.65	UTE	LTE				510UL	510 BOBBIN EXAM
		0.30	23	P 5	VOL		ETL	-0.37	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.37	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
115 26			0	12	CLP		UTS	-21.21	UTS	UTS	0.22	0.18		520HF	SPECIAL INTEREST +P
		0.59	28	P 5	VOL		UTS	-21.21	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.50	10	3	TWD	33	15S	+25.60	UTE	LTE				540HF	540 BOBBIN EXAM
115 27		0.22	27	P 5	VOL		ETL	+0.13	ETL	ETL	58			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.13	ETL	ETL	0.10	0.11		520HF	KINETIC EXP +POINT
115 32			0	12	CLP		ETL	+2.10	ETL	ETL	0.19	0.11		520HF	KINETIC EXP -POINT
		0.67	26	P 5	VOL		ETL	+2.10	ETL	ETL	54			520HF	KINETIC EXP +POINT
		0.34	19	P 5	VOL		ETL	+4.08	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.08	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
115 34		0.30	16	P 5	VOL		ETL	+0.13	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.13	ETL	ETL	0.19	0.11		520HF	KINETIC EXP +POINT
115 42					NDF		04S	-10.71	04S	04S				520HF	SPECIAL INTEREST +P
		0.24	62	3	NQI		03S	+29.29	LTE	UTE				510UL	510 BOBBIN EXAM
115 45		0.18	9	P 5	VOL		ETL	+4.42	ETL	ETL	8			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.42	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.20	8	P 5	VOL		ETL	+2.75	ETL	ETL	8			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.75	ETL	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
115 50			0	12	CLP		UTS	-0.40	UTS	ETL	0.13	0.11		520HF	KINETIC EXP +POINT
		0.30	13	P 5	VOL		ETL	-0.05	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.05	UTS	ETL	0.13	0.11		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.28	UTS	ETL	0.09	0.11		520HF	KINETIC EXP +POINT
		0.24	11	P 5	VOL		UTS	-0.40	UTS	ETL				520HF	KINETIC EXP +POINT
		0.15	6	P 5	VOL		ETL	+2.28	UTS	ETL	4			520HF	KINETIC EXP +POINT
115 51		0.31	14	P 5	VOL		ETL	+2.40	ETL	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.40	ETL	ETL	0.15	0.12		520HF	KINETIC EXP +POINT
		0.25	6	P 5	VOL		ETL	-3.61	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-3.61	UTS	ETL	0.15	0.14		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.31	UTS	ETL	0.15	0.14		520HF	KINETIC EXP +POINT
		0.19	18	P 5	INR		ETL	-2.50	UTS	ETL				520HF	KINETIC EXP +POINT
		0.32	13	P 5	VOL		ETL	+2.31	UTS	ETL	17			520HF	KINETIC EXP +POINT
115 52			0	12	CLP		UTS	-1.18	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.28	14	P 5	VOL		UTS	-1.18	UTS	UTS				520HF	SPECIAL INTEREST +P
		1.89	12	P 5	VOL		ETL	-0.82	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.82	UTS	ETL	0.10	0.05		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.25	UTS	ETL	0.10	0.10		520HF	KINETIC EXP +POINT
		0.32	20	P 5	VOL		ETL	-3.62	UTS	ETL				520HF	KINETIC EXP +POINT
		0.13	33	P 5	VOL		ETL	-3.19	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-3.19	UTS	ETL	0.05	0.05		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-3.62	UTS	ETL	0.19	0.15		520HF	KINETIC EXP +POINT
		0.53	21	P 5	VOL		UTS	+0.34	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+0.34	UTS	ETL	0.14	0.15		520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	-1.06	UTS	ETL	0.14	0.15		520HF	SPECIAL INTEREST +P
		0.31	13	P 5	VOL		UTS	-1.06	UTS	ETL				520HF	SPECIAL INTEREST +P
		0.19	7	P 5	VOL		ETL	-2.25	UTS	ETL				520HF	KINETIC EXP +POINT
115 55			0	12	CLP		UTS	+3.56	UTS	ETL	0.13	0.16		520HF	KINETIC EXP +POINT
		0.17	1	P 5	VOL		UTS	+3.56	UTS	ETL				520HF	KINETIC EXP +POINT
115 57		0.68	358	3	INR		15S	+32.44	UTE	LTE				540HF	540 BOBBIN EXAM
		0.21	7	3	BVC		15S	+31.45	LTE	UTE				510UL	510 BOBBIN EXAM
115 62		0.46	20	P 5	VOL		ETL	+3.85	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.85	ETL	ETL	0.12	0.10		520HF	KINETIC EXP +POINT
		0.45	21	P 5	VOL		ETL	+2.85	ETL	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.85	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.48	16	P 5	VOL		ETL	+1.41	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.41	ETL	ETL	0.12	0.10		520HF	KINETIC EXP +POINT
		0.40	15	P 5	VOL		ETL	-1.12	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.12	ETL	ETL	0.10	0.10		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
115	102	0.87	33	F	5	VOL	ETL	-6.20	UTS	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-6.20	UTS	ETL	0.22	0.19		520HF	KINETIC EXP +POINT
		0.32	26	F	5	VOL	ETL	-0.93	UTS	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-0.93	UTS	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
115	105	6.74	177	P	1	DNT	LTE	+10.80	UTE	LTE				510UL	510 BOBBIN EXAM
115	106	6.46	177	P	1	DNT	LTE	+11.04	UTE	LTE				510UL	510 BOBBIN EXAM
						NDF	LTE	+11.04	LTE	LTE				520HF	SPECIAL INTEREST +P
115	109	0.96	25	P	5	VOL	ETL	-2.22	UTS	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-2.22	UTS	ETL	0.22	0.19		520HF	KINETIC EXP +POINT
		1.19	5	-3	TWD	17	UTS	+5.22	UTE	LTE				540HF	540 BOBBIN EXAM
116	7	0.42	117	P	5	TWD	09S	-0.48	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
116	14	0.19	36	P	5	ARC	ETL	+2.92	ETL	ETL				520HF	KINETIC EXP +POINT
		0.54	22	P	5	SCI	ETL	+2.92	ETL	ETL	47			520HF	KINETIC EXP +POINT
116	18	0.12	102	P	5	TWD	08S	-0.41	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
116	19	0.13	97	P	5	TWD	08S	-0.48	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
116	26	1.18	30	P	5	VOL	ETL	+1.01	ETL	ETL	71			520HF	KINETIC EXP +POINT
			C		12	CLP	ETL	+1.01	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
116	41	0.10	13	P	5	VOL	ETL	-2.91	UTS	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-2.91	UTS	ETL	0.13	0.11		520HF	KINETIC EXP +POINT
		0.34	11	P	5	VOL	ETL	-0.26	UTS	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-0.26	UTS	ETL	0.22	0.16		520HF	KINETIC EXP +POINT
		0.17	13	P	5	VOL	ETL	+2.47	UTS	ETL	15			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+2.47	UTS	ETL	0.13	0.16		520HF	KINETIC EXP +POINT
116	50	0.94	23	P	5	VOL	ETL	+2.42	ETL	ETL	36			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+2.42	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
		0.96	26	P	5	VOL	ETL	+3.48	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+3.48	ETL	ETL	0.22	0.18		520HF	KINETIC EXP +POINT
		0.48	20	P	5	VOL	ETL	+2.01	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+2.01	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
116	63	0.54	13	P	5	VOL	ETL	-1.05	ETL	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-1.05	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
116	68					NDF	LTS	-4.07	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.12	80	P	2	NQI	LTE	+19.93	LTE	UTE				510UL	510 BOBBIN EXAM
116	97					NDF	LTS	+0.56	TO+45.00	01S	LTS			520HF	SPECIAL INTEREST +P
		7.02	179	3	IDC	LTS	LTS	+0.56	TO+45.00	UTE	LTE			510UL	510 BOBBIN EXAM
116	111	4.55	175	P	1	DNT	LTE	+10.84	UTE	LTE				510UL	510 BOBBIN EXAM
117	10	0.39	109	P	2	NQI	LTE	+22.83	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	LTS	-1.17	LTS	LTS				520HF	SPECIAL INTEREST +P
117	20	0.57	22	P	5	VOL	ETL	+0.91	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+0.91	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.43	26	P	5	VOL	ETL	+1.68	ETL	ETL	54			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+1.68	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
		0.58	22	P	5	VOL	ETL	+3.20	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+3.20	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.33	20	P	5	VOL	ETL	+3.15	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+3.15	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.48	17	P	5	VOL	ETL	+3.80	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+4.56	ETL	ETL	0.20	0.15		520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+3.80	ETL	ETL	0.15	0.30		520HF	KINETIC EXP +POINT
		1.37	37	P	5	VOL	ETL	+4.56	ETL	ETL	100	+7.6		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
117 24			0	12	CLP		UTS	-3.77	UTS	UTS	0.22	0.18		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-12.51	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
	0.39		20	P 5	VOL		UTS	-12.51	UTS	UTS				520HF	SPECIAL INTEREST +P
	0.56		23	P 5	VOL		UTS	-3.77	UTS	UTS				520HF	SPECIAL INTEREST +P
	0.71		5	3	TWD	17	15S	+33.97	UTE	LTE				540HF	540 BOBBIN EXAM
0.79		6	3	TWD	20	15S	+42.71	UTE	LTE				540HF	540 BOBBIN EXAM	
117 33	0.22		15	P 5	VOL		ETL	+4.80	UTS	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.80	UTS	ETL	0.10	0.05		520HF	KINETIC EXP +POINT
	0.29		15	P 5	VOL		ETL	+0.53	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.53	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
	0.36		16	P 5	VOL		ETL	-0.30	ETL	ETL				520HF	KINETIC EXP +POINT
		0	12	CLP		ETL	-0.30	ETL	ETL	0.17	0.14		520HF	KINETIC EXP +POINT	
117 73					NDF		01S	+7.92	01S	01S				520HF	SPECIAL INTEREST +P
	0.98		87	6	ADI		01S	+7.92	UTE	LTE				510UL	510 BOBBIN EXAM
117 85	0.36		22	P 5	VOL		ETL	-1.40	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.40	UTS	ETL	0.27	0.24		520HF	KINETIC EXP +POINT
118 16	0.15		125	P 5	TWD	4	08S	-0.41	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
118 19	1.18		29	P 5	SCI		ETL	+1.84	ETL	ETL	51			520HF	KINETIC EXP +POINT
	0.17		32	P 5	ARC		ETL	+1.84	ETL	ETL				520HF	KINETIC EXP +POINT
118 20			0	12	CLP		UTS	-12.08	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
	0.47		27	P 5	VOL		UTS	-12.08	UTS	UTS				520HF	SPECIAL INTEREST +P
	0.34		5	3	BVC		15S	+34.47	UTE	LTE				540HF	540 BOBBIN EXAM
	0.44		18	P 5	VOL		ETL	+1.63	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.63	ETL	ETL	0.10	0.15		520HF	KINETIC EXP +POINT
118 22	0.22		16	P 5	VOL		ETL	+1.21	UTS	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.21	UTS	ETL	0.17	0.18		520HF	KINETIC EXP +POINT
	0.76		19	P 5	VOL		ETL	-0.13	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.13	UTS	ETL	0.26	0.12		520HF	KINETIC EXP +POINT
118 57					NDF		15S	+16.23	15S	15S				520HF	SPECIAL INTEREST +P
	0.22		81	3	NQI		15S	+16.23	LTE	UTE				510UL	510 BOBBIN EXAM
118 67			0	12	CLP		UTS	-5.42	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-8.45	UTS	UTS	0.17	0.17		520HF	SPECIAL INTEREST +P
	0.38		15	P 5	VOL		UTS	-8.45	UTS	UTS				520HF	SPECIAL INTEREST +P
	0.22		14	P 5	VOL		UTS	-5.42	UTS	UTS				520HF	SPECIAL INTEREST +P
	0.44		9	3	TWD	30	15S	+37.91	UTE	LTE				540HF	540 BOBBIN EXAM
118 97	0.54		30	P 5	VOL		ETL	-0.45	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.45	UTS	ETL	0.21	0.14		520HF	KINETIC EXP +POINT
	0.38		17	P 5	VOL		ETL	+0.51	UTS	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.51	UTS	ETL	0.21	0.14		520HF	KINETIC EXP +POINT
119 19	0.45		9	P 2	TWD	30	UTS	+5.99	UTE	LTE				540HF	540 BOBBIN EXAM
	0.30		16	P 5	VOL		ETL	-1.43	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.43	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
	0.83		24	P 5	VOL		ETL	-2.14	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.14	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+0.12	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
	0.38		16	P 5	VOL		UTS	+0.15	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+0.15	UTS	ETL	0.13	0.12		520HF	KINETIC EXP +POINT
	0.35		16	P 5	VOL		UTS	+0.12	UTS	ETL				520HF	KINETIC EXP +POINT
119 22	0.60		18	P 5	VOL		ETL	+0.99	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.99	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
	0.54		27	P 5	VOL		ETL	+1.98	ETL	ETL	58			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.98	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT
	0.54		25	P 5	VOL		ETL	+3.43	ETL	ETL	51			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.43	ETL	ETL	0.14	0.17		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
119 23	0.30	38	P 5	VOL	ETL		-1.09	ETL	ETL					520HF	KINETIC EXP +POINT
		0	12	CLP	ETL		-1.09	ETL	ETL	0.15		0.10		520HF	KINETIC EXP +POINT
119 33	0.30	6	P 5	VOL	ETL		+1.21	ETL	ETL	4				520HF	KINETIC EXP +POINT
		90	12	CLP	ETL		+1.21	ETL	ETL	0.10		0.10		520HF	KINETIC EXP +POINT
	0.55	24	P 5	VOL	ETL		+3.80	ETL	ETL	47				520HF	KINETIC EXP +POINT
		0	12	CLP	ETL		+3.80	ETL	ETL	0.19		0.10		520HF	KINETIC EXP +POINT
	0.32	13	P 5	VOL	ETL		+4.94	ETL	ETL	15				520HF	KINETIC EXP +POINT
		0	12	CLP	ETL		+4.94	ETL	ETL	0.15		0.10		520HF	KINETIC EXP +POINT
119 42	0.79	24	P 5	VOL	ETL		+0.44	ETL	ETL	47				520HF	KINETIC EXP +POINT
		0	12	CLP	ETL		+0.44	ETL	ETL	0.19		0.17		520HF	KINETIC EXP +POINT
	0.20	19	P 5	VOL	ETL		+4.00	ETL	ETL	30				520HF	KINETIC EXP +POINT
		0	12	CLP	ETL		+4.00	ETL	ETL	0.19		0.11		520HF	KINETIC EXP +POINT
119 43	0.23	28	P 5	VOL	ETL		+2.23	ETL	ETL	63				520HF	KINETIC EXP +POINT
		0	12	CLP	ETL		+2.23	ETL	ETL	0.15		0.20		520HF	KINETIC EXP +POINT
	0.19	15	P 5	VOL	ETL		-3.71	ETL	ETL	20				520HF	KINETIC EXP +POINT
		0	12	CLP	ETL		-3.71	ETL	ETL	0.15		0.20		520HF	KINETIC EXP +POINT
119 59	0.36	18	P 5	VOL	ETL		+2.99	ETL	ETL	20				520HF	KINETIC EXP +POINT
		0	12	CLP	ETL		+2.99	ETL	ETL	0.19		0.11		520HF	KINETIC EXP +POINT
119 66				NDF	04S		-5.11							520HF	SPECIAL INTEREST +P
	0.20	60	3	NQI	03S		-34.71							510UL	510 BOBBIN EXAM
119 77				NDF	01S		-5.51							520HF	SPECIAL INTEREST +P
		0	12	CLP	UTS		-8.51			0.17		0.22		520HF	SPECIAL INTEREST +P
		0	12	CLP	UTS		-9.51			0.17		0.17		520HF	SPECIAL INTEREST +P
		0	12	CLP	UTS		-10.51			0.17		0.17		520HF	SPECIAL INTEREST +P
	0.60	24	P 5	VOL	UTS		-10.51							520HF	SPECIAL INTEREST +P
	0.15	5	P 5	VOL	UTS		-9.51							520HF	SPECIAL INTEREST +P
	0.26	14	P 5	VOL	UTS		-9.51							520HF	SPECIAL INTEREST +P
	0.48	25	P 5	VOL	ETL		-0.71							520HF	KINETIC EXP +POINT
		0	12	CLP	ETL		-0.71			0.19		0.15		520HF	KINETIC EXP +POINT
	3.12	178	P 1	DNT	01S		+2.91							540HF	540 BOBBIN EXAM
119 84		0	12	CLP	ETL		-0.91			0.13		0.12		520HF	KINETIC EXP +POINT
	0.28	8	P 5	VOL	ETL		-0.91							520HF	KINETIC EXP +POINT
119 94	0.54	5	3	TWD 17	15S		+36.31							510UL	510 BOBBIN EXAM
	0.57	4	3	INR	15S		+36.31							540HF	540 BOBBIN EXAM
119 99	1.35	62	7	PLP	15S		+1.05							510UL	510 BOBBIN EXAM
	2.77	176	P 1	DNT	LTE		+9.23							510UL	510 BOBBIN EXAM
				NDF	LTE		+9.23							520HF	SPECIAL INTEREST +P
				NDF	15S		+1.05							520HF	SPECIAL INTEREST +P
119 107				NDF	UTS		-7.78							520HF	SPECIAL INTEREST +P
				NDF	UTS		-9.81							520HF	SPECIAL INTEREST +P
	0.21	21	P 5	VOL	15S		+7.09							520HF	SPECIAL INTEREST +P
		0	12	CLP	15S		+7.09			0.14		0.15		520HF	SPECIAL INTEREST +P
				NDF	10S		+13.57							520HF	SPECIAL INTEREST +P
	0.75	10	3	TWD 33	15S		+38.60							540HF	540 BOBBIN EXAM
	0.30	12	3	BVC	15S		+7.15							540HF	540 BOBBIN EXAM
	0.22	12	3	BVC	15S		+36.57							540HF	540 BOBBIN EXAM
	0.45	92	3	NQI	10S		+13.57							540HF	540 BOBBIN EXAM
120 4	0.38	76	P 2	TWD 10	08S		+0.69			08S	08S	WAR		520HF	SPECIAL INTEREST +P
	0.14	88	P 1	NQI	08S		+0.69			LTE	UTE			510UL	510 BOBBIN EXAM
120 28	0.16	88	P 2	NQI	08S		-0.38			LTE	UTE			510UL	510 BOBBIN EXAM
	0.21	0	P 2	TWD 6	08S		-0.44			08S	08S	WAR		520HF	SPECIAL INTEREST +P
120 42	0.29	13	P 5	VOL	ETL		-2.17			UTS	ETL			520HF	KINETIC EXP +POINT
		0	12	CLP	ETL		-2.17			UTS	ETL	0.10		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		1.47	27	P 5	SCI		ETL	+1.10	UTS	ETL	58			520HF	KINETIC EXP +POINT
		0.29	53	P 5	ARC		ETL	+1.10	UTS	ETL				520HF	KINETIC EXP +POINT
		0.49	11	P 5	VOL		ETL	-5.53	UTS	ETL				520HF	KINETIC EXP +POINT
		0.40	12	P 5	VOL		ETL	+1.55	UTS	ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.55	UTS	ETL	0.14	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.81	UTS	ETL	0.14	0.10		520HF	KINETIC EXP +POINT
		0.66	25	P 5	VOL		ETL	+3.81	UTS	ETL	51			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-5.53	UTS	ETL	0.14	0.15		520HF	KINETIC EXP +POINT
		0.43	16	P 5	VOL		ETL	-0.30	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.30	UTS	ETL	0.19	0.10		520HF	KINETIC EXP +POINT
120	44	1.46	29	P 5	VOL		ETL	+2.91	ETL	ETL	67			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.91	ETL	ETL	0.19	0.15		520HF	KINETIC EXP +POINT
		0.46	16	P 5	VOL		ETL	+4.08	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.08	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
120	47				NDF	11S		-5.25	11S	11S				520HF	SPECIAL INTEREST +P
		1.06	71	6	ADI	10S		+30.75	LTE	UTE				510UL	510 BOBBIN EXAM
120	49	0.19	13	P 5	VOL		UTS	+5.67	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+5.67	UTS	ETL	0.19	0.15		520HF	KINETIC EXP +POINT
		0.29	9	P 5	VOL		ETL	+3.12	UTS	ETL	8			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.12	UTS	ETL	0.19	0.15		520HF	KINETIC EXP +POINT
120	60	0.59	17	P 5	VOL		ETL	+3.03	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.03	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
120	66	0.71	15	P 5	VOL		ETL	+0.72	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.72	ETL	ETL	0.19	0.11		520HF	KINETIC EXP +POINT
120	67		0	12	CLP		UTS	-10.11	UTS	UTS	0.23	0.21		520HF	SPECIAL INTEREST -P
			0	12	CLP		UTS	-12.97	UTS	UTS	0.17	0.17		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-13.60	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
		0.12	3	P 5	VOL		UTS	-13.60	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.25	16	P 5	VOL		UTS	-12.97	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.66	21	P 5	VOL		UTS	-10.11	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.48	10	3	TWD 33	15S		+36.14	UTE	LTE				540HF	540 BOBBIN EXAM
120	80	0.30	24	P 5	VOL		ETL	-1.19	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.19	UTS	ETL	0.22	0.18		520HF	KINETIC EXP +POINT
120	83	1.12	27	P 5	VOL		ETL	-1.99	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.99	ETL	ETL	0.13	0.08		520HF	KINETIC EXP +POINT
120	95	0.37	14	P 5	VOL		ETL	+3.87	ETL	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.87	ETL	ETL	0.15	0.16		520HF	KINETIC EXP +POINT
120	96	0.24	13	P 5	VOL		ETL	+1.48	ETL	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.48	ETL	ETL	0.14	0.12		520HF	KINETIC EXP +POINT
		0.26	23	P 5	VOL		ETL	+2.14	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.14	ETL	ETL	0.14	0.12		520HF	KINETIC EXP +POINT
120	98	0.85	23	P 5	VOL		ETL	+2.35	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.35	ETL	ETL	0.24	0.17		520HF	KINETIC EXP +POINT
		0.50	21	P 5	VOL		ETL	+4.18	ETL	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.18	ETL	ETL	0.19	0.17		520HF	KINETIC EXP +POINT
		1.21	22	P 5	VOL		ETL	+4.36	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.36	ETL	ETL	0.20	0.11		520HF	KINETIC EXP +POINT
		3.64	174	P 1	DNT		LTE	+9.43	UTE	LTE				510UL	510 BOBBIN EXAM
121	4	0.70	26	P 5	VOL		ETL	-2.54	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.54	UTS	ETL	0.17	0.15		520HF	KINETIC EXP +POINT
		0.72	15	P 5	VOL		ETL	-2.24	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.24	UTS	ETL	0.22	0.18		520HF	KINETIC EXP +POINT
121	24	0.39	20	P 5	VOL		ETL	+2.51	UTS	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.51	UTS	ETL	0.19	0.11		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.34	19	P	5	VOL	ETL	-1.53	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.53	UTS	ETL	0.19	0.11		520HF	KINETIC EXP +POINT
		0.47	18	P	5	VOL	ETL	-5.02	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-5.02	UTS	ETL	0.19	0.11		520HF	KINETIC EXP +POINT
121	32	0.36	9	P	5	VOL	UTS	-13.20	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-13.20	UTS	UTS	0.17	0.14		520HF	SPECIAL INTEREST +P
		0.41	6	3	TWD	20	15S	+34.06	UTE	LTE				540HF	540 BOBBIN EXAM
121	48	0.64	26	P	5	VOL	ETL	+3.01	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.01	ETL	ETL	0.22	0.14		520HF	KINETIC EXP +POINT
		0.34	21	P	5	VOL	ETL	+3.31	ETL	ETL	8			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.31	ETL	ETL	0.16	0.18		520HF	KINETIC EXP +POINT
		0.38	19	P	5	VOL	ETL	+3.43	ETL	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.43	ETL	ETL	0.16	0.18		520HF	KINETIC EXP +POINT
		0.55	22	P	5	VOL	ETL	+4.51	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.51	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
121	80	0.49	62	P	5	TWD	11	08S	+0.71	UTE	LTE	WAR		510UL	510 BOBBIN EXAM
121	91	0.05	127	P	2	INR		UTS	+0.87	UTE	LTE			510UL	510 BOBBIN EXAM
121	106					NDF	15S	-3.39	15S	15S				520HF	SPECIAL INTEREST +P
		0.22	106	3		NQI	14S	+31.61	UTE	LTE				510UL	510 BOBBIN EXAM
122	26		0	12	CLP		UTS	-1.03	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-14.14	UTS	UTS	0.16	0.18		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-15.67	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
		0.13	20	P	5	VOL	UTS	-15.87	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.24	20	P	5	VOL	UTS	-14.14	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.32	14	P	5	VOL	UTS	-1.03	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.51	5	3	TWD	17	UTS	-0.86	UTE	LTE				540HF	540 BOBBIN EXAM
122	41	0.16	9	P	5	VOL	ETL	-0.57	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.57	UTS	ETL	0.09	0.05		520HF	KINETIC EXP +POINT
		0.36	24	P	5	VOL	ETL	-1.16	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.16	UTS	ETL	0.14	0.10		520HF	KINETIC EXP +POINT
		0.27	19	P	5	VOL	ETL	+0.47	UTS	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.47	UTS	ETL	0.14	0.10		520HF	KINETIC EXP +POINT
		0.23	14	P	5	VOL	ETL	+2.19	UTS	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.19	UTS	ETL	0.05	0.10		520HF	KINETIC EXP +POINT
		0.49	18	P	5	VOL	ETL	+2.97	UTS	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.97	UTS	ETL	0.28	0.10		520HF	KINETIC EXP +POINT
		0.31	13	P	5	VOL	ETL	+4.53	UTS	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.53	UTS	ETL	0.14	0.25		520HF	KINETIC EXP +POINT
122	48	0.30	13	P	5	VOL	ETL	-0.21	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.21	UTS	ETL	0.18	0.17		520HF	KINETIC EXP +POINT
122	52					NDF	LTS	-6.72	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.13	90	P	2	NQI	LTE	+17.28	LTE	UTE				510UL	510 BOBBIN EXAM
122	80					12	CLP	ETL	-2.03	UTS	ETL	0.14	0.17	520HF	KINETIC EXP +POINT
						12	CLP	ETL	+0.18	UTS	ETL	0.12	0.19	520HF	KINETIC EXP +POINT
		0.39	28	2	VOL		ETL	-2.03	UTS	ETL				520HF	KINETIC EXP +POINT
		0.87	17	2	VOL		ETL	+0.18	UTS	ETL				520HF	KINETIC EXP +POINT
122	81	0.86	10	3	TWD	33	UTS	+3.95	UTE	LTE				540HF	540 BOBBIN EXAM
		0.66	11	2	VOL		UTS	+4.26	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+4.26	UTS	ETL	0.26	0.24		520HF	KINETIC EXP +POINT
122	97	0.07	58	P	2	INR	LTE	+17.24	UTE	LTE				510UL	510 BOBBIN EXAM
122	103					NDF	10S	+17.12	10S	10S				520HF	SPECIAL INTEREST +P
		0.24	88	3	NQI		10S	+17.12	UTE	LTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
122	105						NDF 15S -3.82	15S	15S					520HF	SPECIAL INTEREST +P
		0.39	115	3			NQI 14S +31.18	UTE	LTE					510UL	510 BOBBIN EXAM
123	4	1.27	17	P 5			VOL ETL +3.31	ETL	ETL	40				520HF	KINETIC EXP +POINT
		1.57	36	P 5			VOL ETL +1.05	ETL	ETL	23				520HF	KINETIC EXP +POINT
			0	12			CLP ETL +1.05	ETL	ETL	0.25	0.15			520HF	KINETIC EXP +POINT
			0	12			CLP ETL +3.31	ETL	ETL	0.16	0.19			520HF	KINETIC EXP +POINT
		1.75	21	P 5			SCI ETL +3.28	ETL	ETL	27	F1			520HF	KINETIC EXP +POINT
		0.25	46	P 5			ARC ETL +3.28	ETL	ETL					520HF	KINETIC EXP +POINT
		1.66	30	P 5			SCI ETL +3.32	ETL	ETL	58	F2			520HF	KINETIC EXP +POINT
		0.25	46	P 5			ARC ETL +3.32	ETL	ETL					520HF	KINETIC EXP +POINT
		0.23	118	3			NQI 15S +29.50	LTE	UTE					510UL	510 BOBBIN EXAM
		0.37	127	3			NQI 15S +39.88	LTE	UTE					510UL	510 BOBBIN EXAM
							NDF UTS -6.49	UTS	UTS					520HF	SPECIAL INTEREST +P
							NDF UTS -16.87	UTS	UTS					520HF	SPECIAL INTEREST +P
123	20	0.39	15	P 5			VOL ETL -0.30	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12			CLP ETL -0.30	UTS	ETL	0.15	0.13			520HF	KINETIC EXP +POINT
123	23	0.38	14	P 5			VOL UTS -13.55	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12			CLP UTS -13.55	UTS	UTS	0.17	0.14			520HF	SPECIAL INTEREST +P
		0.33	15	P 5			VOL UTS -12.08	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12			CLP UTS -12.08	UTS	UTS	0.17	0.14			520HF	SPECIAL INTEREST +P
		0.25	12	3			BVC 15S +33.61	UTE	LTE					540HF	540 BOBBIN EXAM
123	27	0.71	7	2			VOL ETL -2.22	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12			CLP ETL +0.53	UTS	ETL	0.22	0.18			520HF	KINETIC EXP +POINT
		0.82	30	P 5			VOL ETL +3.89	UTS	ETL	71				520HF	KINETIC EXP +POINT
		0.78	25	P 5			VOL ETL +1.57	UTS	ETL	51				520HF	KINETIC EXP +POINT
		1.18	29	P 5			VOL ETL +0.53	UTS	ETL	67				520HF	KINETIC EXP +POINT
			0	12			CLP ETL +1.57	UTS	ETL	0.17	0.18			520HF	KINETIC EXP +POINT
			0	12			CLP ETL -2.01	UTS	ETL	0.21	0.20			520HF	KINETIC EXP +POINT
			0	12			CLP ETL +3.89	UTS	ETL	0.17	0.12			520HF	KINETIC EXP +POINT
		1.18	22	P 5			VOL ETL -2.01	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12			CLP ETL -2.22	UTE	ETL	0.13	0.18			520HF	KINETIC EXP +POINT
123	45						NDF LTS -2.77	LTS	LTS					520HF	SPECIAL INTEREST +P
		0.41	103	P 2			NQI LTE +21.23	LTE	UTE					510UL	510 BOBBIN EXAM
123	47						NDF LTE +10.12	LTE	LTE					520HF	SPECIAL INTEREST +P
		0.25	96	P 2			NQI LTE +10.12	LTE	UTE					510UL	510 BOBBIN EXAM
123	49						NDF LTE +10.70	LTE	LTE					520HF	SPECIAL INTEREST +P
		0.24	97	P 2			NQI LTE +10.70	LTE	UTE					510UL	510 BOBBIN EXAM
123	72						NDF LTS +13.71	LTS	LTS					520HF	SPECIAL INTEREST +P
		3.29	183	P 1			DNT LTS +13.71	UTE	LTE					510UL	510 BOBBIN EXAM
123	84	0.30	16	P 5			VOL ETL -0.80	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12			CLP ETL -0.80	UTS	ETL	0.27	0.23			520HF	KINETIC EXP +POINT
123	85		0	12			CLP UTS -1.30	UTS	UTS	0.17	0.17			520HF	SPECIAL INTEREST +P
		0.40	11	P 5			VOL UTS -1.30	UTS	UTS					520HF	SPECIAL INTEREST +P
		0.45	7	3			TWD 23 15S +45.08	UTE	LTE					540HF	540 BOBBIN EXAM
123	93						NDF LTE +9.20	LTE	LTE					520HF	SPECIAL INTEREST +P
		3.10	172	P 1			DNT LTE +9.20	UTE	LTE					510UL	510 BOBBIN EXAM
123	96		0	12			CLP UTS -1.23	UTS	UTS	0.17	0.17			520HF	SPECIAL INTEREST +P
			0	12			CLP UTS -1.45	UTS	UTS	0.17	0.17			520HF	SPECIAL INTEREST +P
			0	12			CLP UTS -1.88	UTS	UTS	0.17	0.13			520HF	SPECIAL INTEREST +P
			0	12			CLP UTS -4.38	UTS	UTS	0.06	0.09			520HF	SPECIAL INTEREST +P
		0.58	21	P 5			VOL UTS -4.38	UTS	UTS					520HF	SPECIAL INTEREST +P
		0.65	20	P 5			VOL UTS -1.88	UTS	UTS					520HF	SPECIAL INTEREST +P
		0.48	21	P 5			VOL UTS -1.45	UTS	UTS					520HF	SPECIAL INTEREST +P
		0.27	12	P 5			VOL UTS -1.23	UTS	UTS					520HF	SPECIAL INTEREST +P
		0.73	4	3			INR 15S +44.90	UTE	LTE					540HF	540 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.44	8	3	TWD	27	15S	+42.66	UTE	LTE				540HF	540 BOBBIN EXAM
		0.86	5	3	TWD	17	15S	+41.56	UTE	LTE				540HF	540 BOBBIN EXAM
123	99	2.50	174	P 1	DNT		LTE	+9.26	UTE	LTE				510UL	510 BOBBIN EXAM
124	1		0	12	CLP		13S	-12.98	13S	13S	0.17	0.12		520HF	SPECIAL INTEREST +P
		0.52	25	P 5	VOL		13S	-12.98	13S	13S				520HF	SPECIAL INTEREST +P
124	2	0.28	18	P 5	VOL		ETL	+0.34	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.34	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
124	16	0.31	18	P 5	VOL		10S	+2.29	10S	10S				520HF	SPECIAL INTEREST +P
			0	12	CLP		10S	+2.29	10S	10S	0.12	0.14		520HF	SPECIAL INTEREST +P
		0.59	8	3	TWD	27	10S	+2.26	UTE	LTE				540HF	540 BOBBIN EXAM
		0.34	15	P 5	VOL		ETL	+0.66	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.66	ETL	ETL	0.10	0.11		520HF	KINETIC EXP +POINT
		0.45	21	P 5	VOL		ETL	+1.28	ETL	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.28	ETL	ETL	0.15	0.16		520HF	KINETIC EXP +POINT
		0.68	27	P 5	VOL		ETL	+3.95	ETL	ETL	58			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.95	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
124	25	0.30	25	P 5	VOL		ETL	-2.87	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.87	ETL	ETL	0.19	0.15		520HF	KINETIC EXP +POINT
124	27	0.25	17	P 5	VOL		ETL	+1.45	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.45	ETL	ETL	0.10	0.15		520HF	KINETIC EXP +POINT
124	29		0	12	CLP		ETL	-0.80	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
		0.45	30	P 5	VOL		ETL	-0.80	ETL	ETL				520HF	KINETIC EXP +POINT
124	37	0.23	23	P 5	VOL		ETL	-0.79	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.79	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.89	26	P 5	VOL		ETL	+0.53	ETL	ETL	54			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.53	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.39	20	P 5	VOL		ETL	+1.92	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.92	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
		0.36	17	P 5	VOL		ETL	+3.90	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.90	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
124	42	0.51	20	P 5	VOL		ETL	+0.68	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.68	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
124	47				NDF		LTS	-5.29	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.47	115	P 2	NQI		LTE	+18.71	LTE	UTE				510UL	510 BOBBIN EXAM
		0.49	21	P 5	VOL		ETL	+1.07	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.07	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
		0.45	15	P 5	VOL		ETL	+1.83	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.83	ETL	ETL	0.16	0.09		520HF	KINETIC EXP +POINT
		0.44	19	P 5	VOL		ETL	+3.33	ETL	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.33	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
124	50	0.39	22	P 5	VOL		ETL	+0.90	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.90	ETL	ETL	0.21	0.16		520HF	KINETIC EXP +POINT
124	58	0.39	16	P 5	VOL		ETL	+2.15	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.15	ETL	ETL	0.21	0.16		520HF	KINETIC EXP +POINT
124	80	0.30	13	P 5	VOL		ETL	+0.82	ETL	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.82	ETL	ETL	0.19	0.11		520HF	KINETIC EXP +POINT
124	93				NDF		LTE	+9.52	LTE	LTE				520HF	SPECIAL INTEREST +P
		3.37	168	P 1	DNT		LTE	+9.52	LTE	UTE				510UL	510 BOBBIN EXAM
		0.20	65	P 5	TWD	4	10S	+0.73	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
124	99				NDF		15S	+1.38	15S	15S				520HF	SPECIAL INTEREST +P
		0.30	4	3	INR		13S	+8.36	UTE	LTE				540HF	540 BOBBIN EXAM
		0.24	115	3	NQI		15S	+1.38	UTE	LTE				540HF	540 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	BTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
124	100		0	12	CLP		13S							520HF	SPECIAL INTEREST +P
			0	12	CLP		13S							520HF	SPECIAL INTEREST +P
			0	12	CLP		13S							520HF	SPECIAL INTEREST +P
			0	12	CLP		13S							520HF	SPECIAL INTEREST +P
			0	12	CLP		13S							520HF	SPECIAL INTEREST +P
		0.24	10	P 5	VOL		13S							520HF	SPECIAL INTEREST +P
		0.35	17	P 5	VOL		13S							520HF	SPECIAL INTEREST +P
		0.18	18	P 5	VOL		13S							520HF	SPECIAL INTEREST +P
		0.29	15	P 5	VOL		13S							520HF	SPECIAL INTEREST +P
		0.27	17	P 5	VOL		13S							520HF	SPECIAL INTEREST +P
		0.27	13	P 5	VOL		12S							520HF	SPECIAL INTEREST +P
			0	12	CLP		12S							520HF	SPECIAL INTEREST +P
		0.31	8	3	BVC		13S							540HF	540 BOBBIN EXAM
		0.25	7	3	BVC		13S							540HF	540 BOBBIN EXAM
		0.20	16	3	BVC		13S							540HF	540 BOBBIN EXAM
		0.33	12	3	BVC		12S							540HF	540 BOBBIN EXAM
125	5				NDF		11S							520HF	SPECIAL INTEREST +P
		0.27	106	3	NQI		11S							510UL	510 BOBBIN EXAM
125	19	5.45	178	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
		0.40	21	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.22	0.18			520HF	KINETIC EXP +POINT
125	20	6.95	175	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
125	29		0	12	CLP		UTS							520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS							520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS							520HF	SPECIAL INTEREST +P
		0.15	13	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
		0.30	16	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
		0.12	14	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
125	31	0.36	13	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
		0.31	27	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
		0.65	20	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
125	37	0.42	12	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
125	63	0.35	18	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
		0.20	17	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
		0.37	11	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
		0.17	14	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL							520HF	KINETIC EXP +POINT
125	82		0	12	CLP		UTS							520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS							520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS							520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS							520HF	SPECIAL INTEREST +P
		0.17	9	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
		0.28	14	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
		0.24	11	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
		0.13	9	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
125	90	2.43	173	P 1	INR		LTE							510UL	510 BOBBIN EXAM
125	98	0.24	25	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS							520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.15	28	P	5	VOL	UTS							520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS			0.14		0.16		520HF	SPECIAL INTEREST +P
		0.29	17	P	5	VOL	UTS							520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS			0.19		0.10		520HF	SPECIAL INTEREST +P
		0.43	7	3	TWD	23	15S							540HF	540 BOBBIN EXAM
		0.25	11	3	BVC		15S							540HF	540 BOBBIN EXAM
126	1	0.68	2	3	INR		12S							540HF	540 BOBBIN EXAM
		0.40	3	3	INR		12S							540HF	540 BOBBIN EXAM
		0.62	6	3	TWD	20	12S							510UL	510 BOBBIN EXAM
		0.37	8	3	BVC		12S							510UL	510 BOBBIN EXAM
126	3	0.28	23	P	5	VOL	ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.18		0.17		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.18		0.15		520HF	KINETIC EXP +POINT
		0.41	13	P	5	VOL	ETL							520HF	KINETIC EXP +POINT
		0.50	16	P	5	VOL	ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.18		0.11		520HF	KINETIC EXP +POINT
		0.61	22	P	5	VOL	ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.18		0.17		520HF	KINETIC EXP +POINT
126	11	2.15	177	P	1	INR	LTS							510UL	510 BOBBIN EXAM
126	12	1.20	67	3	NQI		LTS							510UL	510 BOBBIN EXAM
		3.57	9	3	NQI		LTS							510UL	510 BOBBIN EXAM
		0.66	112	1	MBM		01S			HR				520HF	SPECIAL INTEREST +P
		1.73	113	1	MBM		01S			HR				520HF	SPECIAL INTEREST +P
126	18	6.28	173	P	1	DNT	LTE							510UL	510 BOBBIN EXAM
					NDF		LTE							520HF	SPECIAL INTEREST +P
126	20				NDF		LTE							520HF	SPECIAL INTEREST +P
		5.24	177	P	1	DNT	LTE							510UL	510 BOBBIN EXAM
126	34		0	12	CLP		UTS			0.16		0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS			0.16		0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS			0.11		0.18		520HF	SPECIAL INTEREST +P
		0.21	21	P	5	VOL	UTS							520HF	SPECIAL INTEREST +P
		0.37	20	P	5	VOL	UTS							520HF	SPECIAL INTEREST +P
		0.51	21	P	5	VOL	UTS							520HF	SPECIAL INTEREST +P
126	58	1.46	81	1	MBM		04S			HR				520HF	SPECIAL INTEREST +P
		0.51	96	3	NQI		03S							510UL	510 BOBBIN EXAM
126	77		0	12	CLP		ETL			0.23		0.23		520HF	KINETIC EXP +POINT
		0.51	18	P	5	VOL	ETL							520HF	KINETIC EXP +POINT
126	79	0.37	23	P	5	VOL	ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.23		0.17		520HF	KINETIC EXP +POINT
		0.49	23	P	5	VOL	ETL			43				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.23		0.17		520HF	KINETIC EXP +POINT
126	80	0.26	94	P	1	INR	LTE							510UL	510 BOBBIN EXAM
126	87	2.83	182	P	1	DNT	LTE							510UL	510 BOBBIN EXAM
126	89	0.61	17	P	5	VOL	ETL			25				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.24		0.28		520HF	KINETIC EXP +POINT
					NDF		LTE							520HF	SPECIAL INTEREST +P
		2.76	176	P	1	DNT	LTE							510UL	510 BOBBIN EXAM
126	93	0.20	79	3	INR		11S							510UL	510 BOBBIN EXAM
126	94		0	12	CLP		UTS			0.34		0.17		520HF	SPECIAL INTEREST +P
		0.95	21	P	5	VOL	UTS							520HF	SPECIAL INTEREST +P
		0.36	15	P	5	VOL	ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.16		0.19		520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		1.03	11	3	TWD	37	15S							540HF	540 BOBBIN EXAM
		0.48	6	P 2	TWD	20	UTS							540HF	540 BOBBIN EXAM
127	3	0.37	17	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.15	0.18			520HF	KINETIC EXP +POINT
		0.40	18	P 5	VOL		ETL			27				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.18	0.12			520HF	KINETIC EXP +POINT
		1.51	24	P 5	VOL		ETL			47				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.22	0.12			520HF	KINETIC EXP +POINT
127	6	1.70	17	2	PID		LTE							520HF	LTE ROLL +POINT
			0	12	CLP		LTE			0.26	0.17			520HF	LTE ROLL +POINT
		1.29	33	P 4	SVI		LTE				LAR			520HF	LTE ROLL +POINT
127	18	6.35	173	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
127	19	8.22	177	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
127	84		0	12	CLP		ETL			0.22	0.22			520HF	KINETIC EXP +POINT
		0.99	30	P 5	VOL		ETL			67				520HF	KINETIC EXP +POINT
		2.61	40	P 5	VOL		ETL			86				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.27	0.16			520HF	KINETIC EXP +POINT
127	90	0.38	87	P 5	TWD	11	11S							540HF	540 BOBBIN EXAM
127	93	4.92	173	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
		0.15	104	P 1	INR		15S							510UL	510 BOBBIN EXAM
					NDF		LTE							520HF	SPECIAL INTEREST +P
127	94	4.76	177	P 1	DNT		LTE							540HF	540 BOBBIN EXAM
128	5	0.23	14	P 5	VOL		ETL			17				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.15	0.17			520HF	KINETIC EXP +POINT
		0.24	18	P 5	VOL		ETL			27				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.10	0.11			520HF	KINETIC EXP +POINT
128	13	0.65	28	P 5	SCI		ETL			63				520HF	KINETIC EXP +POINT
		0.17	32	P 5	ARC		ETL							520HF	KINETIC EXP +POINT
128	29	0.30	30	P 5	SCI		ETL			71				520HF	KINETIC EXP +POINT
		0.14	27	P 5	ARC		ETL							520HF	KINETIC EXP +POINT
128	46	0.33	10	P 5	VOL		ETL			8				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.16	0.09			520HF	KINETIC EXP +POINT
		0.30	24	P 5	VOL		ETL			25				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.16	0.14			520HF	KINETIC EXP +POINT
		0.60	23	P 5	VOL		ETL			25				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.16	0.14			520HF	KINETIC EXP +POINT
128	47	0.79	23	P 5	VOL		ETL			43				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.21	0.22			520HF	KINETIC EXP +POINT
		0.17	19	P 5	VOL		ETL			30				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.16	0.16			520HF	KINETIC EXP +POINT
128	76	0.27	50	P 5	TWD	9	09S							510UL	510 BOBBIN EXAM
128	88				NDF		02S							520HF	SPECIAL INTEREST +P
		4.64	175	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
		17.25	178	3	IDC		LTE							510UL	510 BOBBIN EXAM
128	90	2.87	170	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
128	93	5.15	173	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
					NDF		LTE							520HF	SPECIAL INTEREST +P
129	6				NDF		14S							520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.16	67	P 1	NQI		14S	-1.04	LTE	UTE				510UL	510 BOBBIN EXAM
129 9		0.78	5	3	TWD 17		10S	+23.11	UTE	LTE				540HF	540 BOBBIN EXAM
		0.77	6	3	TWD 20		10S	+22.99	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		11S	-12.89	11S	11S				520HF	SPECIAL INTEREST +P
129 28			0	12	CLP		ETL	-1.31	UTS	ETL	0.13	0.11		520HF	KINETIC EXP +POINT
		0.16	8	P 5	VOL		ETL	-1.31	UTS	ETL				520HF	KINETIC EXP +POINT
		0.22	8	P 5	VOL		ETL	+2.41	UTS	ETL	6			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.41	UTS	ETL	0.22	0.16		520HF	KINETIC EXP +POINT
129 46					NDF		LTS	-11.96	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.37	79	P 2	NQI		LTE	+12.04	LTE	UTE				510UL	510 BOBBIN EXAM
129 74		0.16	123	P 1	INR		09S	+0.72	UTE	LTE				510UL	510 BOBBIN EXAM
129 87		5.59	176	P 1	DNT		LTE	+10.66	UTE	LTE				510UL	510 BOBBIN EXAM
129 91		5.13	173	P 1	DNT		LTE	+10.97	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+10.97	LTE	LTE				520HF	SPECIAL INTEREST +P
		0.39	33	P 5	VOL		ETL	+2.50	UTS	ETL	86			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.50	UTS	ETL	0.22	0.24		520HF	KINETIC EXP +POINT
129 92		5.27	172	P 1	DNT		LTE	+10.55	UTE	LTE				510UL	510 BOBBIN EXAM
129 94					NDF		15S	+1.95	15S	15S				520HF	SPECIAL INTEREST +P
		0.43	65	P 2	TWD 16		10S	-0.27	10S	10S	WAR			520HF	SPECIAL INTEREST +P
		0.26	87	P 1	NQI		10S	-0.26	UTE	LTE				510UL	510 BOBBIN EXAM
		0.31	82	3	NQI		15S	+1.95	UTE	LTE				510UL	510 BOBBIN EXAM
130 1					NDF		04S	+14.28	04S	04S				520HF	SPECIAL INTEREST +P
		0.38	24	P 5	VOL		04S	+5.41	04S	04S				520HF	SPECIAL INTEREST +P
			0	12	CLP		04S	+5.41	04S	04S	0.18	0.12		520HF	SPECIAL INTEREST +P
		0.20	101	3	NQI		04S	+14.28	LTE	UTE				510UL	510 BOBBIN EXAM
130 4		0.38	18	P 5	VOL		ETL	-0.64	UTS	ETL				520HF	KINETIC EXP +POINT
		0.37	13	P 5	VOL		ETL	+0.64	UTS	ETL	15			520HF	KINETIC EXP +POINT
		0.44	13	P 5	VOL		ETL	+2.00	UTS	ETL	15			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.00	UTS	ETL	0.18	0.18		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.64	UTS	ETL	0.22	0.18		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.64	UTS	ETL	0.22	0.18		520HF	KINETIC EXP +POINT
130 25		0.18	26	P 5	VOL		ETL	+2.20	ETL	ETL	54			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.20	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
130 41			0	12	CLP		UTS	-18.57	UTS	UTS	0.21	0.19		520HF	SPECIAL INTEREST +P
		0.38	11	P 5	VOL		UTS	-18.57	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.69	6	3	TWD 20		15S	+27.81	UTE	LTE				540HF	540 BOBBIN EXAM
130 46					NDF		LTE	+6.44	LTE	LTE				520HF	SPECIAL INTEREST +P
		0.32	11	P 5	VOL		15S	+22.64	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+22.64	15S	15S	0.17	0.14		520HF	SPECIAL INTEREST +P
		0.43	14	P 5	VOL		15S	+27.20	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+27.20	15S	15S	0.17	0.18		520HF	SPECIAL INTEREST +P
		0.61	5	3	TWD 17		15S	+22.78	UTE	LTE				540HF	540 BOBBIN EXAM
		1.29	15	P 2	NQI		LTE	+6.44	UTE	LTE				540HF	540 BOBBIN EXAM
130 60		2.15	34	P 5	SCI		ETL	+1.41	ETL	ETL	91			520HF	KINETIC EXP +POINT
		0.20	36	P 5	ARC		ETL	+1.41	ETL	ETL				520HF	KINETIC EXP +POINT
130 73			0	12	CLP		UTS	-4.47	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.32	24	P 5	VOL		UTS	-4.47	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.30	10	3	BVC		15S	+41.43	UTE	LTE				540HF	540 BOBBIN EXAM
130 80		0.40	32	P 5	VOL		ETL	+3.92	UTS	ETL	81			520HF	KINETIC EXP +POINT
			90	12	CLP		ETL	+3.92	UTS	ETL	0.22	0.24		520HF	KINETIC EXP +POINT
		1.06	40	P 5	VOL		ETL	+4.28	UTS	ETL	98			520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			90	12	CLP		ETL	+4.28	UTS	ETL	0.22	0.19		520HF	KINETIC EXP +POINT
130	81	2.43	175	P 1	INR		LTE	+11.01	UTE	LTE				510UL	510 BOBBIN EXAM
130	82	4.31	175	P 1	DNT		LTE	+10.29	UTE	LTE				510UL	510 BOBBIN EXAM
130	84	1.17	32	P 5	SCI		ETL	+2.60	UTS	ETL	81			520HF	KINETIC EXP +POINT
		0.35	65	P 5	ARC		ETL	+2.60	UTS	ETL				520HF	KINETIC EXP +POINT
		0.53	26	P 5	SCI		ETL	+6.12	UTS	ETL	54			520HF	KINETIC EXP +POINT
		0.35	90	P 5	ARC		ETL	+6.12	UTS	ETL				520HF	KINETIC EXP +POINT
		8.20	177	P 1	DNT		LTE	+10.80	UTE	LTE				510UL	510 BOBBIN EXAM
130	87				NDF		LTE	+10.93	LTE	LTE				520HF	SPECIAL INTEREST +P
		4.34	177	P 1	DNT		LTE	+10.93	UTE	LTE				510UL	510 BOBBIN EXAM
130	88	5.93	174	P 1	DNT		LTE	+10.61	UTE	LTE				510UL	510 BOBBIN EXAM
131	1		0	12	CLP		14S	-10.96	14S	13S	0.11	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		14S	-10.13	14S	13S	0.22	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		14S	-1.19	14S	13S	0.17	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		14S	+2.45	14S	13S	0.17	0.17		520HF	SPECIAL INTEREST +P
					NDF		14S	+4.58	14S	13S				520HF	SPECIAL INTEREST +P
					NDF		14S	+4.81	14S	13S				520HF	SPECIAL INTEREST +P
			0	12	CLP		14S	+5.72	14S	13S	0.17	0.17		520HF	SPECIAL INTEREST +P
					NDF		14S	+9.53	14S	13S				520HF	SPECIAL INTEREST +P
			0	12	CLP		13S	+24.90	14S	13S	0.17	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		13S	+15.06	14S	13S	0.17	0.17		520HF	SPECIAL INTEREST +P
			0	12	CLP		13S	+13.83	14S	13S	0.17	0.17		520HF	SPECIAL INTEREST +P
		0.28	25	P 5	VOL		13S	+24.90	14S	13S				520HF	SPECIAL INTEREST +P
		0.58	19	P 5	VOL		13S	+13.83	14S	13S				520HF	SPECIAL INTEREST +P
		0.28	11	P 5	VOL		13S	+15.06	14S	13S				520HF	SPECIAL INTEREST +P
		0.32	17	P 5	VOL		14S	+5.72	14S	13S				520HF	SPECIAL INTEREST +P
		0.28	13	P 5	VOL		14S	+2.45	14S	13S				520HF	SPECIAL INTEREST +P
		0.25	15	P 5	VOL		14S	-1.19	14S	13S				520HF	SPECIAL INTEREST +P
		0.35	20	P 5	VOL		14S	-10.13	14S	13S				520HF	SPECIAL INTEREST +P
		0.25	22	P 5	VOL		14S	-10.96	14S	13S				520HF	SPECIAL INTEREST +P
		0.35	9	3	BVC		14S	+4.58	UTE	LTE				540HF	540 BOBBIN EXAM
		0.46	7	3	TWD 23		13S	+34.06	UTE	LTE				540HF	540 BOBBIN EXAM
		0.54	7	3	TWD 23		13S	+25.50	UTE	LTE				540HF	540 BOBBIN EXAM
		0.35	6	3	BVC		13S	+14.95	UTE	LTE				540HF	540 BOBBIN EXAM
		0.46	5	3	TWD 17		13S	+13.74	UTE	LTE				540HF	540 BOBBIN EXAM
		0.26	8	3	BVC		08S	+29.17	UTE	LTE				540HF	540 BOBBIN EXAM
		0.31	18	P 5	VOL		09S	-10.08	09S	09S				520HF	SPECIAL INTEREST +P
			0	12	CLP		09S	-10.08	09S	09S	0.14	0.14		520HF	SPECIAL INTEREST +P
131	17	0.56	75	6	ADI		15S	+32.09	LTE	UTE				510UL	510 BOBBIN EXAM
		2.04	81	6	ADI		15S	+6.65	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		15S	+6.65	15S	15S				520HF	SPECIAL INTEREST +P
					NDF		UTS	-14.25	UTS	UTS				520HF	SPECIAL INTEREST +P
131	78	2.33	175	P 1	INR		LTE	+10.72	UTE	LTE				510UL	510 BOBBIN EXAM
		0.74	32	P 5	VOL		ETL	-0.93	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.93	UTS	ETL	0.31	0.24		520HF	KINETIC EXP +POINT
131	81				NDF		LTE	+11.43	LTE	LTE				520HF	SPECIAL INTEREST +P
		4.11	171	P 1	DNT		LTE	+11.43	UTE	LTE				510UL	510 BOBBIN EXAM
		3.63	175	P 1	DNT		LTE	+10.60	UTE	LTE				510UL	510 BOBBIN EXAM
131	82		0	12	CLP		UTS	-3.31	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-8.62	UTS	UTS	0.17	0.17		520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+15.89	15S	15S	0.17	0.17		520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+6.05	15S	15S	0.11	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+3.42	15S	15S	0.17	0.17		520HF	SPECIAL INTEREST +P
		0.37	19	P 5	VOL		15S	+3.42	15S	15S				520HF	SPECIAL INTEREST +P
		0.31	17	P 5	VOL		15S	+6.05	15S	15S				520HF	SPECIAL INTEREST +P
		0.55	18	P 5	VOL		15S	+15.89	15S	15S				520HF	SPECIAL INTEREST +P
		0.87	17	P 5	VOL		UTS	-8.62	UTS	UTS				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.55	18	P	5	VOL	UTS	-3.31	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.75	5	3	TWD	17	15S	+37.73	UTE	LTE				540HF	540 BOBBIN EXAM
		0.51	8	3	TWD	27	15S	+43.26	UTE	LTE				540HF	540 BOBBIN EXAM
		0.70	6	3	TWD	20	15S	+15.66	UTE	LTE				540HF	540 BOBBIN EXAM
		2.35	355	P	1	INR	LTE	+10.57	UTE	LTE				540HF	540 BOBBIN EXAM
132	15	0.16	127	3	NQI		LTS	-19.26	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	-19.26	LTS	LTS				520HF	SPECIAL INTEREST +P
132	17	0.23	130	P	1	NQI	05S	-0.72	LTE	UTE				510UL	510 BOBBIN EXAM
		0.31	0	P	2	TWD	9	-0.76	05S	05S	WAR			520HF	SPECIAL INTEREST +P
132	30	0.60	22	P	5	VOL	ETL	+0.93	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.93	ETL	ETL	0.20	0.15		520HF	KINETIC EXP +POINT
		1.74	31	P	5	VOL	ETL	+1.74	ETL	ETL	76			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.74	ETL	ETL	0.20	0.15		520HF	KINETIC EXP +POINT
132	35				NDF		LTE	-10.8	LTE	LTE				520HF	SPECIAL INTEREST +P
		0.70	123	P	2	NQI	LTE	+10.8	UTE	UTE				510UL	510 BOBBIN EXAM
132	39		0	12	CLP		UTS	-10.8	UTS	0.16	0.16			520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-10.8	UTS	0.16	0.14			520HF	SPECIAL INTEREST +P
		0.58	22	P	5	VOL	UTS	-10.8	UTS					520HF	SPECIAL INTEREST +P
		0.21	15	P	5	VOL	UTS	-10.8	UTS					520HF	SPECIAL INTEREST +P
		0.45	7	3	TWD	23	15S	-10.8	LTE	LTE				540HF	540 BOBBIN EXAM
		10.40	179	P	1	DNT	LTE	-10.8	LTE	LTE				540HF	540 BOBBIN EXAM
132	40	0.40	12	P	5	VOL	UTS	-0.18	ETL	ETL	0.22	0.22		520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	-0.18	ETL	ETL				520HF	KINETIC EXP +POINT
		0.11	16	P	5	INR	UTS	-0.18	ETL	ETL				520HF	KINETIC EXP +POINT
		0.23	10	P	5	VOL	UTS	-0.18	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	-0.18	ETL	ETL	0.18	0.17		520HF	KINETIC EXP +POINT
		0.30	2	P	5	VOL	ETL	+0.18	ETL	ETL	0			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.18	ETL	ETL	0.18	0.17		520HF	KINETIC EXP +POINT
		0.35	10	P	5	VOL	ETL	-1.18	ETL	ETL	9			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.18	ETL	ETL	0.18	0.17		520HF	KINETIC EXP +POINT
132	49	0.38	34	P	5	VOL	ETL	-0.18	ETL	ETL	0.18	0.17		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.18	ETL	ETL				520HF	KINETIC EXP +POINT
132	69	0.38	94	P	1	INR	LTE	+21.79	UTE	LTE				510UL	510 BOBBIN EXAM
132	71	5.89	174	P	1	DNT	LTE	+11.06	LTE	LTE				510UL	510 BOBBIN EXAM
			90	12	CLP		UTS	-1.01	ETL	ETL	0.27	0.15		520HF	KINETIC EXP +POINT
		0.38	14	P	5	VOL	UTS	-1.01	ETL	ETL				520HF	KINETIC EXP +POINT
132	72	8.81	178	P	1	DNT	LTE	+11.06	LTE	LTE				510UL	510 BOBBIN EXAM
132	73				NDF		LTE	+10.74	LTE	LTE				520HF	SPECIAL INTEREST +P
		4.66	174	P	1	DNT	LTE	+10.74	UTE	LTE				510UL	510 BOBBIN EXAM
132	74	2.38	181	P	1	INR	LTE	+10.95	UTE	LTE				510UL	510 BOBBIN EXAM
132	82	7.85	174	P	1	DNT	LTE	+10.95	UTE	LTE				510UL	510 BOBBIN EXAM
133	4	0.18	79	P	1	NQI	10S	-0.78	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		10S	-0.78	10S	10S				520HF	SPECIAL INTEREST +P
133	8		0	12	CLP		UTS	-2.53	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.15	21	P	5	VOL	UTS	-2.53	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.33	19	3	BVC		15S	+43.45	UTE	LTE				540HF	540 BOBBIN EXAM
133	26	0.20	78	3	NQI		10S	+25.27	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		11S	-10.73	11S	11S				520HF	SPECIAL INTEREST +P
133	35		0	12	CLP		ETL	-1.18	ETL	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.34	14	P	5	VOL	ETL	-1.18	ETL	ETL				520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
133	49	0.22	10	P 5	VOL		UTS	+6.17	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+6.17	UTS	ETL	0.18	0.17		520HF	KINETIC EXP +POINT
133	51	0.51	17	P 5	VOL		ETL	+1.72	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.72	ETL	ETL	0.16	0.16		520HF	KINETIC EXP +POINT
133	57	0.47	20	P 5	VOL		ETL	+2.38	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.38	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.62	25	P 5	VOL		ETL	+2.69	ETL	ETL	51			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.69	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		0.57	14	P 5	VOL		ETL	+3.15	ETL	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.15	ETL	ETL	0.10	0.11		520HF	KINETIC EXP +POINT
133	65	0.42	18	P 5	VOL		ETL	+0.12	ETL	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.12	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
133	66	0.44	23	P 5	VOL		ETL	-2.03	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-2.03	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
133	72	0.38	10	P 5	VOL		ETL	+2.34	ETL	ETL	9			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.34	ETL	ETL	0.10	0.11		520HF	KINETIC EXP +POINT
133	83				NDF		15S	+1.53	15S	15S				520HF	SPECIAL INTEREST +P
					NDF		LTE	+11.19	LTE	LTE				520HF	SPECIAL INTEREST +P
		0.37	107	3	NQI		15S	+1.53	UTE	LTE				510UL	510 BOBBIN EXAM
		5.85	175	P 1	DNT		LTE	+11.19	UTE	LTE				510UL	510 BOBBIN EXAM
133	84	7.05	178	P 1	DNT		LTE	+11.31	UTE	LTE				510UL	510 BOBBIN EXAM
134	18	0.31	48	P 2	NQI		LTE	+17.10	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	-6.90	LTS	LTS				520HF	SPECIAL INTEREST +P
134	29	0.89	101	3	NQI		13S	+5.75	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		13S	+5.75	13S	13S				520HF	SPECIAL INTEREST +P
134	31	0.76	29	P 5	VOL		ETL	-0.02	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.02	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
134	34	0.23	102	P 5	TWD 6		02S	+0.76	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
134	39				NDF		LTS	-9.08	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.61	107	P 2	NQI		LTE	+14.92	LTE	UTE				510UL	510 BOBBIN EXAM
134	47				NDF		12S	+7.01	12S	12S				520HF	SPECIAL INTEREST +P
		0.19	72	3	NQI		12S	+7.01	LTE	UTE				510UL	510 BOBBIN EXAM
134	49	0.35	4	3	INR		15S	+36.92	UTE	LTE				540HF	540 BOBBIN EXAM
134	65		0	12	CLP		UTS	-2.90	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-4.90	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-8.70	UTS	UTS	0.17	0.17		520HF	SPECIAL INTEREST +P
		0.49	22	P 5	VOL		UTS	-8.70	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.07	9	P 5	VOL		UTS	-4.90	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.18	9	P 5	VOL		UTS	-2.90	UTS	UTS				520HF	SPECIAL INTEREST +P
134	76	8.44	177	P 1	DNT		LTE	+10.70	UTE	LTE				510UL	510 BOBBIN EXAM
		0.17	37	P 1	NQI		15S	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		15S	+0.00	15S	15S				520HF	SPECIAL INTEREST +P
134	77	0.26	124	P 5	TWD 7		13S	+0.24	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
134	78				NDF		LTE	+10.67	LTE	LTE				520HF	SPECIAL INTEREST +P
		4.93	176	P 1	DNT		LTE	+10.67	UTE	LTE				510UL	510 BOBBIN EXAM
134	83	6.24	173	P 1	DNT		LTE	+11.24	UTE	LTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	ITW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
134	85	6.39	177	P 1	DNT		LTE	+11.41	UTE	LTE				510UL	510 BOBBIN EXAM
135	5		0	12	CLP		15S	-7.41	15S	15S	0.11	0.13		520HF	SPECIAL INTEREST +P
		0.43	23	P 5	VOL		15S	-7.41	15S	15S				520HF	SPECIAL INTEREST +P
		0.54	3	3	INR		14S	+27.63	UTE	LTE				540HF	540 BOBBIN EXAM
135	12	0.14	75	3	NQI		08S	+7.64	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		08S	+7.64	08S	08S				520HF	SPECIAL INTEREST +P
135	14	0.09	80	P 1	NQI		08S	+0.34	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		08S	+0.34	08S	08S				520HF	SPECIAL INTEREST +P
135	21	11.20	169	P 1	DNT		09S	+15.39	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		09S	+15.39	09S	09S				520HF	SPECIAL INTEREST +P
135	29	0.84	62	6	ADI		12S	+29.55	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		13S	-7.46	13S	13S				520HF	SPECIAL INTEREST +P
135	32	0.25	74	P 2	INR		LTE	+14.45	LTE	UTE				510UL	510 BOBBIN EXAM
135	40				NDF		LTE	+10.87	LTE	LTE				520HF	SPECIAL INTEREST +P
		0.41	114	P 2	NQI		LTE	+10.87	LTE	UTE				510UL	510 BOBBIN EXAM
135	65				NDF		09S	+0.72	09S	09S				520HF	SPECIAL INTEREST +P
		0.19	89	P 5	NQI		09S	+0.72	UTE	LTE				510UL	510 BOBBIN EXAM
135	81	3.68	174	P 1	DNT		LTE	+10.97	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+10.97	LTE	LTE				520HF	SPECIAL INTEREST +P
136	2	7.49	172	P 1	DNT		LTE	+11.80	LTE	UTE				510UL	510 BOBBIN EXAM
136	5		0	12	CLP		UTS	-7.02	UTS	15S	0.17	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-12.44	UTS	15S	0.17	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-16.32	UTS	15S	0.11	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-24.76	UTS	15S	0.17	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-27.76	UTS	15S	0.17	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-28.67	UTS	15S	0.17	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-31.90	UTS	15S	0.17	0.17		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-38.13	UTS	15S	0.17	0.17		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-38.65	UTS	15S	0.17	0.17		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-39.44	UTS	15S	0.11	0.13		520HF	SPECIAL INTEREST +P
		0.14	6	P 5	VOL		UTS	-39.44	UTS	15S				520HF	SPECIAL INTEREST +P
		0.19	22	P 5	VOL		UTS	-38.65	UTS	15S				520HF	SPECIAL INTEREST +P
		0.23	23	P 5	VOL		UTS	-38.13	UTS	15S				520HF	SPECIAL INTEREST +P
		0.21	18	P 5	VOL		UTS	-31.90	UTS	15S				520HF	SPECIAL INTEREST +P
		0.48	23	P 5	VOL		UTS	-28.67	UTS	15S				520HF	SPECIAL INTEREST +P
		0.24	13	P 5	VOL		UTS	-27.76	UTS	15S				520HF	SPECIAL INTEREST +P
		0.38	16	P 5	VOL		UTS	-24.76	UTS	15S				520HF	SPECIAL INTEREST +P
		0.34	17	P 5	VOL		UTS	-16.32	UTS	15S				520HF	SPECIAL INTEREST +P
		0.34	29	P 5	VOL		UTS	-12.44	UTS	15S				520HF	SPECIAL INTEREST +P
		0.59	24	P 5	VOL		UTS	-7.02	UTS	15S				520HF	SPECIAL INTEREST +P
		0.34	1	3	INR		15S	+20.96	UTE	LTE				540HF	540 BOBBIN EXAM
		0.63	6	3	TWD 20		15S	+38.66	UTE	LTE				540HF	540 BOBBIN EXAM
		0.37	8	3	BVC		15S	+33.55	UTE	LTE				540HF	540 BOBBIN EXAM
		0.20	13	3	BVC		15S	+29.64	UTE	LTE				540HF	540 BOBBIN EXAM
		0.16	90	3	NQI		01S	+2.65	UTE	LTE				540HF	540 BOBBIN EXAM
					NDF		01S	+2.65	01S	01S				520HF	SPECIAL INTEREST +P
136	6		0	12	CLP		UTS	-6.53	UTS	UTS	0.11	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-10.13	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-11.43	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-13.15	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-14.62	UTS	UTS	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.25	12	P 5	VOL		UTS	-14.62	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.28	23	P 5	VOL		UTS	-13.15	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.15	19	P 5	VOL		UTS	-11.43	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.77	23	P 5	VOL		UTS	-10.13	UTS	UTS				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.29	14	P	5	VOL	UTS	-6.53	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.73	6	3	TWD	20	15S	+36.67	UTE	LTE				540HF	540 BOBBIN EXAM
		0.29	5	3	BVC		15S	+33.27	UTE	LTE				540HF	540 BOBBIN EXAM
		0.30	19	P	5	VOL	UTS	+1.60	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+1.60	UTS	ETL	0.13	0.16		520HF	KINETIC EXP +POINT
136	8	0.46	25	P	5	TWD	12	08S	-0.66	LTE	UTE	WAR		510UL	510 BOBBIN EXAM
136	9	0.39	40	P	2	NQI	LTE	+14.06	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	LTS	-9.94	LTS	LTS				520HF	SPECIAL INTEREST +P
136	26	0.21	111	3	NQI	LTS	+28.74	LTE	UTE					510UL	510 BOBBIN EXAM
						NDF	01S	-17.26	01S	01S				520HF	SPECIAL INTEREST +P
136	38		0	12	CLP	ETL	-0.02	UTS	ETL	0.18	0.17			520HF	KINETIC EXP +POINT
		0.60	22	P	5	VOL	ETL	+0.30	UTS	ETL	40			520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.30	UTS	ETL	0.18	0.17			520HF	KINETIC EXP +POINT
		0.22	1	P	5	VOL	ETL	-0.02	UTS	ETL				520HF	KINETIC EXP +POINT
136	50					NDF	LTE	+10.59	LTE	LTE				520HF	SPECIAL INTEREST +P
		7.03	174	P	1	DNT	LTE	+10.59	LTE	UTE				510UL	510 BOBBIN EXAM
136	51	6.07	171	P	1	DNT	LTE	+10.82	LTE	UTE				510JL	510 BOBBIN EXAM
136	53	0.22	78	P	5	TWD	7	09S	-0.43	UTE	LTE	WAR		510UL	510 BOBBIN EXAM
136	65	0.23	83	P	5	TWD	8	09S	+0.72	UTE	LTE	WAR		510UL	510 BOBBIN EXAM
137	2	8.76	172	P	1	DNT	LTE	+11.89	LTE	UTE				510UL	510 BOBBIN EXAM
		2.35	170	P	1	INR	LTE	+12.78	LTE	UTE				510UL	510 BOBBIN EXAM
137	6	2.64	166	P	1	DNT	LTE	+9.91	LTE	UTE				510UL	510 BOBBIN EXAM
137	7	0.19	99	3	NQI	10S	+11.05	LTE	UTE					510UL	510 BOBBIN EXAM
		2.51	173	P	1	DNT	LTE	+9.49	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	10S	+11.05	10S	10S				520HF	SPECIAL INTEREST +P
137	9	0.22	69	P	1	NQI	06S	+0.72	LTE	UTE				510UL	510 BOBBIN EXAM
		0.26	111	P	2	TWD	7	06S	+0.75	06S	06S	WAR		520HF	SPECIAL INTEREST +P
		1.06	27	P	5	PID	LTE	+0.15	LTE	LTE				520HF	LTE ROLL +POINT
		0.61	24	P	5	SCI	LTE	+0.15	LTE	LTE				520HF	LTE ROLL +POINT
		0.19	34	P	5	ARC	LTE	+0.15	LTE	LTE				520HF	LTE ROLL +POINT
137	16	0.32	61	P	5	TWD	9	05S	-0.68	LTE	UTE	WAR		510UL	510 BOBBIN EXAM
137	19	0.71	33	P	5	VOL	ETL	-0.21	ETL	ETL	0.20	0.10		520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.21	ETL	ETL	76				520HF	KINETIC EXP +POINT
		0.49	31	P	5	SCI	ETL	+1.66	ETL	ETL				520HF	KINETIC EXP +POINT
		0.20	37	P	5	ARC	ETL	+1.66	ETL	ETL				520HF	KINETIC EXP +POINT
137	39	0.28	98	P	2	TWD	11	14S	+0.07	14S	14S	WAR		520HF	SPECIAL INTEREST +P
		0.36	87	P	5	NQI	14S	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
137	47	0.25	78	P	5	TWD	7	09S	-0.41	LTE	UTE	WAR		510UL	510 BOBBIN EXAM
137	48					NDF	LTE	+10.71	LTE	LTE				520HF	SPECIAL INTEREST +P
		6.82	174	P	1	DNT	LTE	+10.71	LTE	UTE				510UL	510 BOBBIN EXAM
137	50					NDF	LTE	+10.57	LTE	LTE				520HF	SPECIAL INTEREST +P
		6.55	172	P	1	DNT	LTE	+10.57	LTE	UTE				510UL	510 BOBBIN EXAM
137	53		90	12	CLP	15S	+19.23	15S	15S	0.15	0.15			520HF	SPECIAL INTEREST +P
		0.26	13	P	5	VOL	15S	+19.23	15S	15S				520HF	SPECIAL INTEREST +P
		0.34	11	3	BVC	15S	+18.48	UTE	LTE					540HF	540 BOBBIN EXAM
137	68	6.88	177	P	1	DNT	LTE	+10.11	UTE	LTE				510UL	510 BOBBIN EXAM
			5	PID	UTS	+0.00	UTE	LTE	CAL12	1R14				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.30	6	P	5	VOL	ETL +3.02	UTS	ETL	4				520HF	KINETIC EXP +POINT
		1.44	40	P	5	SCI	ETL +3.44	UTS	ETL	98				520HF	KINETIC EXP +POINT
		0.18	34	P	5	ARC	ETL +3.44	UTS	ETL					520HF	KINETIC EXP +POINT
		4.17	47	P	5	SCI	ETL +3.70	UTS	ETL	96				520HF	KINETIC EXP +POINT
		0.26	48	P	5	ARC	ETL +3.70	UTS	ETL					520HF	KINETIC EXP +POINT
			90	12	CLP		ETL +3.02	UTS	ETL	0.21	0.25			520HF	KINETIC EXP +POINT
		4.17	47	P	5	TBP	ETL +3.70	UTS	ETL					520HF	KINETIC EXP +POINT
138	1	0.25	113	P	1	NQI	12S -0.78	LTE	UTE					510UL	510 BOBBIN EXAM
						NDF	12S -0.78	12S	12S					520HF	SPECIAL INTEREST +P
138	19	0.46	17	P	5	VOL	ETL -0.06	ETL	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -0.06	ETL	ETL	0.15	0.15			520HF	KINETIC EXP +POINT
		0.22	19	P	5	VOL	ETL +2.43	ETL	ETL	30				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +2.43	ETL	ETL	0.15	0.15			520HF	KINETIC EXP +POINT
138	33					NDF	13S +0.85	13S	13S					520HF	SPECIAL INTEREST +P
		0.25	82	P	5	NQI	13S +0.85	LTE	UTE					510UL	510 BOBBIN EXAM
138	47	5.97	171	P	1	DNT	LTE +10.55	LTE	UTE					510UL	510 BOBBIN EXAM
138	48					NDF	LTE +10.86	LTE	LTE					520HF	SPECIAL INTEREST +P
		6.33	175	P	1	DNT	LTE +10.86	LTE	UTE					510UL	510 BOBBIN EXAM
138	60	0.28	58	P	2	TWD 9	09S +0.70	09S	09S	WAR				520HF	SPECIAL INTEREST +P
		0.28	47	P	5	NQI	09S +0.70	UTE	LTE					510UL	510 BOBBIN EXAM
138	65	0.32	74	P	2	TWD 10	14S +0.75	14S	14S	WAR				520HF	SPECIAL INTEREST +P
		0.40	12	P	5	VOL	UTS +5.97	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		UTS +5.97	UTS	ETL	0.24	0.15			520HF	KINETIC EXP +POINT
		0.76	8	3	TWD 27		UTS +6.12	UTE	LTE					540HF	540 BOBBIN EXAM
		0.20	67	P	1	NQI	14S +0.57	UTE	LTE					540HF	540 BOBBIN EXAM
139	24	2.03	84	6	ADI	02S +35.48	LTE	UTE						510UL	510 BOBBIN EXAM
						NDF	03S -3.52	03S	03S					520HF	SPECIAL INTEREST +P
139	26		0	12	CLP		ETL -0.11	UTS	ETL	0.13	0.11			520HF	KINETIC EXP +POINT
		0.19	21	P	5	VOL	ETL +1.78	UTS	ETL	36				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +1.78	UTS	ETL	0.13	0.11			520HF	KINETIC EXP +POINT
		0.15	21	P	5	VOL	ETL -0.11	UTS	ETL					520HF	KINETIC EXP +POINT
139	33	0.33	15	P	5	VOL	ETL -0.50	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -0.50	UTS	ETL	0.18	0.17			520HF	KINETIC EXP +POINT
139	49	0.39	14	P	5	VOL	UTS +1.80	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		UTS +1.80	UTS	ETL	0.18	0.16			520HF	KINETIC EXP +POINT
		0.25	19	P	5	VOL	UTS +2.94	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		UTS +2.94	UTS	ETL	0.18	0.16			520HF	KINETIC EXP +POINT
		0.15	17	P	5	VOL	ETL -0.83	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -0.83	UTS	ETL	0.18	0.16			520HF	KINETIC EXP +POINT
139	60	0.22	39	P	2	TWD 7	09S +0.73	09S	09S	WAR				520HF	SPECIAL INTEREST +P
		0.31	143	P	1	NQI	09S +0.79	UTE	LTE					510UL	510 BOBBIN EXAM
139	66					NDF	LTE +10.31	LTE	LTE					520HF	SPECIAL INTEREST +P
		3.34	174	P	1	DNT	LTE +10.31	UTE	LTE					510UL	510 BOBBIN EXAM
139	67		0	12	CLP		UTS -0.52	UTS	UTS	0.22	0.22			520HF	KINETIC EXP +POINT
		0.60	15	P	5	VOL	UTS -0.52	UTS	UTS					520HF	KINETIC EXP +POINT
		0.31	70	P	2	TWD 10	14S +0.57	14S	14S	WAR				520HF	SPECIAL INTEREST +P
		0.55	7	3	TWD 23		15S +45.67	UTE	LTE					540HF	540 BOBBIN EXAM
		0.25	72	P	1	NQI	14S +0.64	UTE	LTE					540HF	540 BOBBIN EXAM
		8.14	177	P	1	DNT	LTE +11.12	UTE	LTE					540HF	540 BOBBIN EXAM
139	70					NDF	LTE +10.13	LTE	LTE					520HF	SPECIAL INTEREST +P
						NDF	LTE +10.96	LTE	LTE					520HF	SPECIAL INTEREST +P
		7.41	174	P	1	DNT	LTE +10.96	UTE	LTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		3.84	176	P 1	DNT		LTE	+10.13	UTE	LTE				510UL	510 BOBBIN EXAM
139	71		0	12	CLP		14S	-10.23	14S	14S	0.17	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		14S	-0.93	14S	14S	0.17	0.13		520HF	SPECIAL INTEREST +P
		0.66	16	P 5	VOL		14S	-0.93	14S	14S				520HF	SPECIAL INTEREST +P
		0.64	12	P 5	VOL		14S	-10.23	14S	14S				520HF	SPECIAL INTEREST +P
		0.28	24	P 5	VOL		ETL	-0.51	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.51	ETL	ETL	0.14	0.23		520HF	KINETIC EXP +POINT
					NDF		15S	+1.41	15S	15S				520HF	SPECIAL INTEREST +P
		0.77	98	3	NQI		15S	+1.41	UTE	LTE				540HF	540 BOBBIN EXAM
		0.73	6	3	TWD 20		13S	+25.90	UTE	LTE				540HF	540 BOBBIN EXAM
		3.43	177	P 1	DNT		LTE	+10.43	UTE	LTE				540HF	540 BOBBIN EXAM
140	7	0.43	88	F 5	TWD 12		10S	+0.57	UTE	UTE	WAR			510UL	510 BOBBIN EXAM
140	10	0.19	87	3	NQI		LTS	-36.23	UTE					510UL	510 BOBBIN EXAM
					NDF		01S	-9.77	UTE					520HF	SPECIAL INTEREST +P
140	23	0.44	29	P 5	SCI		ETL	-1.87	ETL	67				520HF	KINETIC EXP +POINT
		0.17	32	P 5	ARC		ETL	-1.87	ETL					520HF	KINETIC EXP +POINT
140	26	0.81	28	P 5	SCI		ETL	+1.84	ETL	63				520HF	KINETIC EXP +POINT
		0.20	36	P 5	ARC		ETL	-1.84	ETL					520HF	KINETIC EXP +POINT
140	27				NDF		LTS	-3.44	UTE					520HF	SPECIAL INTEREST +P
		0.78	112	P 2	NQI		LTE	+20.11	UTE					510UL	510 BOBBIN EXAM
140	31				NDF		LTS	-3.84	UTE					520HF	SPECIAL INTEREST +P
		0.66	110	P 2	NQI		LTE	-20.11	UTE					510UL	510 BOBBIN EXAM
140	32	0.35	19	P 5	VOL		ETL	-1.84	UTE	30				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.84	UTE	0.16	0.22			520HF	KINETIC EXP +POINT
		0.38	6	P 5	VOL		ETL	+3.21	UTE	4				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-3.21	UTE	0.16	0.16			520HF	KINETIC EXP +POINT
		0.31	19	P 5	VOL		ETL	+3.21	UTE	30				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.21	UTE	0.16	0.22			520HF	KINETIC EXP +POINT
140	34				NDF		LTE	+9.41	UTE					520HF	SPECIAL INTEREST +P
		0.39	111	P 2	NQI		LTE	+9.41	UTE					510UL	510 BOBBIN EXAM
140	69		0	12	CLP		13S	+14.30	UTE	0.17	0.21			520HF	SPECIAL INTEREST +P
		0.47	22	P 5	VOL		13S	+14.30	UTE					520HF	SPECIAL INTEREST +P
		0.51	62	P 2	TWD 15		14S	+0.61	UTE	WAR				520HF	SPECIAL INTEREST +P
		0.79	3	3	INR		13S	+13.99	UTE	LTE				540HF	540 BOBBIN EXAM
		5.10	178	P 1	DNT		LTE	+10.66	UTE	LTE				540HF	540 BOBBIN EXAM
		0.33	76	P 1	NQI		14S	+0.66	UTE	LTE				540HF	540 BOBBIN EXAM
140	70				NDF		15S	-0.87	UTE	15S				520HF	SPECIAL INTEREST +P
		0.54	55	P 2	TWD 16		14S	+0.63	UTE	14S	WAR			520HF	SPECIAL INTEREST +P
		0.47	22	P 5	VOL		ETL	-1.85	UTE	ETL				520HF	KINETIC EXP +POINT
		0.40	27	P 5	VOL		ETL	+1.90	UTE	ETL	58			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.85	UTE	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.90	UTE	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
		2.84	176	P 1	DNT		LTE	+10.73	UTE	LTE				540HF	540 BOBBIN EXAM
		1.21	64	P 1	NQI		15S	-0.87	UTE	LTE				540HF	540 BOBBIN EXAM
		0.47	97	P 1	NQI		14S	+0.66	UTE	LTE				540HF	540 BOBBIN EXAM
141	7	0.32	125	P 1	NQI		10S	+0.50	LTE	UTE				510UL	510 BOBBIN EXAM
		0.69	97	P 2	TWD 8		10S	+0.53	10S	10S	WAR			520HF	SPECIAL INTEREST +P
141	8	14.95	177	3	IDC		02S	+1.54	TO+38.98	LTE	UTE			510UL	510 BOBBIN EXAM
		10.43	178	3	IDC		03S	+1.57	TO+38.56	LTE	UTE			510UL	510 BOBBIN EXAM
					NDF		03S	+1.57	TO+38.56	02S	04S			520HF	SPECIAL INTEREST +P
					NDF		02S	+1.54	TO+38.98	02S	04S			520HF	SPECIAL INTEREST +P
141	26				NDF		11S	+2.53	11S	11S				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
					NDF		12S	-3.12	12S	12S				520HF	SPECIAL INTEREST +P
		0.63	9	3	TWD	30	11S	+2.53	UTE	LTE				540HF	540 BOBBIN EXAM
		0.74	11	3	TWD	37	11S	+34.88	UTE	LTE				540HF	540 BOBBIN EXAM
141	27	0.52	118	P 2	NQI		LTE	+21.62	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	-2.38	LTS	LTS				520HF	SPECIAL INTEREST +P
141	35	0.60	26	P 5	VOL		ETL	+1.68	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.68	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
		1.69	36	P 5	VOL		ETL	+2.00	ETL	ETL	67			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.00	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
141	47	0.21	19	P 5	VOL		ETL	-0.10	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.10	UTS	ETL	0.15	0.16		520HF	KINETIC EXP +POINT
		0.39	12	P 5	VOL		ETL	+1.39	UTS	ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.39	UTS	ETL	0.19	0.16		520HF	KINETIC EXP +POINT
141	50		0	12	CLP		UTS	-0.33	UTS	UTS	0.17	0.09		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-0.10	UTS	UTS	0.17	0.17		520HF	SPECIAL INTEREST +P
		2.73	31	P 5	VOL		UTS	-0.10	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.84	30	P 5	VOL		UTS	-0.33	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-0.19	UTS	ETL	0.18	0.23		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-0.03	UTS	ETL	0.18	0.17		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	+0.96	UTS	ETL	0.13	0.11		520HF	SPECIAL INTEREST +P
		0.23	43	P 5	ARC		ETL	+2.98	UTS	ETL				520HF	KINETIC EXP +POINT
		1.52	28	P 5	VOL		UTS	-0.19	UTS	ETL				520HF	SPECIAL INTEREST +P
		3.22	29	P 5	VOL		UTS	-0.03	UTS	ETL				520HF	SPECIAL INTEREST +P
		0.48	24	P 5	VOL		UTS	+0.96	UTS	ETL				520HF	SPECIAL INTEREST +P
		16.06	42	P 5	SCI		ETL	+2.98	UTS	ETL	98			520HF	KINETIC EXP +POINT
		6.37	175	P 1	DNT		LTE	+10.99	UTE	LTE				510UL	510 BOBBIN EXAM
141	51	6.39	175	P 1	DNT		LTE	+11.31	UTE	LTE				510UL	510 BOBBIN EXAM
141	60				NDF		UTS	-0.74	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.42	6	3	TWD	20	15S	+45.64	UTE	LTE				540HF	540 BOBBIN EXAM
142	5	0.26	128	3	NQI		14S	+2.93	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		14S	+2.93	14S	14S				520HF	SPECIAL INTEREST +P
142	6	0.20	103	P 1	NQI		09S	-0.49	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		09S	-0.49	09S	09S				520HF	SPECIAL INTEREST +P
142	29	0.12	14	P 5	VOL		UTS	+4.72	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+4.72	UTS	ETL	0.19	0.15		520HF	KINETIC EXP +POINT
		0.30	16	P 5	VOL		UTS	+5.13	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		UTS	+5.13	UTS	ETL	0.19	0.15		520HF	KINETIC EXP +POINT
142	45	0.13	102	3	INR		LTE	+10.30	UTE	LTE				510UL	510 BOBBIN EXAM
142	46	0.42	15	P 5	VOL		ETL	+0.74	ETL	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.74	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
142	48	6.07	174	P 1	DNT		LTE	+11.12	UTE	LTE				510UL	510 BOBBIN EXAM
142	55	5.82	174	P 1	DNT		LTE	+11.09	UTE	LTE				510UL	510 BOBBIN EXAM
143	26	1.07	24	P 5	VOL		ETL	-0.83	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.83	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
		1.00	26	P 5	VOL		ETL	+1.93	ETL	ETL	43			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.93	ETL	ETL	0.16	0.14		520HF	KINETIC EXP +POINT
143	47				NDF		LTE	+10.87	LTE	LTE				520HF	SPECIAL INTEREST +P
		5.85	175	P 1	DNT		LTE	+10.87	UTE	LTE				510UL	510 BOBBIN EXAM
43	48	5.6?	175	P 1	DNT		LTE	+11.16	UTE	LTE				510JL	510 BOBBIN EXAM
					NDF		LTE	+11.16	LTE	LTE				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
143	50	6.40	176	P 1	DNT		LTE	+10.94	UTE	LTE				510UL	510 BOBBIN EXAM
143	51	7.74	176	P 1	DNT	NDF	LTE	+10.97	LTE	LTE				520HF	SPECIAL INTEREST +P
							LTE	+10.97	UTE	LTE				510UL	510 BOBBIN EXAM
143	53	5.50	173	P 1	DNT		LTE	+11.10	UTE	LTE				510UL	510 BOBBIN EXAM
143	55	6.54	178	P 1	DNT		LTE	+10.43	UTE	LTE				540HF	540 BOBBIN EXAM
						NDF	LTE	+10.43	LTE	LTE				520HF	SPECIAL INTEREST +P
143	57	0.26	90	12	CLP		UTS	-3.23	UTS	UTS	0.19	0.15		520HF	SPECIAL INTEREST +P
		0.45	8	P 5	VOL		UTS	-3.23	UTS	UTS				520HF	SPECIAL INTEREST +P
			7	3	TWD 23	15S		+43.36	UTE	LTE				540HF	540 BOBBIN EXAM
144	2	0.37	11	3	BVC		12S	+31.06	UTE	LTE				540HF	540 BOBBIN EXAM
		0.44	23	P 5	VOL		13S	-5.92	13S	13S				520HF	SPECIAL INTEREST +P
			0	12	CLP		13S	-5.92	13S	13S	0.22	0.14		520HF	SPECIAL INTEREST +P
144	3	0.33	20	P 5	VOL		ETL	-1.19	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.19	ETL	ETL	0.14	0.11		520HF	KINETIC EXP +POINT
		1.40	29	P 5	SCI		ETL	-0.86	ETL	ETL	67			520HF	KINETIC EXP +POINT
		0.19	36	P 5	ARC		ETL	-0.86	ETL	ETL				520HF	KINETIC EXP +POINT
		7.48	44	P 5	SCI		ETL	-1.23	ETL	ETL	97			520HF	KINETIC EXP +POINT
		0.19	36	P 5	ARC		ETL	+1.23	ETL	ETL				520HF	KINETIC EXP +POINT
144	11	0.32	135	P 1	NQI	NDF	12S	+0.89	12S	12S				520HF	SPECIAL INTEREST +P
							12S	+0.89	LTE	UTE				510UL	510 BOBBIN EXAM
144	13	0.57	145	P 1	NQI	NDF	13S	+0.39	13S	13S				520HF	SPECIAL INTEREST +P
							13S	+0.39	LTE	UTE				510UL	510 BOBBIN EXAM
144	23	0.28	79	P 2	NQI	NDF	LTS	-9.48	LTS	LTS				520HF	SPECIAL INTEREST +P
							LTE	+14.16	LTE	UTE				510UL	510 BOBBIN EXAM
144	25	0.21	108	P 5	TWD 4		09S	+0.40	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
		0.33	76	P 5	TWD 6		09S	+0.78	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
144	27	0.14	90	P 5	TWD 3		09S	+0.12	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
144	30	0.20	110	P 2	INR		LTE	+20.03	LTE	UTE				510UL	510 BOBBIN EXAM
144	33	0.21	79	P 2	NQI	NDF	LTS	-8.61	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.38	94	P 2	NQI	NDF	LTS	-9.52	LTS	LTS				520HF	SPECIAL INTEREST +P
							LTE	+14.48	LTE	UTE				510UL	510 BOBBIN EXAM
							LTE	+15.39	LTE	UTE				510UL	510 BOBBIN EXAM
144	45	3.06	171	P 1	DNT		LTE	+8.24	UTE	LTE				510UL	510 BOBBIN EXAM
144	47	5.34	176	P 1	DNT		LTE	+11.23	UTE	LTE				510UL	510 BOBBIN EXAM
144	51	5.91	175	P 1	DNT		LTE	+10.90	UTE	LTE				510UL	510 BOBBIN EXAM
145	7	1.37	39	P 5	PID		LTE	+0.15	LTE	LTE				520HF	LTE ROLL +POINT
		5.46	177	P 1	DNT		LTE	+11.44	LTE	UTE				510UL	510 BOBBIN EXAM
		1.95	175	P 1	INR		LTE	+13.07	LTE	UTE				510UL	510 BOBBIN EXAM
		0.23	42	P 5	ARC		LTE	+0.15	LTE	LTE				520HF	LTE ROLL +POINT
		1.35	31	P 5	SCI		LTE	+0.15	LTE	LTE	LAR			520HF	LTE ROLL +POINT
145	8	6.63	170	P 1	DNT	NDF	LTE	+11.44	LTE	LTE				520HF	SPECIAL INTEREST +P
							LTE	+11.44	LTE	UTE				510UL	510 BOBBIN EXAM
145	9	5.05	176	P 1	DNT	NDF	LTE	+10.79	LTE	LTE				520HF	SPECIAL INTEREST +P
							LTE	+10.79	LTE	UTE				510UL	510 BOBBIN EXAM
145	10	2.43	170	P 1	INR	NDF	LTE	+11.18	LTE	LTE				520HF	SPECIAL INTEREST +P
		5.94	171	P 1	DNT		LTE	+12.26	LTE	UTE				510UL	510 BOBBIN EXAM
							LTE	+11.18	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
145	16	0.98	27	P	5	VOL	ETL	+0.89	UTS	ETL	58			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+0.89	UTS	ETL	0.18	0.17		520HF	KINETIC EXP +POINT
		0.18	18	P	5	VOL	ETL	-0.10	UTS	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-0.10	UTS	ETL	0.18	0.17		520HF	KINETIC EXP +POINT
145	23	0.30	83	P	2	TWD	10 09S	+0.76	09S	09S	WAR			520HF	SPECIAL INTEREST +P
		0.26	83	P	1	NQI	09S	+0.72	LTE	UTE				510UL	510 BOBBIN EXAM
145	37					NDF	13S	-8.53	13S	13S				520HF	SPECIAL INTEREST +P
		1.27	83	6		ADI	12S	+28.47	LTE	UTE				510UL	510 BOBBIN EXAM
145	47	6.66	177	P	1	DNT	LTE	+10.95	UTE	LTE				510UL	510 BOBBIN EXAM
145	50	0.60	17	P	5	VOL	UTS	+4.20	UTS	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	UTS	+4.20	UTS	ETL	0.18	0.16		520HF	KINETIC EXP +POINT
		0.90	13	P	5	VOL	UTS	+4.10	UTS	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	UTS	+4.10	UTS	ETL	0.18	0.16		520HF	KINETIC EXP +POINT
		2.05	34	P	5	VOL	ETL	-0.02	UTS	ETL				520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	-0.02	UTS	ETL	0.23	0.16		520HF	KINETIC EXP +POINT
		1.22	11	P	2	TWD	37 UTS	+4.31	UTE	LTE				540HF	540 BOBBIN EXAM
145	53					NDF	15S	-1.67	15S	15S				520HF	SPECIAL INTEREST +P
		0.44	112	3		NQI	14S	+33.33	UTE	LTE				510UL	510 BOBBIN EXAM
146	1		0	12	CLP		05S	-3.24	05S	05S	0.11	0.17		520HF	SPECIAL INTEREST +P
		0.37	15	P	5	VOL	05S	-3.24	05S	05S				520HF	SPECIAL INTEREST +P
		0.37	15	P	5	VOL	05S	-3.24	05S	05S				520HF	SPECIAL INTEREST +P
		0.61	8	3		TWD	27 04S	+35.60	UTE	LTE				540HF	540 BOBBIN EXAM
146	3	0.36	6	3		BVC	12S	+26.40	UTE	LTE				540HF	540 BOBBIN EXAM
		0.44	17	P	5	VOL	13S	-10.75	13S	13S				520HF	SPECIAL INTEREST +P
			0		12	CLP	13S	-10.75	13S	13S	0.17	0.09		520HF	SPECIAL INTEREST +P
146	4		0	12	CLP		15S	-8.36	15S	15S	0.16	0.18		520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	-11.08	15S	15S	0.16	0.18		520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	-13.66	15S	15S	0.16	0.18		520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	-16.39	15S	15S	0.16	0.18		520HF	SPECIAL INTEREST +P
		0.33	20	P	5	VOL	15S	-16.39	15S	15S				520HF	SPECIAL INTEREST +P
		0.60	21	P	5	VOL	15S	-13.66	15S	15S				520HF	SPECIAL INTEREST +P
		0.34	28	P	5	VOL	15S	-11.08	15S	15S				520HF	SPECIAL INTEREST +P
		0.23	13	P	5	VOL	15S	-8.36	15S	15S				520HF	SPECIAL INTEREST +P
146	7	7.21	172	P	1	DNT	LTE	+11.27	LTE	UTE				510UL	510 BOBBIN EXAM
146	9	5.57	176	P	1	DNT	LTE	+10.70	LTE	UTE				510UL	510 BOBBIN EXAM
		2.17	174	P	1	INR	LTE	+12.64	LTE	UTE				510UL	510 BOBBIN EXAM
146	16					NDF	LTS	-5.86	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.36	93	P	2	NQI	LTE	+18.14	LTE	UTE				510UL	510 BOBBIN EXAM
146	23					NDF	LTE	+9.18	LTE	LTE				520HF	SPECIAL INTEREST +P
		3.45	172	P	1	DNT	LTE	+9.18	LTE	UTE				510UL	510 BOBBIN EXAM
146	25					NDF	LTE	+8.58	LTE	LTE				520HF	SPECIAL INTEREST +P
		4.26	171	P	1	DNT	LTE	+8.58	LTE	UTE				510UL	510 BOBBIN EXAM
146	39	0.19	134	P	5	TWD	5 09S	+0.59	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
146	47					NDF	15S	-3.07	15S	15S				520HF	SPECIAL INTEREST +P
		0.18	84	3		NQI	14S	+31.93	UTE	LTE				510UL	510 BOBBIN EXAM
146	48	6.05	176	P	1	DNT	LTE	+11.38	UTE	LTE				510UL	510 BOBBIN EXAM
147	2	0.38	17	3		BVC	12S	+10.48	UTE	LTE				540HF	540 BOBBIN EXAM
		0.27	16	P	5	VOL	12S	+10.48	12S	12S				520HF	SPECIAL INTEREST +P
			0		12	CLP	12S	+10.48	12S	12S	0.17	0.19		520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.41	51	P	5	PID	LTE	+0.13	LTE	LTE				520HF	LTE ROLL +POINT
		0.56	36	P	5	SCI	LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
		0.25	47	P	5	ARC	LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
147	3					NDF	12S	-13.44	12S	12S				520HF	SPECIAL INTEREST +P
		5.65	172	P	1	DNT	LTE	+11.49	LTE	UTE				510UL	510 BOBBIN EXAM
		2.68	87	6		ADI	11S	+24.56	LTE	UTE				510UL	510 BOBBIN EXAM
147	5	6.22	172	P	1	DNT	LTE	+10.82	LTE	UTE				510UL	510 BOBBIN EXAM
147	6	6.10	173	P	1	DNT	LTE	+10.81	LTE	UTE				510UL	510 BOBBIN EXAM
147	9	0.44	14	P	5	VOL	ETL	-0.29	UTS	ETL	17			520HF	KINETIC EXP +POINT
			0	12		CLP	ETL	+0.29	UTS	ETL	0.16	0.15		520HF	KINETIC EXP +POINT
147	13	0.48	19	P	5	VOL	ETL	-0.56	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12		CLP	ETL	-0.56	ETL	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
147	15		0	12		CLP	15S	+20.26	15S	15S	0.16	0.18		520HF	SPECIAL INTEREST +P
		0.46	16	P	5	VOL	15S	+20.26	15S	15S				520HF	SPECIAL INTEREST +P
		0.48	9	3		TWD 30	15S	+20.17	UTE	LTE				540HF	540 BOBBIN EXAM
147	19	0.40	19	P	5	VOL	UTS	+2.92	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12		CLP	UTS	+2.92	UTS	ETL	0.18	0.18		520HF	KINETIC EXP +POINT
		0.26	20	P	5	VOL	UTS	+2.89	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12		CLP	UTS	+2.89	UTS	ETL	0.18	0.18		520HF	KINETIC EXP +POINT
		0.23	15	P	5	VOL	UTS	+3.29	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12		CLP	UTS	+3.29	UTS	ETL	0.18	0.18		520HF	KINETIC EXP +POINT
		0.31	18	P	5	VOL	UTS	+3.55	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12		CLP	UTS	+3.55	UTS	ETL	0.18	0.12		520HF	KINETIC EXP +POINT
		0.38	10	P	5	VOL	UTS	+5.17	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12		CLP	UTS	+5.17	UTS	ETL	0.13	0.18		520HF	KINETIC EXP +POINT
		0.35	27	P	5	VOL	ETL	-0.57	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12		CLP	ETL	-0.57	UTS	ETL	0.18	0.18		520HF	KINETIC EXP +POINT
		0.39	21	P	2	BVC	UTS	+6.78	UTE	LTE				540HF	540 BOBBIN EXAM
147	36					NDF	LTE	+10.36	LTE	LTE				520HF	SPECIAL INTEREST +P
		5.38	177	P	1	DNT	LTE	+10.36	UTE	LTE				510UL	510 BOBBIN EXAM
147	40					NDF	LTE	+10.53	LTE	LTE				520HF	SPECIAL INTEREST +P
		2.94	174	P	1	DNT	LTE	+10.53	UTE	LTE				510UL	510 BOBBIN EXAM
147	44	6.03	175	P	1	DNT	LTE	+10.87	UTE	LTE				510UL	510 BOBBIN EXAM
148	13					NDF	15S	-0.15	15S	15S				520HF	SPECIAL INTEREST +P
		0.19	86	P	1	NQI	15S	-0.15	LTE	UTE				510UL	510 BOBBIN EXAM
148	17		0	12		CLP	ETL	-1.83	UTS	ETL	0.20	0.15		520HF	KINETIC EXP +POINT
		1.26	15	P	5	VOL	ETL	-1.63	UTS	ETL				520HF	KINETIC EXP +POINT
148	29					NDF	LTE	+10.85	LTE	LTE				520HF	SPECIAL INTEREST +P
		7.91	172	P	1	DNT	LTE	+10.85	LTE	UTE				510UL	510 BOBBIN EXAM
148	30	0.65	22	P	5	VOL	UTS	+4.84	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12		CLP	UTS	+4.84	UTS	ETL	0.18	0.18		520HF	KINETIC EXP +POINT
		0.08	66	P	5	INR	UTS	+5.17	UTS	ETL				520HF	KINETIC EXP +POINT
148	31					NDF	04S	+14.92	04S	04S				520HF	SPECIAL INTEREST +P
		0.19	105	3		NQI	04S	+14.92	LTE	UTE				510UL	510 BOBBIN EXAM
148	33					NDF	LTE	+10.06	LTE	LTE				520HF	SPECIAL INTEREST +P
		5.41	176	P	1	DNT	LTE	+10.06	UTE	LTE				510UL	510 BOBBIN EXAM
149	10	0.14	27	P	5	ARC	LTE	+0.18	LTE	LTE				520HF	LTE ROLL +POINT
		1.19	33	P	5	SCI	LTE	+0.18	LTE	LTE		LAR		520HF	LTE ROLL +POINT
		1.65	38	P	5	PID	LTE	+0.18	LTE	LTE				520HF	LTE ROLL +POINT

Recordable Indications

Component: TMI-OTSG-A
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	ITW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
149	24	6.35	175	P 1	DNT		LTE	+11.22	LTE	UTE				510UL	510 BOBBIN EXAM
149	26	7.84	173	P 1	DNT		LTE	+11.08	LTE	UTE				510UL	510 BOBBIN EXAM
149	30		0	12	CLP		12S	+6.58	12S	12S	0.17	0.17		520HF	SPECIAL INTEREST +P
		1.55	30	P 5	VOL		12S	+6.58	12S	12S				520HF	SPECIAL INTEREST +P
		0.22	21	3	BVC		12S	+6.46	UTE	LTE				540HF	540 BOBBIN EXAM
		6.07	177	P 1	DNT		LTE	+10.30	UTE	LTE				540HF	540 BOBBIN EXAM
		2.97	173	P 1	DNT		LTE	+6.30	UTE	LTE				540HF	540 BOBBIN EXAM
					NDF		LTE	+10.30	LTE	LTE				520HF	SPECIAL INTEREST +P
150	6	8.09	176	P 1	DNT		LTE	-11.95	LTE	UTE				510UL	510 BOBBIN EXAM
150	8		0	12	CLP		15S	-16.46	15S	15S	0.16	0.17		520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	-17.74	15S	15S	0.16	0.18		520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+4.20	15S	15S	0.11	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+3.63	15S	15S	0.16	0.13		520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+1.07	15S	15S	0.16	0.18		520HF	SPECIAL INTEREST +P
		0.17	20	P 5	VOL		15S	+4.21	15S	15S				520HF	SPECIAL INTEREST +P
		0.52	21	P 5	VOL		15S	+1.07	15S	15S				520HF	SPECIAL INTEREST +P
		0.21	9	P 5	VOL		15S	+3.11	15S	15S				520HF	SPECIAL INTEREST +P
		0.26	15	P 5	VOL		15S	-17.74	15S	15S				520HF	SPECIAL INTEREST +P
		0.30	18	P 5	VOL		15S	-16.46	15S	15S				520HF	SPECIAL INTEREST +P
		0.65	21	P 5	VOL		ETL	-11.08	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-11.08	ETL	ETL	0.18	0.18		520HF	KINETIC EXP +POINT
		2.78	175	P 1	DNT		LTE	-11.08	LTE	LTE				540HF	540 BOBBIN EXAM
		0.38	5	3	BVC		15S	-11.08	LTE	LTE				540HF	540 BOBBIN EXAM
		0.44	5	3	TWD 17		15S	-11.08	LTE	LTE				540HF	540 BOBBIN EXAM
150	11	1.44	39	P 5	PID		LTE	+0.22	LTE	LTE				520HF	LTE ROLL +POINT
		0.20	38	P 5	ARC		LTE	+0.22	LTE	LTE				520HF	LTE ROLL +POINT
		1.60	40	P 5	SCI		LTE	+0.22	LTE	LTE		LAR		520HF	LTE ROLL +POINT
150	13	2.49	171	P 1	INR		LTE	-11.08	LTE	LTE				510UL	510 BOBBIN EXAM
150	15	7.30	172	P 1	DNT		LTE	-11.08	LTE	LTE				510UL	510 BOBBIN EXAM
150	16				NDF		LTE	-11.08	LTE	LTE				520HF	SPECIAL INTEREST +P
		8.87	176	P 1	DNT		LTE	-11.08	LTE	LTE				510UL	510 BOBBIN EXAM
150	21	5.83	177	P 1	DNT		LTE	+11.08	LTE	LTE				510UL	510 BOBBIN EXAM
150	22	7.14	173	P 1	DNT		LTE	+11.08	LTE	LTE				510UL	510 BOBBIN EXAM
150	24	0.58	82	P 2	TWD 15		10S	+0.68	10S	10S	WAR			520HF	SPECIAL INTEREST +P
		0.18	16	P 5	VOL		14S	-3.50	14S	14S				520HF	SPECIAL INTEREST +P
			0	12	CLP		14S	-3.50	14S	14S	0.29	0.29		520HF	SPECIAL INTEREST +P
		0.47	9	3	TWD 30		13S	+32.56	UTE	LTE				540HF	540 BOBBIN EXAM
		0.40	77	P 1	NQI		10S	+0.68	UTE	LTE				540HF	540 BOBBIN EXAM
151	9				NDF		LTE	+11.03	LTE	LTE				520HF	SPECIAL INTEREST +P
		7.82	173	P 1	DNT		LTE	+11.03	LTE	UTE				510UL	510 BOBBIN EXAM

Total Tubes : 2158
Total Records: 6962

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island

This appendix contains all recordable indications for tubes in service prior to the 1R15 Outage. Tubes plugged based on eddy current examination results are highlighted by bold print. Indications of volumetric ID IGA are recorded with a code of "VOL". Axial and circumferential length for both ID and OD volumetric indications are recorded with a code of "CLP". Circumferential length for circumferential indications are recorded with a code of "ARC" and axial length for axial indications are recorded with a code of "LEN". "TWD" highlights a percent through wall dimension record.

Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
1	2	0.21	120	P 5	TWD 4		10S	-0.52	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
1	7	6.29	174	P 1	DNT		LTE	+11.54	LTE	UTE				540HF	540 BOBBIN EXAM
		0.32	112	P 5	TWD 7		07S	-0.62	LTE	UTE	WAR			540HF	540 BOBBIN EXAM
1	8	5.27	172	P 1	DNT		LTE	+11.82	LTE	UTE				510UL	510 BOBBIN EXAM
1	9	3.11	175	P 1	DNT		LTE	+11.96	LTE	UTE				510UL	510 BOBBIN EXAM
1	11	0.30	14	P 5	INR		UTS	+2.80	UTS	ETL				520HF	KINETIC EXP +POINT
		0.55	11	P 2	TWD 37		UTS	+2.36	UTE	LTE				540HF	540 BOBBIN EXAM
2	11	0.19	121	P 1	NQI		09S	+0.49	LTE	UTE				510UL	510 BOBBIN EXAM
		3.02	173	P 1	DNT		LTE	+10.80	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		09S	+0.49	09S	09S				520HF	SPECIAL INTEREST +P
2	23	1.36	50	P 5	PID		LTE	+0.23	LTE	LTE				520HF	LTE ROLL +POINT
		1.64	52	P 5	PID		LTE	+0.63	LTE	LTE				520HF	LTE ROLL +POINT
		0.32	59	P 5	ARC		LTE	+0.23	LTE	LTE				520HF	LTE ROLL +POINT
		1.24	38	P 5	SCI		LTE	+0.23	LTE	LTE				520HF	LTE ROLL +POINT
		0.37	68	P 5	ARC		LTE	+0.46	LTE	LTE				520HF	LTE ROLL +POINT
		1.49	55	P 5	SCI		LTE	+0.46	LTE	LTE		ID_LAR		520HF	LTE ROLL +POINT
2	25	2.01	32	P 5	VOL		ETL	+0.14	ETL	ETL	81			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.14	ETL	ETL	0.25	0.17		520HF	KINETIC EXP +POINT
		0.71	18	P 5	VOL		ETL	+1.12	ETL	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.12	ETL	ETL	0.15	0.11		520HF	KINETIC EXP +POINT
2	27	0.32	84	P 5	TWD 7		10S	+0.85	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
		0.37	99	3	NQI		15S	+45.21	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-1.17	UTS	UTS				520HF	SPECIAL INTEREST +P
3	14	0.18	66	P 5	TWD 6		07S	-0.65	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
3	15	1.66	41	P 5	SCI		LTE	+0.06	LTE	LTE				520HF	LTE ROLL +POINT
		0.30	56	P 5	ARC		LTE	+0.06	LTE	LTE				520HF	LTE ROLL +POINT
		2.71	38	P 5	PID		LTE	+0.06	LTE	LTE				520HF	LTE ROLL +POINT
3	16	2.66	173	P 1	DNT		LTE	+10.86	LTE	UTE				510UL	510 BOBBIN EXAM
3	17	4.03	178	P 1	DNT		LTE	+11.35	LTE	UTE				510UL	510 BOBBIN EXAM
3	28	1.36	9	P 4	PID		LTE	+0.28	LTE	LTE				520HF	LTE ROLL +POINT
		0.91	9	P 4	SVI		LTE	+0.28	LTE	LTE	11			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.28	LTE	LTE	0.19	0.17		520HF	LTE ROLL +POINT
3	31	0.15	42	P 1	INR		07S	-0.73	LTE	UTE				510UL	510 BOBBIN EXAM
4	1	2.91	173	P 1	DNT		LTE	+10.66	UTE	LTE				510UL	510 BOBBIN EXAM
4	2	2.37	171	P 1	INR		LTE	+10.54	UTE	LTE				510UL	510 BOBBIN EXAM
4	7	1.32	15	P 4	SVI		LTE	+0.17	LTE	LTE	20			520HF	LTE ROLL +POINT
			90	12	CLP		LTE	+0.17	LTE	LTE	0.16	0.20		520HF	LTE ROLL +POINT
		1.51	2	P 4	PID		LTE	+0.17	LTE	LTE				520HF	LTE ROLL +POINT
4	10	2.47	17	P 4	PID		LTE	+0.35	LTE	LTE				520HF	LTE ROLL +POINT
		2.39	19	P 4	SVI		LTE	+0.35	LTE	LTE	30	LAR		520HF	LTE ROLL +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		LTE	LTE	LTE	0.20		0.23		520HF	LTE ROLL +POINT
4	15	0.44	94	P 5	TWD 9	09S	+0.38	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
4	22	0.66	24	P 5	VOL	ETL	+2.18	ETL	ETL	47				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.18	ETL	ETL	0.35		0.22		520HF	KINETIC EXP +POINT
4	31	0.76	18	P 5	VOL	ETL	+1.33	ETL	ETL	27				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+1.33	ETL	ETL	0.25		0.19		520HF	KINETIC EXP +POINT
4	32	2.80	180	P 1	DNT	LTE	+8.45	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	LTE	+8.45	LTE	LTE					520HF	SPECIAL INTEREST +P
4	33	0.21	39	P 5	ARC	LTE	+0.12	LTE	LTE					520HF	LTE ROLL +POINT
		0.85	50	P 5	SCI	LTE	+0.12	LTE	LTE			LAR		520HF	LTE ROLL +POINT
		0.82	33	P 5	PID	LTE	+0.12	LTE	LTE					520HF	LTE ROLL +POINT
4	40	0.16	73	P 1	INR	10S	+0.80	LTE	UTE					510UL	510 BOBBIN EXAM
5	5	2.20	171	P 1	INR	LTE	+10.65	UTE	LTE					510UL	510 BOBBIN EXAM
5	10	6.29	7	P 4	SVI	LTE	+0.19	LTE	LTE	5				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.19	LTE	LTE	0.23		0.11		520HF	LTE ROLL +POINT
		0.83	10	P 4	PID	LTE	+0.19	LTE	LTE					520HF	LTE ROLL +POINT
5	17	0.40	95	P 5	TWD 12	09S	+0.11	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
5	36	2.45	10	2	PID	LTE	+0.20	LTE	LTE					520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.20	LTE	LTE	0.16		0.11		520HF	LTE ROLL +POINT
		2.31	20	P 4	SVI	LTE	+0.20	LTE	LTE	17		LAR		520HF	LTE ROLL +POINT
5	37	3.63	176	P 1	DNT	LTE	+11.34	LTE	UTE					510UL	510 BOBBIN EXAM
5	39	2.71	173	P 1	DNT	LTE	+10.83	LTE	UTE					510UL	510 BOBBIN EXAM
5	40	0.80	28	P 1	PID	LTE	+0.17	LTE	LTE					520HF	LTE ROLL +POINT
		0.72	39	P 5	SCI	LTE	+0.17	LTE	LTE					520HF	LTE ROLL +POINT
		0.17	32	P 5	ARC	LTE	+0.17	LTE	LTE					520HF	LTE ROLL +POINT
6	1	1.10	26	P 5	VOL	ETL	-0.68	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-0.68	UTS	ETL	0.25		0.19		520HF	KINETIC EXP +POINT
6	4	0.94	31	P 5	VOL	ETL	-2.32	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-2.32	UTS	ETL	0.25		0.19		520HF	KINETIC EXP +POINT
		1.19	8	P 2	TWD 27	UTS	+4.87	UTE	LTE					540HF	540 BOBBIN EXAM
6	5	1.11	21	P 4	PID	LTE	+0.27	LTE	LTE					520HF	LTE ROLL +POINT
		1.94	10	P 4	SVI	LTE	+0.27	LTE	LTE	51				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.27	LTE	LTE	0.20		0.23		520HF	LTE ROLL +POINT
6	6		0	12	CLP	LTE	+0.15	LTE	LTE	0.28		0.24		520HF	LTE ROLL +POINT
		0.59	6	P 4	SVI	LTE	+0.15	LTE	LTE	0				520HF	LTE ROLL +POINT
		2.96	171	P 1	DNT	LTE	+10.68	UTE	LTE					510UL	510 BOBBIN EXAM
		0.75	2	P 4	PID	LTE	+0.15	LTE	LTE					520HF	LTE ROLL +POINT
6	7	1.69	175	P 1	INR	LTE	+10.85	UTE	LTE					510UL	510 BOBBIN EXAM
6	28	1.52	10	P 4	PID	LTE	+0.27	LTE	LTE					520HF	LTE ROLL +POINT
		1.32	12	P 4	SVI	LTE	+0.27	LTE	LTE	11				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.27	LTE	LTE	0.27		0.23		520HF	LTE ROLL +POINT
6	41	0.35	11	3	BVC	13S	+12.56	UTE	LTE					540HF	540 BOBBIN EXAM
					NDF	13S	+12.56	13S	13S					520HF	SPECIAL INTEREST +P
7	13	0.80	19	P 4	SVI	LTE	+0.13	LTE	LTE	30				520HF	LTE ROLL +POINT
			90	12	CLP	LTE	+0.13	LTE	LTE	0.17		0.20		520HF	LTE ROLL +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		2.10	23	P 4	PID		LTE	+0.13	LTE	LTE				520HF	LTE ROLL +POINT
7	16	0.21	63	P 5	TWD 5	07S		+0.50	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
7	23	7.91	173	P 1	DNT		LTE	+11.11	LTE	UTE				510UL	510 BOBBIN EXAM
7	24	5.89	177	P 1	DNT		LTE	+11.75	LTE	UTE				510UL	510 BOBBIN EXAM
7	29	0.25	80	P 1	NQI	06S		+0.75	LTE	UTE				510UL	510 BOBBIN EXAM
		0.26	59	P 1	NQI	08S		+0.70	LTE	UTE				510UL	510 BOBBIN EXAM
		0.24	72	P 2	TWD 9	08S		+0.71	08S	08S	WAR			520HF	SPECIAL INTEREST +P
		0.21	84	P 2	TWD 6	06S		+0.75	06S	06S	WAR			520HF	SPECIAL INTEREST +P
7	36	1.43	14	P 4	PID		LTE	+0.29	LTE	LTE				520HF	LTE ROLL +POINT
		1.23	11	P 4	SVI		LTE	+0.29	LTE	LTE	22			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.29	LTE	LTE	0.20	0.17		520HF	LTE ROLL +POINT
7	39	0.41	61	P 5	TWD 12	04S		+0.78	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
7	40	0.23	95	P 1	NQI	09S		+0.62	LTE	UTE				510UL	510 BOBBIN EXAM
		0.19	105	P 2	TWD 6	09S		+0.66	09S	09S	WAR			520HF	SPECIAL INTEREST +P
7	43	0.48	24	P 5	VOL		ETL	+0.12	ETL	ETL	47			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.12	ETL	ETL	0.21	0.16		520HF	KINETIC EXP +POINT
7	45	0.19	110	P 5	TWD 6	09S		+0.76	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
7	54	0.13	89	P 5	TWD 3	06S		-0.18	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
8	20	0.13	134	P 5	TWD 4	09S		+0.38	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
8	24	6.80	170	P 1	DNT		LTE	+11.55	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.55	LTE	LTE				520HF	SPECIAL INTEREST +P
8	40	1.11	88	6	ADI	11S		+6.16	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	11S		+6.52	11S	11S				520HF	SPECIAL INTEREST +P
8	56	0.09	118	P 1	INR	10S		+0.41	LTE	UTE				510UL	510 BOBBIN EXAM
9	6	0.70	29	P 5	PID		LTE	+0.21	LTE	LTE				520HF	LTE ROLL +POINT
		0.19	36	P 5	ARC		LTE	+0.21	LTE	LTE				520HF	LTE ROLL +POINT
		0.56	33	P 5	SCI		LTE	+0.21	LTE	LTE				520HF	LTE ROLL +POINT
9	22	0.67	5	3	TWD 17	15S		+45.25	UTE	LTE				540HF	540 BOBBIN EXAM
					NDF	UTS		-1.13	UTS	UTS				520HF	SPECIAL INTEREST +P
9	27	10.84	176	P 1	DNT		LTE	+11.48	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.48	LTE	LTE				520HF	SPECIAL INTEREST +P
9	36	0.86	16	P 4	PID		LTE	+0.19	LTE	LTE				520HF	LTE ROLL +POINT
		0.88	11	P 4	SVI		LTE	+0.19	LTE	LTE	0			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.19	LTE	LTE	0.22	0.17		520HF	LTE ROLL +POINT
9	45	0.35	13	P 5	VOL		ETL	-1.14	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-1.14	UTS	ETL	0.20	0.19		520HF	KINETIC EXP +POINT
9	47	3.15	175	P 1	DNT		LTE	+11.15	LTE	UTE				510UL	510 BOBBIN EXAM
		0.33	41	P 5	TWD 10	09S		+0.67	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
9	52	0.14	83	P 1	NQI	09S		+0.43	LTE	UTE				510UL	510 BOBBIN EXAM
		0.21	108	P 2	TWD 6	09S		+0.42	09S	09S	WAR			520HF	SPECIAL INTEREST +P
10	21	6.58	177	P 1	DNT		LTE	+10.95	UTE	LTE				510UL	510 BOBBIN EXAM
10	22	7.59	176	P 1	DNT		LTE	+11.13	UTE	LTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	#TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
10	27	5.24	188	P 1	DNT		09S	+21.01	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		10S	-16.99	10S	10S				520HF	SPECIAL INTEREST +P
10	28	6.56	175	P 1	DNT		LTE	+11.33	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.33	LTE	LTE				520HF	SPECIAL INTEREST +P
10	30	6.18	177	P 1	DNT		LTE	+10.76	LTE	UTE				510SN	540 BOBBIN EXAM
10	34	2.36	16	P 4	PID		LTE	+0.27	LTE	LTE				520HF	LTE ROLL +POINT
		1.75	14	P 4	SVI		LTE	+0.27	LTE	LTE	22			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.27	LTE	LTE	0.25	0.17		520HF	LTE ROLL +POINT
10	44	0.70	15	P 4	PID		LTE	+0.26	LTE	LTE				520HF	LTE ROLL +POINT
		0.86	17	P 4	SVI		LTE	+0.26	LTE	LTE	17			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.26	LTE	LTE	0.25	0.17		520HF	LTE ROLL +POINT
10	59	2.16	13	P 5	PID		LTE	+0.34	LTE	LTE				520HF	LTE ROLL +POINT
		1.13	13	P 4	SVI		LTE	+0.24	LTE	LTE	15	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.24	LTE	LTE	0.17	0.19		520HF	LTE ROLL +POINT
10	65	0.32	76	3	NQI		14S	+32.59	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		15S	-2.41	15S	15S				520HF	SPECIAL INTEREST +P
11	3	3.18	182	P 1	DNT		15S	+5.52	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		15S	+5.52	15S	15S				520HF	SPECIAL INTEREST +P
11	22	4.66	178	P 1	DNT		LTE	+11.16	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.16	LTE	LTE				520HF	SPECIAL INTEREST +P
11	24	6.38	176	P 1	DNT		LTE	+11.48	UTE	LTE				510UL	510 BOBBIN EXAM
11	30	6.78	174	P 1	DNT		LTE	+11.36	LTE	UTE				510UL	510 BOBBIN EXAM
11	31	5.44	176	P 1	DNT		LTE	+10.80	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+10.80	LTE	LTE				520HF	SPECIAL INTEREST +P
11	38	0.25	97	P 5	TWD 8		03S	+0.45	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
11	68	0.70	94	3	NQI		14S	+33.49	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		15S	-1.51	15S	15S				520HF	SPECIAL INTEREST +P
12	24	5.51	177	P 1	DNT		LTE	+11.35	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.35	LTE	LTE				520HF	SPECIAL INTEREST +P
12	25	4.58	178	P 1	DNT		LTE	+11.51	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.51	LTE	LTE				520HF	SPECIAL INTEREST +P
12	34	2.22	30	P 5	SCI		ETL	+4.23	UTS	ETL	71			520HF	KINETIC EXP +POINT
		0.42	78	P 5	ARC		ETL	+4.23	UTS	ETL				520HF	KINETIC EXP +POINT
		2.80	26	P 5	SCI		ETL	+6.97	UTS	ETL	54			520HF	KINETIC EXP +POINT
		0.32	60	P 5	ARC		ETL	+6.97	UTS	ETL				520HF	KINETIC EXP +POINT
12	35	2.30	18	P 4	PID		LTE	+0.15	LTE	LTE				520HF	LTE ROLL +POINT
		2.77	18	P 4	SVI		LTE	+0.15	LTE	LTE	27	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.15	LTE	LTE	0.20	0.13		520HF	LTE ROLL +POINT
12	60	0.24	106	P 5	TWD 7		09S	+0.38	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
12	61	0.38	80	P 5	TWD 8		04S	+0.81	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
13	11	3.53	21	P 4	PID		LTE	+0.33	LTE	LTE				520HF	LTE ROLL +POINT
		3.13	24	P 4	SVI		LTE	+0.33	LTE	LTE	22	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.33	LTE	LTE	0.25	0.23		520HF	LTE ROLL +POINT
13	13	0.18	123	3	INR		15S	+41.08	UTE	LTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
13	27	1.21	22	P 5	SCI		ETL	+2.35	ETL	ETL	40			520HF	KINETIC EXP +POINT
		0.20	37	P 5	ARC		ETL	+2.35	ETL	ETL				520HF	KINETIC EXP +POINT
13	36	2.28	18	P 4	PID		LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
		1.96	16	P 4	SVI		LTE	+0.14	LTE	LTE	22			520HF	LTE ROLL +POINT
			90	12	CLP		LTE	+0.14	LTE	LTE	0.21	0.24		520HF	LTE ROLL +POINT
13	60	0.36	65	P 1	NQI		04S	+0.79	LTE	UTE				510UL	510 BOBBIN EXAM
		0.27	77	P 2	TWD 8		04S	+0.71	04S	04S	WAR			520HF	SPECIAL INTEREST +P
13	72	0.05	100	P 1	INR		12S	-0.83	LTE	UTE				510UL	510 BOBBIN EXAM
14	2	0.52	21	P 1	PID		LTE	+0.24	LTE	LTE				520HF	LTE ROLL +POINT
		0.25	46	P 5	ARC		LTE	+0.24	LTE	LTE				520HF	LTE ROLL +POINT
		0.61	28	P 5	SCI		LTE	+0.24	LTE	LTE		LAR		520HF	LTE ROLL +POINT
14	13	1.09	73	6	ADI		11S	-17.0	LTE	LTE				510UL	510 BOBBIN EXAM
					NDF		11S	-17.0	LTE	LTE				520HF	SPECIAL INTEREST +P
14	30	0.26	76	P 5	TWD 5		06S	-0.0	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
14	32	0.85	97	6	INR		11S	+34.0	LTE	LTE				510UL	510 BOBBIN EXAM
14	44	0.25	46	P 5	ARC		ETL	+4.0	ETL	ETL				520HF	KINETIC EXP +POINT
		7.13	46	P 5	SCI		ETL	+4.0	ETL	ETL	96			520HF	KINETIC EXP +POINT
14	65	0.09	106	P 5	TWD 2		09S	-0.0	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
15	20	7.31	175	P 1	DNT		LTE	-10.0	LTE	LTE				510UL	510 BOBBIN EXAM
15	21	7.72	176	P 1	DNT		LTE	+10.76	LTE	LTE				510UL	510 BOBBIN EXAM
		1.04	23	P 4	PID		LTE	+0.18	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.18	LTE	LTE	0.16	0.13		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+1.34	LTE	LTE	0.38	0.18		520HF	LTE ROLL +POINT
		0.44	24	P 4	MVI		LTE	+1.34	LTE	LTE	47	2_LAR		520HF	LTE ROLL +POINT
		0.94	23	P 4	SVI		LTE	+0.18	LTE	LTE	43	LAR		520HF	LTE ROLL +POINT
					NDF		LTE	+10.76	LTE	LTE				520HF	SPECIAL INTEREST +P
15	23	0.65	29	P 4	PID		LTE	+1.23	LTE	LTE				520HF	LTE ROLL +POINT
		0.52	29	P 4	SVI		LTE	+1.23	LTE	LTE	67			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+1.23	LTE	LTE	0.21	0.16		520HF	LTE ROLL +POINT
15	56	9.48	182	3	IDC		01S	+0.00	LTE	LTE				540HF	540 BOBBIN EXAM
		8.65	3	3	IDC		LTS	+15.00	LTE	LTE				540HF	540 BOBBIN EXAM
					NDF		01S	+0.00	LTE	LTE				520HF	SPECIAL INTEREST +P
					NDF		01S	+0.00	LTE	LTE				520HF	SPECIAL INTEREST +P
15	70	0.32	35	P 1	NQI		08S	-0.76	LTE	UTE				510UL	510 BOBBIN EXAM
		0.32	93	P 2	TWD 8		08S	-0.76	08S	08S	WAR			520HF	SPECIAL INTEREST +P
16	6	3.73	16	P 4	PID		LTE	+0.15	LTE	LTE				520HF	LTE ROLL +POINT
		2.92	17	P 4	SVI		LTE	+0.15	LTE	LTE	25	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.15	LTE	LTE	0.27	0.20		520HF	LTE ROLL +POINT
16	9	3.89	20	P 4	PID		LTE	+0.21	LTE	LTE				520HF	LTE ROLL +POINT
		1.97	22	P 4	SVI		LTE	+0.21	LTE	LTE	40	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.21	LTE	LTE	0.20	0.11		520HF	LTE ROLL +POINT
16	11	1.35	4	3	INR		15S	+28.39	UTE	LTE				540HF	540 BOBBIN EXAM
16	12	0.51	16	P 1	NQI		14S	+0.89	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		14S	+0.89	14S	14S				520HF	SPECIAL INTEREST +P
16	15	1.25	14	P 4	PID		LTE	+0.15	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.15	LTE	LTE	0.61	0.16		520HF	LTE ROLL +POINT
		1.32	12	P 4	MVI		LTE	+0.15	LTE	LTE	13	3_LAR		520HF	LTE ROLL +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
16	16	1.88	17	P 4	PID		LTE	+0.18	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.18	LTE	LTE	0.17	0.16		520HF	LTE ROLL +POINT
		2.27	22	P 4	MVI		LTE	+0.18	LTE	LTE	40	2_LAR		520HF	LTE ROLL +POINT
16	21	6.02	176	P 1	DNT		LTE	+10.37	UTE	LTE				510UL	510 BOBBIN EXAM
		3.43	24	P 4	PID		LTE	+0.17	LTE	LTE				520HF	LTE ROLL +POINT
		2.65	25	P 4	SVI		LTE	+0.17	LTE	LTE	51	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.17	LTE	LTE	0.22	0.25		520HF	LTE ROLL +POINT
16	23	7.08	173	P 1	DNT		LTE	+10.17	LTE	UTE				510UL	510 BOBBIN EXAM
16	25	1.97	13	P 4	PID		LTE	+0.19	LTE	LTE				520HF	LTE ROLL +POINT
		1.71	16	P 4	SVI		LTE	+0.19	LTE	LTE	22			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.19	LTE	LTE	0.17	0.17		520HF	LTE ROLL +POINT
16	28	0.70	2	P 4	PID		LTE	+0.16	LTE	LTE				520HF	LTE ROLL +POINT
		0.64	7	P 4	SVI		LTE	+0.16	LTE	LTE	5	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.16	LTE	LTE	0.22	0.18		520HF	LTE ROLL +POINT
16	30	0.41	180	P 4	PID		LTE	+0.15	LTE	LTE				520HF	LTE ROLL +POINT
		0.16	6	P 4	SVI		LTE	+0.15	LTE	LTE	4	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.15	LTE	LTE	0.20	0.12		520HF	LTE ROLL +POINT
16	32	1.27	13	P 4	PID		LTE	+0.22	LTE	LTE				520HF	LTE ROLL +POINT
		1.29	19	P 4	SVI		LTE	+0.22	LTE	LTE	36			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.22	LTE	LTE	0.23	0.18		520HF	LTE ROLL +POINT
16	43	0.45	77	P 5	TWD 9	04S		+0.76	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
16	55	0.64	83	6	ADI	01S		+5.06	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	01S		+5.06	01S	01S				520HF	SPECIAL INTEREST +P
16	66	0.26	151	P 5	TWD 6	10S		-0.45	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
16	76	0.24	114	P 1	NQI	15S		-0.31	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	15S		-0.31	15S	15S				520HF	SPECIAL INTEREST +P
17	2	6.28	178	P 1	DNT		LTE	+11.20	LTE	UTE				510UL	510 BOBBIN EXAM
		2.47	10	2	PID		LTE	+0.25	LTE	LTE				520HF	LTE ROLL +POINT
		2.77	23	P 4	SVI		LTE	+0.25	LTE	LTE	43	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.25	LTE	LTE	0.22	0.16		520HF	LTE ROLL +POINT
17	3	7.47	176	P 1	DNT		LTE	+11.26	LTE	UTE				510UL	510 BOBBIN EXAM
17	17	4.41	20	P 4	SVI		LTE	+0.12	LTE	LTE	33	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.12	LTE	LTE	0.22	0.18		520HF	LTE ROLL +POINT
		4.90	28	P 4	PID		LTE	+0.12	LTE	LTE				520HF	LTE ROLL +POINT
17	22	6.68	176	P 1	DNT		LTE	+10.48	UTE	LTE				510UL	510 BOBBIN EXAM
17	23	5.59	174	P 1	DNT		LTE	+10.32	LTE	UTE				510UL	510 BOBBIN EXAM
17	26	2.71	18	P 4	PID		LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
		2.59	16	P 4	SVI		LTE	+0.14	LTE	LTE	22	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.14	LTE	LTE	0.19	0.23		520HF	LTE ROLL +POINT
17	27	0.31	17	P 5	VOL		ETL	+4.73	UTS	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.73	UTS	ETL	0.15	0.14		520HF	KINETIC EXP +POINT
		9.96	45	P 5	SCI		ETL	+7.76	UTS	ETL	96			520HF	KINETIC EXP +POINT
		0.36	67	P 5	ARC		ETL	+7.76	UTS	ETL				520HF	KINETIC EXP +POINT
17	37	3.61	19	P 4	PID		LTE	+0.28	LTE	LTE				520HF	LTE ROLL +POINT
		2.99	23	P 4	SVI		LTE	+0.28	LTE	LTE	22	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.28	LTE	LTE	0.22	0.19		520HF	LTE ROLL +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
17	41	1.65	19	P 4	PID		LTE	+0.29	LTE	LTE				520HF	LTE ROLL +POINT
			0	P 4	CLP		LTE	+0.29	LTE	LTE	0.37	0.18		520HF	LTE ROLL +POINT
		2.56	16	P 4	SVI		LTE	+0.29	LTE	LTE	25	LAR		520HF	LTE ROLL +POINT
17	73	4.61	172	P 1	DNT		15S	+24.07	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-22.31	UTE	UTE				520HF	SPECIAL INTEREST +P
18	3	5.16	178	P 1	DNT		LTE	+11.27	LTE	UTE				510UL	510 BOBBIN EXAM
		0.07	13	2	PID		LTE	+0.24	LTE	LTE				520HF	LTE ROLL +POINT
		0.84	11	P 5	SVI		LTE	+0.24	LTE	LTE	11	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.24	LTE	LTE	0.21	0.20		520HF	LTE ROLL +POINT
18	5	7.13	178	P 1	DNT		LTE	+11.32	LTE	UTE				510UL	510 BOBBIN EXAM
18	9	0.35	26	P 5	SCI		LTE	+0.12	LTE	LTE				520HF	LTE ROLL +POINT
		0.17	31	P 5	ARC		LTE	+0.12	LTE	LTE				520HF	LTE ROLL +POINT
		0.51	28	P 5	PID		LTE	+0.12	LTE	LTE				520HF	LTE ROLL +POINT
18	21	0.94	20	P 4	PID		LTE	+0.12	LTE	LTE				520HF	LTE ROLL +POINT
		1.03	20	P 4	SVI		LTE	+0.12	LTE	LTE	33	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.12	LTE	LTE	0.18	0.24		520HF	LTE ROLL +POINT
18	53	0.33	71	P 5	TWD 10		04S	+0.72	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
18	85	0.20	90	P 5	NQI		10S	-0.77	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		10S	-0.77	10S	10S				520HF	SPECIAL INTEREST +P
19	4	5.19	176	P 1	DNT		LTE	+11.23	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.23	LTE	LTE				520HF	SPECIAL INTEREST +P
19	5	5.69	177	P 1	DNT		LTE	+11.46	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.46	LTE	LTE				520HF	SPECIAL INTEREST +P
19	8	5.29	175	P 1	DNT		LTE	+10.41	LTE	UTE				510UL	510 BOBBIN EXAM
		0.87	6	2	PID		LTE	+0.17	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.17	LTE	LTE	0.22	0.17		520HF	LTE ROLL +POINT
		1.29	12	P 4	SVI		LTE	+0.17	LTE	LTE	13	LAR		520HF	LTE ROLL +POINT
					NDF		LTE	+10.41	LTE	LTE				520HF	SPECIAL INTEREST +P
19	9	5.22	172	P 1	DNT		LTE	+10.34	LTE	UTE				510UL	510 BOBBIN EXAM
19	22	0.63	6	P 1	PID		LTE	+0.24	LTE	LTE	LAR			520HF	LTE ROLL +POINT
		0.91	16	P 1	SCI		LTE	+0.24	LTE	LTE				520HF	LTE ROLL +POINT
		0.21	39	P 5	ARC		LTE	+0.24	LTE	LTE				520HF	LTE ROLL +POINT
19	44				INF		15S	+42.04	UTE	LTE	HR			540HF	540 BOBBIN EXAM
		0.84	11	P 2	INR		15S	+40.26	UTE	LTE				540HF	540 BOBBIN EXAM
					NDF		UTS	-5.27	UTE	UTE				520HF	SPECIAL INTEREST +P
19	53	0.35	60	P 1	NQI		04S	+0.70	LTE	UTE				510UL	510 BOBBIN EXAM
		0.34	89	P 2	TWD 9		04S	+0.74	04S	04S	WAR			520HF	SPECIAL INTEREST +P
19	73	0.12	75	3	NQI		14S	+20.47	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		15S	-14.53	15S	15S				520HF	SPECIAL INTEREST +P
20	2	0.18	101	3	NQI		02S	+29.61	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		03S	-09.39	03S	03S				520HF	SPECIAL INTEREST +P
20	9	5.01	177	P 1	DNT		LTE	+10.51	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+10.51	LTE	LTE				520HF	SPECIAL INTEREST +P
20	11	5.32	174	P 1	DNT		LTE	+10.71	LTE	UTE				510UL	510 BOBBIN EXAM
20	23	0.35	49	P 1	NQI		03S	+0.80	LTE	UTE				510UL	510 BOBBIN EXAM
		0.23	93	P 2	TWD 5		03S	+0.76	03S	03S	WAR			520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
20	24	1.07	9	3	TWD	30	09S	+30.60	UTE	LTE				540HF	540 BOBBIN EXAM
					NDF	10S		-9.40	10S	10S				520HF	SPECIAL INTEREST +P
20	43	3.03	36	P 5	SCI		ETL	+0.88	ETL	ETL	36			520HF	KINETIC EXP +POINT
		0.43	81	P 5	ARC		ETL	+0.88	ETL	ETL				520HF	KINETIC EXP +POINT
21	1	7.52	177	P 1	DNT		LTE	+11.45	LTE	UTE				510UL	510 BOBBIN EXAM
21	8	0.96	5	3	TWD	17	05S	+13.21	UTE	LTE				540HF	540 BOBBIN EXAM
					NDF	05S		+13.21	05S	05S				520HF	SPECIAL INTEREST +P
21	10	5.17	177	P 1	DNT		LTE	+10.17	LTE	UTE				510UL	510 BOBBIN EXAM
21	11	4.22	178	P 1	DNT		LTE	+10.55	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+10.55	LTE	LTE				520HF	SPECIAL INTEREST +P
21	22	1.94	6	2	PID		LTE	+0.17	LTE	LTE				520HF	LTE ROLL +POINT
		2.40	18	P 4	SVI		LTE	+0.17	LTE	LTE	27	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.17	LTE	LTE	0.23	0.18		520HF	LTE ROLL +POINT
21	37	1.64	27	P 5	VOL		ETL	-0.30	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.30	UTS	ETL	0.34	0.15		520HF	KINETIC EXP +POINT
		0.63	18	P 5	VOL		ETL	+2.43	UTS	ETL	27			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.43	UTS	ETL	0.20	0.15		520HF	KINETIC EXP +POINT
		0.64	12	P 5	VOL		ETL	+3.14	UTS	ETL	13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.14	UTS	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
		0.65	8	P 5	VOL		ETL	+3.62	UTS	ETL	17			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.62	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.71	19	P 5	VOL		ETL	+3.78	UTS	ETL	11			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.78	UTS	ETL	0.15	0.10		520HF	KINETIC EXP +POINT
		0.70	12	P 5	VOL		ETL	+3.85	UTS	ETL	6			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.85	UTS	ETL	0.15	0.15		520HF	KINETIC EXP +POINT
21	39	2.22	180	P 1	INR		08S	+5.60	LTE	UTE				510UL	510 BOBBIN EXAM
21	41	6.05	24	P 4	PID		LTE	+0.32	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.32	LTE	LTE	0.16	0.18		520HF	LTE ROLL +POINT
		4.45	28	P 4	SVI		LTE	+0.32	LTE	LTE	63	LAR		520HF	LTE ROLL +POINT
21	44	0.81	29	P 5	SVI		LTE	+0.22	LTE	LTE	67			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.22	LTE	LTE	0.15	0.17		520HF	LTE ROLL +POINT
		0.63	30	P 4	PID		LTE	+0.22	LTE	LTE				520HF	LTE ROLL +POINT
22	1	6.80	176	P 1	DNT		LTE	+11.49	LTE	UTE				510UL	510 BOBBIN EXAM
22	3	7.02	179	P 1	DNT		LTE	+10.89	LTE	UTE				510UL	510 BOBBIN EXAM
22	4	0.60	8	P 5	VOL		ETL	+3.14	ETL	ETL	6			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.79	ETL	ETL	0.15	0.28		520HF	KINETIC EXP +POINT
		0.43	20	P 5	VOL		ETL	+1.79	ETL	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.14	ETL	ETL	0.20	0.14		520HF	KINETIC EXP +POINT
22	9	1.97	10	2	PID		LTE	+0.18	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.18	LTE	LTE	0.26	0.18		520HF	LTE ROLL +POINT
		1.83	18	P 4	SVI		LTE	+0.18	LTE	LTE	27	LAR		520HF	LTE ROLL +POINT
22	22	1.11	25	P 5	VOL		ETL	-4.74	UTS	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-4.74	UTS	ETL	0.20	0.19		520HF	KINETIC EXP +POINT
		0.30	15	P 2	BVC		UTS	+3.14	UTE	LTE				540HF	540 BOBBIN EXAM
22	40	1.11	17	P 5	SVI		LTE	+0.14	LTE	LTE	25			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.14	LTE	LTE	.19	.16		520HF	LTE ROLL +POINT
		0.77	16	P 4	PID		LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
22	50	0.38	76	P 1	NQI		04S	+0.77	LTE	UTE				510UL	510 BOBBIN EXAM
		1.41	12	P 5	SVI		LTE	+0.17	LTE	LTE	13			520HF	LTE ROLL +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.53	0	12	CLP		LTE	+0.17	LTE	LTE	0.19	0.19		520HF	LTE ROLL +POINT
		0.35	21	P 4	PID		LTE	+0.17	LTE	LTE				520HF	LTE ROLL +POINT
			56	P 2	TWD 10	04S		+0.73	04S	04S	WAR			520HF	SPECIAL INTEREST +P
22	59	4.07	21	2	PID		LTE	+0.23	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.23	LTE	LTE	0.17	0.19		520HF	LTE ROLL +POINT
		3.09	30	P 4	SVI		LTE	+0.23	LTE	LTE	71	LAR		520HF	LTE ROLL +POINT
22	70	0.87	81	6	ADI		15S	+27.31	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-19.07	UTS	UTS				520HF	SPECIAL INTEREST +P
22	83	0.19	67	P 1	NQI		04S	+0.79	LTE	UTE				510UL	510 BOBBIN EXAM
		0.25	84	P 2	TWD 6		04S	+0.79	04S	04S	WAR			520HF	SPECIAL INTEREST +P
22	90	0.53	41	P 5	SCI		LTE	+0.09	LTE	LTE				520HF	LTE ROLL +POINT
		0.22	43	P 5	ARC		LTE	+0.09	LTE	LTE				520HF	LTE ROLL +POINT
		0.36	24	P 1	PID		LTE	+0.09	LTE	LTE				520HF	LTE ROLL +POINT
23	2	5.05	177	P 1	DNT		LTE	+10.94	LTE	UTE				510UL	510 BOBBIN EXAM
23	4	3.34	12	2	PID		LTE	+0.19	LTE	LTE				520HF	LTE ROLL +POINT
		3.07	23	P 4	SVI		LTE	+0.19	LTE	LTE	43	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.19	LTE	LTE	0.22	0.21		520HF	LTE ROLL +POINT
23	32	1.16	18	P 4	PID		LTE	+0.20	LTE	LTE				520HF	LTE ROLL +POINT
		1.25	14	P 4	SVI		LTE	+0.20	LTE	LTE	17	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.20	LTE	LTE	0.16	0.15		520HF	LTE ROLL +POINT
23	42	1.17	84	6	ADI		15S	+42.58	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-3.79	UTS	UTS				520HF	SPECIAL INTEREST +P
23	89	0.18	68	P 5	TWD 3		09S	+0.42	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
24	2	0.91	25	P 5	VOL		ETL	+1.64	ETL	ETL	51			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.64	ETL	ETL	0.20	0.14		520HF	KINETIC EXP +POINT
		20.70	44	P 5	SCI		ETL	+3.34	ETL	ETL	96			520HF	KINETIC EXP +POINT
		0.33	61	P 5	ARC		ETL	+3.34	ETL	ETL				520HF	KINETIC EXP +POINT
24	15	4.61	14	2	PID		LTE	+0.17	LTE	LTE				520HF	LTE ROLL +POINT
		4.69	18	2	SAI		LTE	+0.17	LTE	LTE	0.24	LAR		520HF	LTE ROLL +POINT
		0.16		2	LEN		LTE	+0.17	LTE	LTE				520HF	LTE ROLL +POINT
24	69	5.20	181	P 1	DNT		06S	+36.95	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		07S	-2.05	07S	07S				520HF	SPECIAL INTEREST +P
24	89	0.13	110	P 1	NQI		07S	-0.38	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		07S	-0.38	07S	07S				520HF	SPECIAL INTEREST +P
25	5	4.41	176	P 1	DNT		LTE	+11.24	LTE	UTE				510UL	510 BOBBIN EXAM
25	9	5.93	175	P 1	DNT		LTE	+9.90	LTE	UTE				510UL	510 BOBBIN EXAM
25	10	6.74	175	P 1	DNT		LTE	+10.06	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+10.06	LTE	LTE				520HF	SPECIAL INTEREST +P
25	24				NDF		07S	-13.57	07S	07S				520HF	SPECIAL INTEREST +P
		0.97	6	3	TWD 20		06S	+25.50	LTE	UTE				540HF	540 BOBBIN EXAM
		1.29	6	3	TWD 20		06S	+25.43	LTE	UTE				510UL	510 BOBBIN EXAM
25	93	0.31	109	P 5	TWD 8		09S	+0.36	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
		0.11	65	P 5	TWD 3		09S	-0.41	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
26	1	3.31	85	6	ADI		02S	+23.63	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		03S	-15.37	03S	03S				520HF	SPECIAL INTEREST +P
26	4	1.97	16	P 5	SVI		LTE	+0.09	LTE	LTE	22			520HF	LTE ROLL +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHK	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		LTE	+0.09	LTE	LTE	0.17	0.15		520HF	LTE ROLL +POINT
		2.93	175	P 1	DNT		LTE	+10.72	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+10.72	LTE	LTE				520HF	SPECIAL INTEREST +P
		0.82	18	P 5	PID		LTE	+0.09	LTE	LTE				520HF	LTE ROLL +POINT
26	9	4.64	176	P 1	DNT		LTE	+9.89	LTE	UTE				510UL	510 BOBBIN EXAM
26	19	5.44	46	P 5	SCI		ETL	+1.80	ETL	ETL	96			520HF	KINETIC EXP +POINT
		0.54	100	P 5	ARC		ETL	+1.80	ETL	ETL				520HF	KINETIC EXP +POINT
		1.42	17	P 5	VOL		ETL	+4.06	ETL	ETL	25			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.06	ETL	ETL	0.26	0.27		520HF	KINETIC EXP +POINT
26	31	0.20	97	3	NQI	07S		+17.11	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	07S		-17.11	LTE	UTE				520HF	SPECIAL INTEREST +P
26	32	0.15	85	3	NQI	03S		-17.11	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	03S		-17.11	LTE	UTE				520HF	SPECIAL INTEREST +P
26	47	3.45	167	P 1	DNT		LTE	+8.11	LTE	UTE				510UL	510 BOBBIN EXAM
		0.18	117	3	INR	15S		+8.11	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	LTE		+8.11	LTE	UTE				520HF	SPECIAL INTEREST +P
26	54	3.52	42	P 5	SCI		ETL	+8.11	ETL	ETL	96			520HF	KINETIC EXP +POINT
		0.35	65	P 5	ARC		ETL	+8.11	ETL	ETL				520HF	KINETIC EXP +POINT
		2.65	38	P 5	SCI		ETL	+8.11	ETL	ETL	99			520HF	KINETIC EXP +POINT
		0.32	60	P 5	ARC		ETL	+8.11	ETL	ETL				520HF	KINETIC EXP +POINT
		0.60	16	P 5	VOL		ETL	+8.11	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+8.11	ETL	ETL	0.20	0.14		520HF	KINETIC EXP +POINT
26	63	2.33	175	P 1	INR		LTE	+8.11	LTE	UTE				510UL	510 BOBBIN EXAM
26	67	0.51	73	6	ADI	15S		+8.11	LTE	UTE				510UL	510 BOBBIN EXAM
		0.25	77	P 2	NQI	LTE		+8.11	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	UTS		+8.11	LTE	UTE				520HF	SPECIAL INTEREST +P
					NDF	LTE		+8.11	LTE	UTE				520HF	SPECIAL INTEREST +P
26	71	0.38	139	3	NQI	02S		+19.57	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	03S		-19.57	LTE	UTE				520HF	SPECIAL INTEREST +P
26	94	2.08	167	P 1	INR	07S		+20.44	LTE	UTE				510UL	510 BOBBIN EXAM
26	97	0.23	116	P 5	NQI	11S		-0.88	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	11S		-0.88	LTE	UTE				520HF	SPECIAL INTEREST +P
27	4	1.02	5	2	PID		LTE	+0.16	LTE	LTE				520HF	LTE ROLL +POINT
		0.17	0	2	LEN		LTE	+0.16	LTE	LTE				520HF	LTE ROLL +POINT
		1.07	16	2	SAI		LTE	+0.16	LTE	LTE	LAR			520HF	LTE ROLL +POINT
27	10	5.11	175	P 1	DNT		LTE	+10.43	LTE	UTE				510UL	510 BOBBIN EXAM
27	11	6.14	176	P 1	DNT		LTE	+10.06	LTE	UTE				510UL	510 BOBBIN EXAM
		2.54	178	P 1	DNT	02S		+16.83	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	02S		+16.83	LTE	UTE				520HF	SPECIAL INTEREST +P
					NDF	LTE		+10.06	LTE	UTE				520HF	SPECIAL INTEREST +P
27	35	0.44	68	P 5	TWD	11	08S	+0.78	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
27	48	0.23	103	3	NQI	15S		+2.63	LTE	UTE				510UL	510 BOBBIN EXAM
		3.71	178	P 1	DNT	04S		+25.21	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	15S		+2.63	LTE	UTE				520HF	SPECIAL INTEREST +P
					NDF	05S		-13.79	LTE	UTE				520HF	SPECIAL INTEREST +P
27	63		0	12	CLP		LTE	+5.25	LTE	LTE	0.10	0.11		520HF	LTE ROLL +POINT
		0.25	13	P 4	VOL		LTE	+5.25	LTE	LTE				520HF	LTE ROLL +POINT
27	79	0.15	109	P 1	NQI	07S		-0.54	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
					NDF		07S	-0.54	07S	07S				520HF	SPECIAL INTEREST +P
27	88	0.21	82	P 5	TWD 5		07S	-0.16	LTE	UTE				510UL	510 BOBBIN EXAM
28	4	5.56	177	P 1	DNT		LTE	+10.85	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+10.85	LTE	LTE				520HF	SPECIAL INTEREST +P
28	5	1.95	22	P 1	PID		LTE	+0.25	LTE	LTE				520HF	LTE ROLL +POINT
		0.51	90	P 5	ARC		LTE	+0.25	LTE	LTE				520HF	LTE ROLL +POINT
		0.97	43	P 5	SCI		LTE	+0.25	LTE	LTE		LAR		520HF	LTE ROLL +POINT
		0.18	104	P 5	TWD 4		10S	+0.61	LTE	UTE				510UL	510 BOBBIN EXAM
		5.09	178	P 1	DNT		LTE	+11.00	LTE	UTE				510UL	510 BOBBIN EXAM
28	41	0.19	102	3	NQI		LTS	+1.88	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	+1.92	LTS	LTS				520HF	SPECIAL INTEREST +P
28	47	0.24	136	3	NQI		15S	+2.19	LTE	UTE				510UL	510 BOBBIN EXAM
		0.21	121	3	NQI		15S	+2.62	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		15S	+2.19	15S	15S				520HF	SPECIAL INTEREST +P
28	48	0.26	116	3	NQI		15S	+2.56	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		15S	+2.56	15S	15S				520HF	SPECIAL INTEREST +P
28	80	0.22	121	P 1	NQI		07S	-0.56	LTE	UTE				510UL	510 BOBBIN EXAM
		0.31	86	P 2	TWD 8		07S	-0.56	07S	07S				520HF	SPECIAL INTEREST +P
28	88	0.20	99	P 5	TWD 6		07S	+0.56	LTE	UTE				510UL	510 BOBBIN EXAM
28	95	3.65	180	P 1	DNT		12S	+15.52	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		12S	-15.52	12S	12S				520HF	SPECIAL INTEREST +P
29	7	7.08	178	P 1	DNT		LTE	+10.73	LTE	UTE				510UL	510 BOBBIN EXAM
29	19	1.12	5	3	TWD 17		05S	+9.02	UTE	LTE				540HF	540 BOBBIN EXAM
					NDF		05S	+9.00	05S	05S				520HF	SPECIAL INTEREST +P
29	21	2.71	185	P 1	DNT		13S	+15.78	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		13S	+15.78	13S	13S				520HF	SPECIAL INTEREST +P
29	22	2.42	64	6	ADI		01S	+26.51	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		02S	-11.49	02S	02S				520HF	SPECIAL INTEREST +P
29	31	0.12	74	P 5	NQI		04S	-0.79	LTE	UTE				510UL	510 BOBBIN EXAM
		0.14	93	P 2	TWD 3		04S	-0.74	04S	04S				520HF	SPECIAL INTEREST +P
29	42	0.18	76	3	NQI		15S	+4.68	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		15S	+4.68	15S	15S				520HF	SPECIAL INTEREST +P
29	64	0.22	116	3	NQI		15S	+41.76	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-4.62	UTS	UTS				520HF	SPECIAL INTEREST +P
29	93	0.11	95	P 1	NQI		07S	-0.31	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		07S	-0.31	07S	07S				520HF	SPECIAL INTEREST +P
29	94	0.29	54	P 5	ARC		LTE	+0.16	LTE	LTE				520HF	LTE ROLL +POINT
		0.52	41	P 5	SCI		LTE	+0.16	LTE	LTE		LAR		520HF	LTE ROLL +POINT
		0.40	12	P 1	PID		LTE	+0.16	LTE	LTE				520HF	LTE ROLL +POINT
30	6	5.00	180	P 1	DNT		LTE	+10.75	LTE	UTE				510UL	510 BOBBIN EXAM
30	7	6.64	177	P 1	DNT		LTE	+11.30	LTE	UTE				510UL	510 BOBBIN EXAM
30	13	1.11	6	3	TWD 20		15S	+44.97	UTE	LTE				540HF	540 BOBBIN EXAM
		1.19	23	P 5	VOL		UTS	-1.31	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-1.31	UTS	UTS	0.22	0.16		520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
30	54	2.26	15	P 4	PID		LTE	+0.19	LTE	LTE				520HF	LTE ROLL +POINT
		2.38	25	P 4	SVI		LTE	+0.19	LTE	LTE	51			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.19	LTE	LTE	0.09	0.11		520HF	LTE ROLL +POINT
30	64	0.35	65	P 5	ARC		ETL	+8.17	UTS	ETL				520HF	KINETIC EXP +POINT
		13.40	44	P 5	SCI		ETL	+8.17	UTS	ETL	97			520HF	KINETIC EXP +POINT
30	71	0.61	8	3	TWD 27	15S		+32.70	UTE	LTE				540HF	540 BOBBIN EXAM
		0.46	8	P 5	VOL		UTS	-13.34	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-13.34	UTS	UTS	0.22	0.14		520HF	SPECIAL INTEREST +P
		0.65	12	P 5	VOL		UTS	-13.87	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-13.87	UTS	UTS	0.22	0.18		520HF	SPECIAL INTEREST +P
30	90	0.17	105	P 5	TWD 5	07S		-0.40	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
31	6	0.34	109	P 5	TWD 9	10S		+0.69	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
31	7	0.30	44	P 1	NQI	09S		-0.29	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	09S		-0.29	09S	09S				520HF	SPECIAL INTEREST +P
31	18	0.38	16	P 5	VOL		ETL	+6.43	ETL	ETL	22			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+6.43	ETL	ETL	0.20	0.14		520HF	KINETIC EXP +POINT
		14.37	46	P 5	SCI		ETL	+8.62	ETL	ETL	96			520HF	KINETIC EXP +POINT
		0.27	51	P 5	ARC		ETL	+8.62	ETL	ETL				520HF	KINETIC EXP +POINT
		13.21	47	P 5	PID		ETL	+8.62	UTS	ETL				520HF	KINETIC EXP +POINT
31	38	0.23	4	P 5	VOL		ETL	-0.70	ETL	ETL				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.70	ETL	ETL	0.09	0.13		520HF	KINETIC EXP +POINT
31	57	0.26	76	3	NQI	02S		+24.68	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	03S		-14.32	03S	03S				520HF	SPECIAL INTEREST +P
31	103	0.32	96	P 5	TWD 8	12S		-0.80	UTE	LTE	WAR			540HF	540 BOBBIN EXAM
		0.22	133	P 1	NQI	11S		+0.54	UTE	LTE				540HF	540 BOBBIN EXAM
		0.43	102	P 1	NQI	14S		+0.58	UTE	LTE				540HF	540 BOBBIN EXAM
		0.22	68	P 1	NQI	11S		-0.82	UTE	LTE				540HF	540 BOBBIN EXAM
		0.58	0	P 2	TWD 14	14S		+0.52	14S	14S	WAR			520HF	SPECIAL INTEREST +P
					NDF	11S		+0.54	11S	11S				520HF	SPECIAL INTEREST +P
					NDF	11S		-0.82	11S	11S				520HF	SPECIAL INTEREST +P
32	29	7.43	175	P 1	DNT		LTE	+10.74	LTE	UTE				510UL	510 BOBBIN EXAM
32	30	5.97	175	P 1	DNT		LTE	+11.25	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.25	LTE	LTE				520HF	SPECIAL INTEREST +P
32	42	2.53	188	P 1	DNT		UTS	-1.05	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-1.05	UTS	UTS				520HF	SPECIAL INTEREST +P
32	56	3.24	175	P 1	DNT	15S		+24.50	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	UTS		-21.88	UTS	UTS				520HF	SPECIAL INTEREST +P
32	59	2.59	175	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
32	62	2.62	170	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
32	77	0.20	97	P 5	NQI	15S		-0.54	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	15S		-0.54	15S	15S				520HF	SPECIAL INTEREST +P
32	82	0.27	80	3	NQI	11S		+19.98	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	12S		-18.02	12S	12S				520HF	SPECIAL INTEREST +P
32	104	0.28	93	P 1	NQI	11S		-0.75	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF	11S		-0.75	11S	11S				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
32	106	0.25	94	P 1	NQI		12S	-0.74	UTE	LTE				510UL	510 BOBBIN EXAM
		0.23	94	P 1	NQI		11S	-0.85	UTE	LTE				510UL	510 BOBBIN EXAM
		0.33	71	P 2	TWD 16		12S	-0.77	12S	12S	WAR			520HF	SPECIAL INTEREST +P
					NDF		11S	-0.85	11S	11S				520HF	SPECIAL INTEREST +P
33	4	0.18	98	P 5	NQI		10S	+0.60	LTE	UTE				510UL	510 BOBBIN EXAM
		0.21	104	P 2	TWD 4		10S	+0.62	10S	10S	WAR			520HF	SPECIAL INTEREST +P
33	14	7.45	48	P 5	SCI		ETL	+1.19	ETL	ETL	96			520HF	KINETIC EXP +POINT
		0.40	75	P 5	ARC		ETL	+1.19	ETL	ETL				520HF	KINETIC EXP +POINT
33	18	7.07	176	P 1	DNT		LTE	+11.35	LTE	UTE				510UL	510 BOBBIN EXAM
		0.26	111	3	NQI		15S	+2.28	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		15S	+2.28	15S	15S				520HF	SPECIAL INTEREST +P
33	19	6.16	176	P 1	DNT		LTE	+10.85	LTE	UTE				510UL	510 BOBBIN EXAM
		0.27	87	3	NQI		15S	+2.25	LTE	UTE				510UL	510 BOBBIN EXAM
		1.94	34	P 5	SCI		ETL	+1.85	ETL	ETL	54			520HF	KINETIC EXP +POINT
		0.28	51	P 5	ARC		ETL	+1.85	ETL	ETL				520HF	KINETIC EXP +POINT
					NDF		15S	+2.25	15S	15S				520HF	SPECIAL INTEREST +P
33	23	10.67	28	2	PID		LTE	+0.01	LTE	LTE				520HF	LTE ROLL +POINT
		0.30			LEN		LTE	+0.01	LTE	LTE				520HF	LTE ROLL +POINT
		3.35	30	2	SAI		LTE	+0.01	LTE	LTE	0.29	LAR		520HF	LTE ROLL +POINT
33	29	4.85	174	P 1	DNT		LTE	+10.88	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+10.88	LTE	LTE				520HF	SPECIAL INTEREST +P
33	31	6.03	178	P 1	DNT		LTE	+10.86	LTE	UTE				510UL	510 BOBBIN EXAM
33	58	0.52	83	P 5	TWD 10		04S	+0.69	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
33	105	0.34	93	P 5	TWD 8		11S	-0.72	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
33	107	0.47	82	P 5	TWD 10		11S	-0.80	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
34	9	0.16	68	P 5	INR		ETL	-0.44	UTS	ETL				520HF	KINETIC EXP +POINT
34	18	5.33	177	P 1	DNT		LTE	+10.97	LTE	UTE				510UL	510 BOBBIN EXAM
34	20	6.37	175	P 1	DNT		LTE	+10.78	LTE	UTE				510UL	510 BOBBIN EXAM
34	26	1.53	90	6	ADI		LTS	+22.95	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	+23.91	LTS	LTS				520HF	SPECIAL INTEREST +P
34	29	3.02	188	P 1	DNT		02S	+0.86	LTE	UTE				510UL	510 BOBBIN EXAM
		6.10	175	P 1	DNT		LTE	+10.72	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		02S	+0.86	02S	02S				520HF	SPECIAL INTEREST +P
34	30	5.52	176	P 1	DNT		LTE	+10.95	LTE	UTE				510UL	510 BOBBIN EXAM
34	32	3.39	94		INR		04S	+30.66	LTE	UTE				510UL	510 BOBBIN EXAM
34	103	0.22	58	P 5	NQI		09S	-0.76	UTE	LTE				510UL	510 BOBBIN EXAM
		0.35	93	P 2	TWD 9		09S	-0.67	09S	09S	WAR			520HF	SPECIAL INTEREST +P
34	104	0.30	119	P 5	TWD 7		08S	+0.58	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
34	106	0.23	96	P 5	TWD 5		11S	-0.75	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
35	19	7.54	46	P 5	SCI		ETL	+7.74	UTS	ETL	96			520HF	KINETIC EXP +POINT
		0.23	42	P 5	ARC		ETL	+7.74	UTS	ETL				520HF	KINETIC EXP +POINT
		6.60	176	P 1	DNT		LTE	+11.17	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
35	72	0.94	15	P 5	VOL		ETL -1.41	UTS	ETL					520HF	KINETIC EXP +POINT
		0.23	29	P 5	VOL		ETL -1.17	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -1.17	UTS	ETL	0.13	0.19			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -0.25	UTS	ETL	0.22	0.19			520HF	KINETIC EXP +POINT
		0.53	21	P 5	VOL		ETL -0.25	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP		ETL +0.21	UTS	ETL	0.09	0.13			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL -1.41	UTS	ETL	0.22	0.25			520HF	KINETIC EXP +POINT
		0.32	13	P 5	VOL		ETL +0.21	UTS	ETL	15				520HF	KINETIC EXP +POINT
35	93	5.20	15	2	PID		LTE +0.11	LTE	LTE					520HF	LTE ROLL +POINT
			0	12	CLP		LTE +0.11	LTE	LTE	0.16	0.19			520HF	LTE ROLL +POINT
		2.99	29	P 4	SVI		LTE +0.11	LTE	LTE	67	LAR			520HF	LTE ROLL +POINT
35	105	0.27	92	P 1	NQI		11S -0.78	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF		11S -0.78	11S	11S					520HF	SPECIAL INTEREST +P
35	106	0.26	93	P 1	NQI		12S -0.83	UTE	LTE					510UL	510 BOBBIN EXAM
		0.34	88	P 2	TWD 9		12S -0.71	12S	12S	WAR				520HF	SPECIAL INTEREST +P
36	1	0.25	56	P 5	TWD 5		10S -0.74	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
36	51	0.70	20	P 5	SCI		ETL +0.97	ETL	ETL	33				520HF	KINETIC EXP +POINT
		0.18	33	P 5	ARC		ETL +0.97	ETL	ETL					520HF	KINETIC EXP +POINT
36	65	4.38	174	P 1	DNT		LTE +11.09	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF		LTE +11.09	LTE	LTE					520HF	SPECIAL INTEREST +P
36	66	3.03	176	P 1	DNT		LTE +11.16	LTE	UTE					510UL	510 BOBBIN EXAM
36	97	3.65	19	2	PID		LTE +0.10	LTE	LTE					520HF	LTE ROLL +POINT
			0	12	CLP		LTE +0.10	LTE	LTE	0.15	0.11			520HF	LTE ROLL +POINT
		2.93	26	P 4	SVI		LTE +0.10	LTE	LTE	54	LAR			520HF	LTE ROLL +POINT
36	110	0.37	83	P 1	NQI		11S -0.83	UTE	LTE					510UL	510 BOBBIN EXAM
		0.31	89	P 2	TWD 8		11S -0.76	11S	11S	WAR				520HF	SPECIAL INTEREST +P
36	111	0.39	70	P 5	TWD 9		12S -0.80	UTE	LTE	WAR				510UL	510 BOBBIN EXAM
		1.12	87	P 5	TWD 21		11S -0.18	UTE	LTE	WAR				510UL	510 BOBBIN EXAM
36	112	0.23	92	P 1	INR		11S -0.74	UTE	LTE					510UL	510 BOBBIN EXAM
		0.94	70	P 5	SCI		LTE +0.47	LTE	LTE					520HF	LTE ROLL +POINT
		0.23	42	P 5	ARC		LTE +0.47	LTE	LTE					520HF	LTE ROLL +POINT
		0.75	45	P 1	PID		LTE +0.47	LTE	LTE					520HF	LTE ROLL +POINT
37	31	1.69	30	P 5	SCI		ETL +6.89	UTS	ETL	71				520HF	KINETIC EXP +POINT
		0.25	46	P 5	ARC		ETL +6.89	UTS	ETL					520HF	KINETIC EXP +POINT
		7.61	48	P 5	SCI		ETL +10.07	UTS	ETL	95				520HF	KINETIC EXP +POINT
		0.55	102	P 5	ARC		ETL +10.07	UTS	ETL					520HF	KINETIC EXP +POINT
37	40	0.14	69	3	NQI		LTS +23.03	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF		01S -22.97	01S	01S					520HF	SPECIAL INTEREST +P
37	41	5.29	22	2	PID		LTE +0.19	LTE	LTE					520HF	LTE ROLL +POINT
		3.50	22	2	SAI		LTE +0.19	LTE	LTE	0.26				520HF	LTE ROLL +POINT
		0.15	0	2	LEN		LTE +0.19	LTE	LTE					520HF	LTE ROLL +POINT
37	43	0.37	23	P 4	PID		LTE +0.91	LTE	LTE					520HF	LTE ROLL +POINT
		0.45	31	P 4	SVI		LTE +0.91	LTE	LTE	76				520HF	LTE ROLL +POINT
			0	P 4	CLP		LTE +0.91	LTE	LTE	0.17	0.10			520HF	LTE ROLL +POINT
37	91	0.94	4		INR		15S +32.90	UTE	LTE					540HF	540 BOBBIN EXAM
					NDF		UTS -15.41	UTS	UTS					520HF	SPECIAL INTEREST +P
		1.12	20	P 5	VOL		UTS -13.46	UTS	UTS					520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS -13.46	UTS	UTS	0.22	0.16			520HF	SPECIAL INTEREST +P
37	101	1.50	26	P 5	SVI		LTE +0.19	LTE	LTE	54				520HF	LTE ROLL +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island

Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		LTE	+0.19						520HF	LTE ROLL +POINT
		0.71	25	2	PID		LTE	+0.19						520HF	LTE ROLL +POINT
37	106	0.31	97	P 5	TWD 7		11S	-0.80	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
37	107	0.16	93	P 1	NQI		08S	+0.62	UTE	LTE				510UL	510 BOBBIN EXAM
		0.25	103	P 2	TWD 7		08S	+0.65	08S	08S	WAR			520HF	SPECIAL INTEREST +P
37	110	0.31	91	P 5	TWD 7		11S	-0.75	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
37	111	0.72	82	P 5	TWD 15		11S	-0.77	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
		0.32	67	P 5	TWD 7		12S	-0.71	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
		0.48	94	P 5	TWD 10		13S	+0.57	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
37	112	2.64	181	P 1	DNT		05S	+12.74	UTE	LTE				510UL	510 BOBBIN EXAM
		0.31	73	P 1	NQI		11S	-0.87	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		11S	-0.87	UTE	LTE				520HF	SPECIAL INTEREST +P
					NDF		05S	-12.74	UTE	LTE				520HF	SPECIAL INTEREST +P
38	9	6.81	176	P 1	DNT		LTE	-12.74	UTE	LTE				510UL	510 BOBBIN EXAM
38	11	0.59	144	P 5	TWD 10		09S	-0.87	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
38	60	0.77	64	P 5	TWD 20		07S	-0.87	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
38	61	0.21	56	P 1	NQI		06S	-0.87	UTE	LTE				510UL	510 BOBBIN EXAM
		0.23	99	P 2	TWD 7		06S	-0.87	UTE	LTE	WAR			520HF	SPECIAL INTEREST +P
38	102	1.65	84	6	ADI		12S	-12.74	UTE	LTE				510UL	510 BOBBIN EXAM
		1.24	87	6	ADI		09S	-12.74	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		13S	-12.74	UTE	LTE				520HF	SPECIAL INTEREST +P
					NDF		09S	-12.74	UTE	LTE				520HF	SPECIAL INTEREST +P
38	105	0.07	120	P 2	NQI		07S	-0.87	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		07S	-0.87	UTE	LTE				520HF	SPECIAL INTEREST +P
38	111	0.32	73	P 1	NQI		11S	-0.87	UTE	LTE				510UL	510 BOBBIN EXAM
		0.16	106	P 2	TWD 5		11S	-0.87	UTE	LTE	WAR			520HF	SPECIAL INTEREST +P
38	112	0.83	89	P 5	TWD 17		11S	-0.87	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
38	114	0.32	86	P 5	TWD 7		11S	-0.87	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
		0.21	83	P 1	NQI		12S	-0.87	UTE	LTE				510UL	510 BOBBIN EXAM
		0.49	92	P 2	TWD 12		12S	-0.70	UTE	LTE	WAR			520HF	SPECIAL INTEREST +P
38	115	0.53	31	P 5	SCI		LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
		0.18	33	P 5	ARC		LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
		0.62	39	P 5	PID		LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
39	8	6.95	175	P 1	DNT		LTE	+9.73	LTE	UTE				510UL	510 BOBBIN EXAM
39	10	6.74	177	P 1	DNT		LTE	+9.95	LTE	UTE				510UL	510 BOBBIN EXAM
39	20	2.48	172	P 1	INR		LTE	+10.90	LTE	UTE				510UL	510 BOBBIN EXAM
39	61	7.77	172	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
39	62	16.66	174	P 1	DNT		LTS	-0.22	LTE	UTE				510UL	510 BOBBIN EXAM
39	63	5.05	174	P 1	DNT		LTS	-0.22	LTE	UTE				510UL	510 BOBBIN EXAM
39	66	0.17	47	P 1	NQI		14S	-0.78	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		14S	-0.78	14S	14S				520HF	SPECIAL INTEREST +P
39	71	0.07	94	P 1	INR		06S	+0.72	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	1TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
39	82	7.77	176	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
39	83	16.81	166	P 1	DNT		LTS	-0.51	LTE	UTE				510UL	510 BOBBIN EXAM
39	84	4.05	173	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
39	114	0.26	80	P 1	NQI		11S	-0.79	UTE	LTE				510UL	510 BOBBIN EXAM
		0.22	82	P 1	NQI		12S	-0.79	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		12S	-0.79	12S	12S				520HF	SPECIAL INTEREST +P
		0.22	97	P 2	TWD 6		11S	-0.75	11S	11S	WAR			520HF	SPECIAL INTEREST +P
39	115	0.53	92	P 5	TWD 12		11S	-0.76	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
		0.21	102	P 5	TWD 5		12S	-0.77	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
		0.29	102	P 1	NQI		13S	+0.67	UTE	LTE				510UL	510 BOBBIN EXAM
		0.46	51	P 2	TWD 12		13S	+0.54	13S	13S	WAR			520HF	SPECIAL INTEREST +P
40	8	0.65	14	P 5	PID		LTE	+1.17	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+1.17	LTE	LTE	0.23	0.21		520HF	LTE ROLL +POINT
		0.54	22	P 5	SVI		LTE	+1.17	LTE	LTE	40			520HF	LTE ROLL +POINT
40	9	7.50	177	P 1	DNT		LTE	+9.94	LTE	UTE				510UL	510 BOBBIN EXAM
40	10	6.80	176	P 1	DNT		LTE	+9.77	LTE	UTE				510UL	510 BOBBIN EXAM
40	30	1.03	5	3	TWD 17		14S	+14.55	UTE	LTE				540HF	540 BOBBIN EXAM
		0.32	30	P 5	VOL		14S	+14.42	14S	14S				520HF	SPECIAL INTEREST +P
			0	12	CLP		14S	-14.42	14S	14S	0.20	0.25		520HF	SPECIAL INTEREST +P
40	60	9.76	171	P 1	DNT		LTS	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
40	61	22.31	174	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
40	62	26.69	172	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
40	63	18.46	176	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
40	76	0.09	113	P 2	NQI		14S	+0.30	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		14S	+0.30	14S	14S				520HF	SPECIAL INTEREST +P
40	82	2.73	176	P 1	DNT		LTS	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
40	83	19.31	176	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
40	84	12.83	177	P 1	DNT		LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
40	86	0.36	82	3	NQI		13S	+15.89	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		13S	+15.89	13S	13S				520HF	SPECIAL INTEREST +P
40	101	0.10	50	P 2	NQI		07S	-0.33	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		07S	-0.33	07S	07S				520HF	SPECIAL INTEREST +P
40	117	0.17	115	P 1	NQI		10S	+0.53	UTE	LTE				510UL	510 BOBBIN EXAM
		0.29	96	P 2	TWD 8		10S	+0.64	10S	10S	WAR			520HF	SPECIAL INTEREST +P
41	56	2.11	32	P 5	SCI		ETL	+7.15	UTS	ETL	81			520HF	KINETIC EXP +POINT
		0.20	37	P 5	ARC		ETL	+7.15	UTS	ETL				520HF	KINETIC EXP +POINT
41	59	9.98	171	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
41	60	17.19	174	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
41	61	29.38	172	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
1	62	25.25	174	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
41	63	5.57	174	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
41	76	0.13	38	P 2	NQI		09S	-0.14						510UL	510 BOBBIN EXAM
					NDF		09S	-0.14						520HF	SPECIAL INTEREST +P
41	81	0.17	121	3	NQI		09S	+9.32						510UL	510 BOBBIN EXAM
					NDF		09S	+9.32						520HF	SPECIAL INTEREST +P
41	82	3.32	179	P 1	DNT		LTS	-0.02						510UL	510 BOBBIN EXAM
41	83	4.84	181	P 1	DNT		LTS	-0.09						510UL	510 BOBBIN EXAM
41	84	2.24	180	P 1	INR		LTS	-0.33						510UL	510 BOBBIN EXAM
41	88	0.53	113	3	NQI		12S	+30.76						510UL	510 BOBBIN EXAM
					NDF		13S	-6.24						520HF	SPECIAL INTEREST +P
41	91	0.69	53	6	INR		LTS	+29.64						510UL	510 BOBBIN EXAM
42	10	0.15	29	P 5	ARC		LTE	+0.13						520HF	LTE ROLL +POINT
		1.19	40	P 5	SCI		LTE	+0.13			LAR			520HF	LTE ROLL +POINT
		1.47	38	P 1	PID		LTE	+0.13						520HF	LTE ROLL +POINT
42	26	0.34	105	P 2	TWD 7		07S	+0.75						520HF	SPECIAL INTEREST +P
		0.19	78	P 1	NQI		07S	+0.77						510UL	510 BOBBIN EXAM
42	58	2.96	166	P 1	DNT		LTS	+0.00						510UL	510 BOBBIN EXAM
42	59	17.71	173	P 1	DNT		LTS	-0.02						510UL	510 BOBBIN EXAM
42	60	32.49	174	P 1	DNT		LTS	+0.00						510UL	510 BOBBIN EXAM
42	61	43.51	171	P 1	DNT		LTS	+0.09						510UL	510 BOBBIN EXAM
42	62	23.72	173	P 1	DNT		LTS	+0.31						510UL	510 BOBBIN EXAM
		0.30	100	3	NQI		LTS	+23.88						510UL	510 BOBBIN EXAM
					NDF		01S	-22.19						520HF	SPECIAL INTEREST +P
42	63	3.13	173	P 1	DNT		LTS	-0.11						510UL	510 BOBBIN EXAM
42	76	1.76	191	P 1	INR		06S	+26.39						510UL	510 BOBBIN EXAM
42	84	2.50	182	P 1	DNT		LTS	-0.24						510UL	510 BOBBIN EXAM
42	85	3.39	185	P 1	DNT		LTS	-0.11						510UL	510 BOBBIN EXAM
42	109	0.26	83	P 5	TWD 6		07S	+0.26						510UL	510 BOBBIN EXAM
42	113	0.38	97	P 5	TWD 9		11S	-0.78						510UL	510 BOBBIN EXAM
		0.49	75	P 1	NQI		14S	+0.58						510UL	510 BOBBIN EXAM
		0.28	90	P 1	NQI		13S	+0.58						510UL	510 BOBBIN EXAM
		0.72	87	P 2	TWD 17		14S	+0.62						520HF	SPECIAL INTEREST +P
		0.42	85	P 2	TWD 11		13S	+0.58						520HF	SPECIAL INTEREST +P
42	116	0.30	126	P 1	NQI		08S	+0.58						510UL	510 BOBBIN EXAM
		0.42	69	P 2	TWD 11		08S	+0.63						520HF	SPECIAL INTEREST +P
43	31	0.88	24	P 5	SCI		ETL	+2.74						520HF	KINETIC EXP +POINT
		0.37	69	P 5	ARC		ETL	+2.74						520HF	KINETIC EXP +POINT
					NDF		01S	+2.98						520HF	SPECIAL INTEREST +P
		1.02	89	6	ADI		01S	+3.46						510UL	510 BOBBIN EXAM
43	43	3.98	177	P 4	PID		LTE	+0.22						520HF	LTE ROLL +POINT
		2.83	22	P 4	SVI		LTE	+0.22						520HF	LTE ROLL +POINT
			0	P 4	CLP		LTE	+0.22			0.29	0.10		520HF	LTE ROLL +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
43	44	0.83	89	6	ADI		03S	+4.61	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		03S	+4.61	03S	03S				520HF	SPECIAL INTEREST +P
43	58	9.09	171	P 1	DNT		LTS	+0.33	LTE	UTE				510UL	510 BOBBIN EXAM
43	59	24.84	173	P 1	DNT		LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
43	60	33.18	172	P 1	DNT		LTS	+0.25	LTE	UTE				510UL	510 BOBBIN EXAM
43	61	38.36	173	P 1	DNT		LTS	+0.40	LTE	UTE				510UL	510 BOBBIN EXAM
43	62	20.24	172	P 1	DNT		LTS	+0.29	LTE	UTE				510UL	510 BOBBIN EXAM
43	63	3.24	170	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
43	80	0.15	81	3	NQI		09S	+17.65	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		09S	+17.65	09S	09S				520HF	SPECIAL INTEREST +P
43	84	0.58	16	P 5	SCI		ETL	+0.50	ETL	ETL	22			520HF	KINETIC EXP +POINT
		0.21	38	P 5	ARC		ETL	+0.50	ETL	ETL				520HF	KINETIC EXP +POINT
		3.85	181	P 1	DNT		03S	+9.99	LTE	UTE				510UL	510 BOBBIN EXAM
		2.61	175	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		03S	+9.99	03S	03S				520HF	SPECIAL INTEREST +P
43	85	9.30	173	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
43	86	4.54	176	P 1	DNT		LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
43	114	2.27	174	P 1	INR		LTE	+11.11	UTE	LTE				510UL	510 BOBBIN EXAM
		0.19	79	P 1	NQI		09S	-0.79	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		09S	-0.79	09S	09S				520HF	SPECIAL INTEREST +P
44	12	0.82	44	P 5	SCI		LTE	+0.18	LTE	LTE	LAR			520HF	LTE ROLL +POINT
		0.22	41	P 5	ARC		LTE	+0.18	LTE	LTE				520HF	LTE ROLL +POINT
		1.10	31	P 1	PID		LTE	+0.17	LTE	LTE				520HF	LTE ROLL +POINT
44	58	7.73	172	P 1	DNT		LTS	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
44	59	23.62	173	P 1	DNT		LTS	+0.27	LTE	UTE				510UL	510 BOBBIN EXAM
44	60	29.77	172	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
44	61	27.93	173	P 1	DNT		LTS	+0.29	LTE	UTE				510UL	510 BOBBIN EXAM
44	62	23.15	172	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
44	63	7.50	173	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
44	85	0.81	18	P 5	SCI		ETL	+1.34	ETL	ETL	27			520HF	KINETIC EXP +POINT
		0.20	37	P 5	ARC		ETL	+1.34	ETL	ETL				520HF	KINETIC EXP +POINT
		3.47	178	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
44	86	11.17	177	P 1	DNT		LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
44	90	0.34	118	3	NQI		LTS	+3.64	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	+3.64	LTS	LTS				520HF	SPECIAL INTEREST +P
45	59	17.24	172	P 1	DNT		LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
45	60	21.40	173	P 1	DNT		LTS	+0.16	LTE	UTE				510UL	510 BOBBIN EXAM
45	61	7.03	172	P 1	DNT		LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
45	62	4.08	174	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
45	63	4.77	173	P 1	DNT		LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM

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*****
* S T A R T                V P S  R8.0  STC: VPS                S T A R T  *
*****
JOB/PRINTER ID          | ON-PRINTER          | ON-READER          | SELECTION          *
                        |                     |                     | CRITERIA          *
                        |                     |                     |                   *
* JOBNAME:              DRSV          | DATE: 2004.046     | 2004.046          | DEST:  IP62        *
* JOBID:                S0005172     | 02/19/2004        | 02/15/2004       | CLASS:  AGHS       *
* PRINTER NAME:        IP62S         | THU               | SUN              | WRITER: ANY        *
* VPSLIB MEMBER:      IP62          | TIME: 13.58.48.57 | 03.00.43.42     | FORM:  AUTO        *
* SEPINFO:              |                     |                     |                   *
* GROUP NAME:          VPSGRP01     |                     |                     |                   *
*****

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E C R Printout

R NUMBER: TM 04-00164 000 ECR TYPE: ACP
 ASSIGNED ORG: TEDM PRINT DATE/TIME: 02/19/04 13:58
 ASSIGNED INDV: TETKOSKIE,MW REQUIRED DATE: 03/05/04
 INITIATOR: DIVITO, ST ECR STATUS: ASIGND
 REQUEST ORG: TEDD STATUS DATE: 02/19/04
 A/R NO: A2001791 INIT. DATE: 02/19/04
 PROJECT NO: _____ A/R STATUS: ROUTED
 A/R SUBJECT: MISLABELED VALVES ON RCS BENCHMARK ELEVATION DRAWING

A. IDENTIFICATION:

SYSTEM: 220 COMP ID: _____
 INIT OPER: Y QA CLASS: N PWT: N
 TECH SPEC: N REQD IN MODES: A
 PAGES ATTACHED: Y NO. OF PAGES: _____ ID/DATE: MWT0 02/19/04

PROBLEM DESCRIPTION and PROPOSED DISPOSITION:

CR 185210 WAS GENERATED TO DOCUMENT THE FACT THAT
 COMPONENT IDENTIFICATION NUMBERS ASSIGNED TO SEVERAL
 VALVES DEPICTED ON THE RCS BENCHMARK ELEVATION DRAWING
 308946 WERE IN REVERSE ORDER.

B. EVALUATION:

50.59 REVIEW REQD: N ORIG 50.59 FUTURE AFFECTED: N 50.59 SE REQD: N
 REPORTABLE: N DATE/TIME: _____
 STATION PROC/PROGRAM REVIEW COMPLT: _____ CAUSE: RE
 FINAL OPERABILITY: _____ COMP: _____ SYSTEM: _____ PLANT: _____
 SSV NAME: _____ SSV DATE/TIME: _____
 SCHED CODE/WINDOW: _____
 ADVANCED WORK AUTH: _____ FINAL DISP: _____ INTERIM DISP: _____

APPROVED DISPOSITION:

PROBLEM DEFINITION AND SCOPE:

**
 WHILE REFERENCING DRAWING 308946 WHEN WALKING DOWN
 PROCEDURES IT WAS IDENTIFIED THAT SEVERAL VALVES DEPICTED
 ON THE DRAWING LISTED ABOVE HAD COMPONENT IDENTIFICATION
 NUMBERS SHOWN IN REVERSE ORDER.
 AS A RESULT OF THIS DISCOVERY, CR 00185210 WAS GENERATED
 TO DOCUMENT THE FINDING.

**
 THE CHANGES REQUIRED TO THIS DRAWING (308946) POSTED IN
 IN THIS ECR HAVE BEEN COMMUNICATED VIA A MARK-UP AND AS
 NOTED IN THE REFERENCED CR. THESE CHANGES AS NOTED
 CONSTITUTE AN ADMINISTRATIVE CHANGE PER THE CRITERIA
 CONTAINED IN CC-AA-104, SECTION 4.2.1 AS IT CORRECTS

E C R Printout

NUMBER: TM 04-00164 000

ECR TYPE: ACP

APPROVED DISPOSITION:

EDITORIAL TYPE INFORMATION MADE TO A PREVIOUSLY APPROVED ENGINEERING DOCUMENT. NO CCRD TYPE DRAWINGS OR THE CRL ARE AFFECTED BY THESE CHANGES.

**

REFERENCES:

**

CC-AA-104, DOCUMENT CHANGE REQUESTS.

**

PROPOSED DOCUMENT CHANGES:

**

BASED ON THE INFORMATION PROVIDED IN CR 00185210 AND THE MARKUPS PROVIDED, DRAWING 308946 HAS BEEN REVISED TO SHOW THE CORRECTION OF TAG NUMBER NUMBERS AS REQUIRED. THIS DRAWING HAS BEEN ISSUED VIA CMT 603676.

C. DOCUMENT CHANGES:

DOC CHANGES REQUIRED: Y

DOC SCREEN STATUS: _____

AFFECTED DOCUMENTS:

F	Type	Document ID	Sheet	As-Built Type Cat	Incorp Due Date	Dwg Inc Date	Inc Rev	Resp Orgn
TM	DWG	308946	1	4.08 A2				TED

D. APPROVALS:

Name	User ID	Date
------	---------	------

INTERFACING GROUPS:	_____	_____
	_____	_____
	_____	_____

CAQ: ISSUE NBR:

RESP ENGINEER:	<u>TETKOSKIE, MW</u>	<u>MWT0</u>	<u>02/19/04</u>
IND REVIEWER:	_____	_____	_____
MANAGER:	_____	_____	_____

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
45	85	0.18	107	3	NQI		LTS	+43.59	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		01S	-2.41	01S	01S				520HF	SPECIAL INTEREST +P
45	117	0.23	103	P 1	NQI		13S	+0.56	UTE	LTE				510UL	510 BOBBIN EXAM
		0.31	82	P 2	TWD 8		13S	+0.61	13S	13S	WAR			520HF	SPECIAL INTEREST +P
45	119	0.27	64	P 5	TWD 6		12S	-0.86	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
		0.39	84	P 5	TWD 9		11S	-0.90	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
46	54	0.34	17	P 4	PID		LTE	+1.90	LTE	LTE				520HF	LTE ROLL +POINT
		0.28	14	P 4	SVI		LTE	+1.99	LTE	LTE	17			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+1.99	LTE	LTE	0.17	0.17		520HF	LTE ROLL +POINT
46	60	3.19	171	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
46	77		0	12	CLP		ETL	-0.27	ETL	ETL	0.15	0.09		520HF	KINETIC EXP +POINT
		0.35	29	P 5	VOL		ETL	-0.27	ETL	ETL				520HF	KINETIC EXP +POINT
46	85	6.56	177	P 1	DNT		LTS	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
46	86	10.66	173	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
46	87	4.03	174	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
46	89	0.20	81	P 2	INR		LTE	+18.50	LTE	UTE				510UL	510 BOBBIN EXAM
46	115	0.31	81	P 5	TWD 7		11S	-0.98	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
46	116	0.27	85	P 5	TWD 7		11S	-0.81	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
		0.26	83	P 5	TWD 7		12S	-0.83	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
46	118	0.29	81	P 2	TWD 6		12S	-0.79	12S	12S	WAR			520HF	SPECIAL INTEREST +P
		0.33	91	P 2	TWD 7		11S	-0.66	11S	11S	WAR			520HF	SPECIAL INTEREST +P
		0.25	77	P 1	NQI		12S	-0.79	UTE	LTE				510UL	510 BOBBIN EXAM
		0.40	78	P 1	NQI		11S	-0.90	UTE	LTE				510UL	510 BOBBIN EXAM
47	7	21.55	45	P 5	SCI		ETL	+1.13	ETL	ETL	96			520HF	KINETIC EXP +POINT
		0.25	47	P 5	ARC		ETL	+1.13	ETL	ETL				520HF	KINETIC EXP +POINT
		18.94	45	P 5	SCI		ETL	+3.02	ETL	ETL	96			520HF	KINETIC EXP +POINT
		0.23	42	P 5	ARC		ETL	+3.02	ETL	ETL				520HF	KINETIC EXP +POINT
47	14	3.34	35	P 5	VOL		ETL	+2.33	ETL	ETL	96			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.33	ETL	ETL	0.20	0.14		520HF	KINETIC EXP +POINT
47	57	3.52	172	P 1	DNT		LTS	+0.05	LTE	UTE				510UL	510 BOBBIN EXAM
47	60	2.65	160	P 1	DNT		LTS	+0.05	LTE	UTE				510UL	510 BOBBIN EXAM
47	61	0.28	79	P 5	TWD 6		06S	+0.75	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
47	64	2.63	159	P 1	DNT		LTS	+0.38	LTE	UTE				510UL	510 BOBBIN EXAM
47	78	0.08	90	P 1	INR		LTS	+2.39	LTE	UTE				510UL	510 BOBBIN EXAM
47	87	13.87	174	P 1	DNT		LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
47	88	19.66	173	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
		2.94	176	P 1	DNT		LTS	+18.03	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	+18.03	LTS	LTS				520HF	SPECIAL INTEREST +P
47	89	16.30	172	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
47	90	4.78	178	P 1	DNT		LTS	-0.06	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
47	98	0.18	133	3			LTS	+14.16	LTE	UTE				510UL	510 BOBBIN EXAM
							NDF	+14.16	LTS	LTS				520HF	SPECIAL INTEREST +P
47	110						NDF	06S	-0.79	06S	06S			520HF	SPECIAL INTEREST +P
		0.42	41	P 1	NQI		06S	-0.79	UTE	LTE				510UL	510 BOBBIN EXAM
47	118	0.33	75	P 2	TWD 7		15S	-0.79	15S	15S	WAR			520HF	SPECIAL INTEREST +P
		0.37	80	P 2	TWD 8		12S	-0.79	12S	12S	WAR			520HF	SPECIAL INTEREST +P
		0.54	80	P 5	TWD 12		09S	+0.66	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
		0.14	100	P 1	NQI		15S	-0.79	UTE	LTE				510UL	510 BOBBIN EXAM
		0.29	58	P 1	NQI		12S	-0.79	UTE	LTE				510UL	510 BOBBIN EXAM
47	119	0.33	80	P 2	TWD 7		11S	+0.47	11S	11S	WAR			520HF	SPECIAL INTEREST +P
		0.30	79	P 2	TWD 6		09S	+0.47	09S	09S	WAR			520HF	SPECIAL INTEREST +P
		0.27	107	P 1	NQI		11S	+0.47	UTE	LTE				510UL	510 BOBBIN EXAM
		0.18	63	P 1	NQI		09S	+0.63	UTE	LTE				510UL	510 BOBBIN EXAM
47	120						NDF	11S	-0.72	11S	11S			520HF	SPECIAL INTEREST +P
		0.28	56	P 1	NQI		11S	-0.72	UTE	LTE				510UL	510 BOBBIN EXAM
48	4	0.18	51	P 5	TWD 4		09S	-0.34	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
48	5	1.11	70	6	ADI		LTS	+15.89	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	+15.89	LTS	LTS				520HF	SPECIAL INTEREST +P
48	11	9.07	41	P 5	SCI		ETL	+0.81	ETL	ETL	98			520HF	KINETIC EXP +POINT
		0.20	37	P 5	ARC		ETL	+0.81	ETL	ETL				520HF	KINETIC EXP +POINT
		2.28	29	P 5	SCI		ETL	+3.05	ETL	ETL	67			520HF	KINETIC EXP +POINT
		0.25	47	P 5	ARC		ETL	+3.05	ETL	ETL				520HF	KINETIC EXP +POINT
		4.09	35	P 5	SCI		ETL	+3.47	ETL	ETL	96			520HF	KINETIC EXP +POINT
		0.28	51	P 5	ARC		ETL	+3.47	ETL	ETL				520HF	KINETIC EXP +POINT
48	37						NDF	02S	-9.87	02S	02S			520HF	SPECIAL INTEREST +P
							NDF	02S	+12.10	02S	02S			520HF	SPECIAL INTEREST +P
		2.88	189	P 1	DNT		01S	+28.13	LTE	UTE				510UL	510 BOBBIN EXAM
		5.56	186	P 1	DNT		02S	+12.10	LTE	UTE				510UL	510 BOBBIN EXAM
48	38						NDF	07S	-11.30	07S	07S			520HF	SPECIAL INTEREST +P
		1.99	84	6	ADI		06S	+27.70	LTE	UTE				510UL	510 BOBBIN EXAM
48	44	5.43	22	2	FID		LTE	+0.18	LTE	LTE				520HF	LTE ROLL +POINT
		5.31	22	2	SAI		LTE	+0.18	LTE	LTE	40			520HF	LTE ROLL +POINT
		0.25	0	2	LEN		LTE	+0.18	LTE	LTE				520HF	LTE ROLL +POINT
48	57	3.34	168	P 1	DNT		LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
48	59	0.10	80	3	NQI		09S	+35.31	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		10S	-4.69	10S	10S				520HF	SPECIAL INTEREST +P
48	63	2.70	164	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
48	64	4.75	164	P 1	DNT		LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
		0.14	175	P 1	INR		LTE	+22.66	LTE	UTE				510UL	510 BOBBIN EXAM
48	66	2.79	154	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
48	88	22.47	175	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
48	89	19.72	173	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
48	90	7.16	176	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
48	94	0.21	98	3	NQI		LTS	+25.20	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		01S	-20.80	01S	01S				520HF	SPECIAL INTEREST +P
48	95	0.08	85	P 1	INR		06S	+0.29	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
48	118	0.29	85	P 2	TWD 6	12S	-0.79	12S	12S	WAR				520HF	SPECIAL INTEREST +P
		0.39	77	P 2	TWD 8	09S	+0.70	09S	09S	WAR				520HF	SPECIAL INTEREST +P
		0.42	64	P 5	TWD 9	08S	+0.64	UTE	LTE	WAR				510UL	510 BOBBIN EXAM
		0.29	61	P 1	NQI	12S	-0.79	UTE	LTE					510UL	510 BOBBIN EXAM
		0.18	74	P 1	NQI	09S	+0.70	UTE	LTE					510UL	510 BOBBIN EXAM
48	122				NDF	11S	-0.71	11S	11S					520HF	SPECIAL INTEREST +P
		0.27	76	P 1	NQI	11S	-0.71	UTE	LTE					510UL	510 BOBBIN EXAM
49	1	0.25	98	P 5	TWD 5	13S	+0.56	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
49	15	2.67	183	P 1	DNT	08S	+20.96	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	09S	-18.04	LTE	UTE					520HF	SPECIAL INTEREST +P
49	35	1.75	14	P 4	PID	LTE	+0.21	LTE	LTE					520HF	LTE ROLL +POINT
		1.58	22	P 4	SVI	LTE	+0.21	LTE	LTE	40				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.21	LTE	LTE	0.18	0.14			520HF	LTE ROLL +POINT
49	48	0.98	93	1	MBM	02S	+7.79	LTE	HR					520HF	SPECIAL INTEREST +P
		0.95	81	6	ADI	02S	+7.79	LTE						510UL	510 BOBBIN EXAM
49	56	2.59	171	P 1	DNT	LTS	+0.00							510UL	510 BOBBIN EXAM
49	57	3.31	166	P 1	DNT	LTS	+0.00							510UL	510 BOBBIN EXAM
49	64	2.62	160	P 1	DNT	LTS	+0.00							510UL	510 BOBBIN EXAM
49	65	3.29	163	P 1	DNT	LTS	+0.00							510UL	510 BOBBIN EXAM
49	67	3.15	159	P 1	DNT	LTS	+0.00							510UL	510 BOBBIN EXAM
49	68	2.93	164	P 1	DNT	LTS	+0.00							510UL	510 BOBBIN EXAM
49	87	0.17	89	3	NQI	15S	-44.00							540HF	540 BOBBIN EXAM
		6.01	174	P 1	DNT	LTS	-0.17							540HF	540 BOBBIN EXAM
					NDF	UTS	-2.18							520HF	SPECIAL INTEREST +P
49	88	9.36	180	P 1	DNT	LTS	+0.00							510UL	510 BOBBIN EXAM
49	89	20.27	175	P 1	DNT	LTS	+0.00							510UL	510 BOBBIN EXAM
49	90	14.22	173	P 1	DNT	LTS	-0.02							510UL	510 BOBBIN EXAM
49	119	0.72	91	P 5	TWD 15	09S	+0.66	LTE	LTE	WAR				510UL	510 BOBBIN EXAM
		0.46	71	P 5	TWD 10	12S	-0.80	LTE	LTE	WAR				510UL	510 BOBBIN EXAM
49	124				NDF	10S	+0.27	LTE	10S					520HF	SPECIAL INTEREST +P
		0.13	55	P 2	NQI	10S	+0.27	UTE	LTE					510UL	510 BOBBIN EXAM
50	1	0.32	124	P 1	NQI	13S	-0.79	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	13S	-0.45	13S	13S					520HF	SPECIAL INTEREST +P
50	6	3.85	13	2	PID	LTE	+0.12	LTE	LTE					520HF	LTE ROLL +POINT
		1.87	16	P 4	SVI	LTE	+0.12	LTE	LTE	22	IAR			520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.12	LTE	LTE	0.23	0.23			520HF	LTE ROLL +POINT
50	10		0	12	CLP	LTE	+0.15	LTE	LTE	0.29	0.16			520HF	LTE ROLL +POINT
		4.63	26	P 4	SVI	LTE	+0.15	LTE	LTE	54	IAR			520HF	LTE ROLL +POINT
		5.35	16	2	PID	LTE	+0.15	LTE	LTE					520HF	LTE ROLL +POINT
50	11	0.23	77	P 5	TWD 4	09S	-0.50	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
50	13	21.97	42	P 5	SCI	ETL	+1.07	ETL	ETL	98				520HF	KINETIC EXP +POINT
		0.25	47	P 5	ARC	ETL	+1.07	ETL	ETL					510HF	KINETIC EXP +POINT
		23.78	42	P 5	SCI	ETL	+4.66	ETL	ETL	98				520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island

Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.26	51	P 5	ARC		ETL	+4.66	ETL	ETL				520HF	KINETIC EXP +POINT
50	31	0.26	130	P 5	TWD 5		C3S	+0.79	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
50	38	5.80	182	P 1	DNT		LTE	+19.03	LTE	UTE				510UL	510 BOBBIN EXAM
50	39	0.56	5	3	TWD 17		08S	+33.86	UTE	LTE				540HF	540 BOBBIN EXAM
					NDF		09S	-4.85	09S	09S				520HF	SPECIAL INTEREST +P
50	57	3.23	164	P 1	DNT		LTS	+0.20	LTE	UTE				510UL	510 BOBBIN EXAM
		3.05	177	P 1	DNT		LTS	+17.32	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	+17.32	LTS	LTS				520HF	SPECIAL INTEREST +P
50	58	2.52	154	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
50	62	2.87	161	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
50	63	3.54	164	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
50	64	3.80	164	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
50	65	3.35	163	P 1	DNT		LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
50	66	4.82	163	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
50	67	4.70	166	P 1	DNT		LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
50	68	3.74	164	P 1	DNT		LTS	+0.16	LTE	UTE				510UL	510 BOBBIN EXAM
50	69	2.72	168	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
50	86	10.05	174	P 1	DNT		LTS	-0.26	LTE	UTE				510UL	510 BOBBIN EXAM
50	87	8.76	174	P 1	DNT		LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
50	88	11.25	179	P 1	DNT		LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
50	89	8.25	176	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
50	110				NDF		14S	+13.28	14S	14S				520HF	SPECIAL INTEREST +P
		0.64	80	6	ADI		14S	+13.28	UTE	LTE				510UL	510 BOBBIN EXAM
51	3	3.74	12	2	PID		LTE	+0.11	LTE	LTE				520HF	LTE ROLL +POINT
		2.91	21	P 4	SVI		LTE	+0.11	LTE	LTE	36	LAR		520HF	LTE ROLL +POINT
			90	12	CLP		LTE	+0.11	LTE	LTE	0.25	0.21		520HF	LTE ROLL +POINT
51	9	4.43	178	P 1	DNT		LTE	+10.94	LTE	UTE				510UL	510 BOBBIN EXAM
51	15	1.76	27	P 5	VOL		ETL	+2.27	ETL	ETL	58			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.27	ETL	ETL	0.41	0.19		520HF	KINETIC EXP +POINT
51	57	2.64	162	P 1	DNT		LTS	+0.16	LTE	UTE				510UL	510 BOBBIN EXAM
51	58	3.34	170	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
51	59	3.05	161	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
51	60	3.09	168	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
51	61	3.33	165	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
51	62	5.61	166	P 1	DNT		LTS	+0.05	LTE	UTE				510UL	510 BOBBIN EXAM
51	63	7.59	166	P 1	DNT		LTS	+0.05	LTE	UTE				510UL	510 BOBBIN EXAM
51	64	4.16	166	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
51	65	4.47	167	P 1	DNT	LTS	+0.05	LTE	UTE					510UL	510 BOBBIN EXAM
51	66	3.40	163	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
51	67	3.99	164	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
51	68	5.69	167	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
51	69	4.59	164	P 1	DNT	LTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
51	70	2.05	15	P 4	PID	LTE	+0.20	LTE	LTE					520HF	LTE ROLL +POINT
		6.44	166	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
		1.46	16	P 4	SVI	LTE	+0.20	LTE	LTE	36				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.20	LTE	LTE	0.18	0.10			520HF	LTE ROLL +POINT
51	71	4.55	169	P 1	DNT	LTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
51	83	0.48	145	P 1	NQI	11S	-0.79	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	11S	-0.79	11S	11S					520HF	SPECIAL INTEREST +P
51	86	10.68	174	P 1	DNT	LTS	-0.30	LTE	UTE					510UL	510 BOBBIN EXAM
51	87	16.49	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
51	88	12.42	173	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
51	89	2.64	176	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
51	90	13.86	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
51	101	0.14	77	P 5	NQI	06S	-0.72	LTE	UTE					510UL	510 BOBBIN EXAM
		0.24	97	P 2	TWD 7	06S	-0.77	06S	06S	WAR				520HF	SPECIAL INTEREST +P
51	107				NDF	LTS	-11.96	TO+142.00	LTS	03S				520HF	SPECIAL INTEREST +P
		5.07	184	3	IDC	LTE	+12.04	TO+166.00	UTE	LTE				540HF	540 BOBBIN EXAM
51	124	0.20	99	P 1	NQI	11S	-0.83	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	11S	-0.83	11S	11S					520HF	SPECIAL INTEREST +P
52	8	3.20	179	P 1	DNT	LTE	+11.05	LTE	UTE					510UL	510 BOBBIN EXAM
52	17		0	12	CLP	LTE	+0.22	LTE	LTE	0.23	0.20			520HF	LTE ROLL +POINT
		3.12	17	P 4	SVI	LTE	+0.22	LTE	LTE	25	LAR			520HF	LTE ROLL +POINT
		3.84	8	2	PID	LTE	+0.22	LTE	LTE					520HF	LTE ROLL +POINT
52	18	2.43	40	P 5	SCI	ETL	+3.15	ETL	ETL					520HF	KINETIC EXP +POINT
		0.23	42	P 5	ARC	ETL	+3.15	ETL	ETL					520HF	KINETIC EXP +POINT
		3.11	40	P 5	SCI	ETL	+4.88	ETL	ETL					520HF	KINETIC EXP +POINT
		0.28	51	P 5	ARC	ETL	+4.88	ETL	ETL					520HF	KINETIC EXP +POINT
52	38				NDF	01S	+4.30	01S	01S					520HF	SPECIAL INTEREST +P
		2.95	183	P 1	DNT	01S	+4.30	LTE	UTE					510UL	510 BOBBIN EXAM
52	61	3.29	167	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
52	62	4.14	166	P 1	DNT	LTS	+0.05	LTE	UTE					510UL	510 BOBBIN EXAM
52	63	7.14	169	P 1	DNT	LTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
52	64	5.27	168	P 1	DNT	LTS	+0.05	LTE	UTE					510UL	510 BOBBIN EXAM
52	65	4.34	166	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
52	66	3.07	158	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	ITW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
52	67	2.86	158	P 1	DNT	LTS		+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
52	68	4.32	163	P 1	DNT	LTS		+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
52	70	8.56	168	P 1	DNT	LTS		+0.16	LTE	UTE				510UL	510 BOBBIN EXAM
52	71	0.48	9	3	TWD 30	15S		+35.84	UTE	LTE				540HF	540 BOBBIN EXAM
		0.25	12	3	BVC	15S		+32.73	UTE	LTE				540HF	540 BOBBIN EXAM
		16.47	171	P 1	DNT	LTS		+0.09	UTE	LTE				540HF	540 BOBBIN EXAM
					NDF	UTS		-12.10	UTS	UTS				520HF	SPECIAL INTEREST +P
					NDF	UTS		-13.65	UTS	UTS				520HF	SPECIAL INTEREST +P
					NDF	UTS		-10.53	UTS	UTS				520HF	SPECIAL INTEREST +P
52	72	21.62	171	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
52	73	19.21	169	P 1	DNT	LTS		+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
52	74	7.28	164	P 1	DNT	LTS		+0.05	LTE	UTE				510UL	510 BOBBIN EXAM
52	86	4.32	177	P 1	DNT	LTS		-0.33	LTE	UTE				510UL	510 BOBBIN EXAM
52	87	10.83	176	P 1	DNT	LTS		-0.15	LTE	UTE				510UL	510 BOBBIN EXAM
52	88	10.85	173	P 1	DNT	LTS		-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
52	89	9.01	174	P 1	DNT	LTS		-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
52	90	19.16	172	P 1	DNT	LTS		+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
52	91	11.88	174	P 1	DNT	LTS		-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
52	93	2.62	183	P 1	DNT	07S		+4.93	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	07S		+4.93	07S	07S				520HF	SPECIAL INTEREST +P
52	96	3.49	176	P 1	DNT	LTS		+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
52	98	5.07	178	3	IDC	LTS		+0.00	TO+2.42	UTE	LTE			540HF	540 BOBBIN EXAM
		9.95	177	3	IDC	LTE		+8.99	TO+23.96	UTE	LTE			540HF	540 BOBBIN EXAM
					NDF	LTS		+0.00	TO+2.42	LTS	LTS			520HF	SPECIAL INTEREST +P
					NDF	LTS		-0.04	TO-15.01	LTS	LTS			520HF	SPECIAL INTEREST +P
52	120	0.12	71	3	NQI	02S		+22.42	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF	03S		-16.58	03S	03S				520HF	SPECIAL INTEREST +P
52	121				NDF	11S		-0.88	11S	11S				520HF	SPECIAL INTEREST +P
					NDF	08S		+10.45	08S	08S				520HF	SPECIAL INTEREST +P
		0.98	9	3	TWD 30	08S		+10.45	UTE	LTE				540HF	540 BOBBIN EXAM
		0.15	106	P 1	NQI	11S		-0.88	UTE	LTE				540HF	540 BOBBIN EXAM
52	125	0.45	8	3	TWD 27	15S		+5.41	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF	15S		+5.41	15S	15S				520HF	SPECIAL INTEREST +P
		0.44	5	3	TWD 17	15S		+5.90	UTE	LTE				540HF	540 BOBBIN EXAM
53	10	2.61	174	P 1	DNT	LTE		+10.35	LTE	UTE				510UL	510 BOBBIN EXAM
53	16	2.60	173	P 1	DNT	LTE		+10.31	LTE	UTE				510UL	510 BOBBIN EXAM
53	19	6.29	43	P 5	SCI	ETL		+1.19	ETL	ETL	97			520HF	KINETIC EXP +POINT
		0.33	62	P 5	ARC	ETL		+1.19	ETL	ETL				520HF	KINETIC EXP +POINT
		4.04	38	P 5	SCI	ETL		+0.90	ETL	ETL	99			520HF	KINETIC EXP +POINT
		0.26	47	P 5	ARC	ETL		+0.90	ETL	ETL				520HF	KINETIC EXP +POINT
53	20	19.58	45	P 5	SCI	ETL		+6.03	UTS	ETL	96			520HF	KINETIC EXP +POINT
		0.27	51	P 5	ARC	ETL		+6.03	UTS	ETL				520HF	KINETIC EXP +POINT
53	46	6.83	24	P 4	PID	LTE		+0.18	LTE	LTE				520HF	LTE ROLL +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
54	49				NDF		11S	+18.72		11S	11S			520HF	SPECIAL INTEREST +P
		1.17	85	6	ADI		11S	+15.72		LTE	UTE			510UL	510 BOBBIN EXAM
54	58	3.11	164	P 1	DNT		LTS	+0.05		LTE	UTE			510UL	510 BOBBIN EXAM
54	59	3.75	163	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
54	60	4.68	164	P 1	DNT		LTS	+0.07		LTE	UTE			510UL	510 BOBBIN EXAM
54	61	2.84	164	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
54	62	3.32	163	P 1	DNT		LTS	+0.07		LTE	UTE			510UL	510 BOBBIN EXAM
54	63	2.72	162	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
		0.23	114	P 5	TWD 5		06S	-0.59		LTE	UTE	WAR		510UL	510 BOBBIN EXAM
54	64	5.44	166	P 1	DNT		LTS	+0.17		LTE	UTE			510UL	510 BOBBIN EXAM
		0.13	116	P 1	NQI		14S	-0.11		LTE	UTE			510UL	510 BOBBIN EXAM
					NDF		14S	-0.11		LTE	UTE			520HF	SPECIAL INTEREST +P
54	65	4.99	169	P 1	DNT		LTS	-0.11		LTE	UTE			510UL	510 BOBBIN EXAM
54	66	3.47	167	P 1	DNT		LTS	-0.11		LTE	UTE			510UL	510 BOBBIN EXAM
54	69	5.26	166	P 1	DNT		LTS	-0.11		LTE	UTE			510UL	510 BOBBIN EXAM
54	70	12.91	168	P 1	DNT		LTS	-0.11		LTE	UTE			510UL	510 BOBBIN EXAM
54	71	29.69	171	P 1	DNT		LTS	-0.11		LTE	UTE			510UL	510 BOBBIN EXAM
54	72	29.37	170	P 1	DNT		LTS	-0.11		LTE	UTE			510UL	510 BOBBIN EXAM
54	73	48.18	171	P 1	DNT		LTS	-0.11		LTE	UTE			510UL	510 BOBBIN EXAM
54	74	53.61	171	P 1	DNT		LTS	-0.11		LTE	UTE			510UL	510 BOBBIN EXAM
54	75	65.55	169	P 1	DNT		LTS	-0.11		LTE	UTE			510UL	510 BOBBIN EXAM
54	76	39.99	172	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
54	77	24.40	170	P 1	DNT		LTS	+0.11		LTE	UTE			510UL	510 BOBBIN EXAM
54	78	6.90	167	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
54	79	3.22	162	P 1	DNT		LTS	+0.11		LTE	UTE			510UL	510 BOBBIN EXAM
54	80	6.16	166	P 1	DNT		LTS	+0.00		LTE	LTE			540HF	540 BOBBIN EXAM
54	82	0.95	76	6	ADI		13S	+19.27		LTE	UTE			510UL	510 BOBBIN EXAM
					NDF		14S	-16.73		LTE	UTE			520HF	SPECIAL INTEREST +P
54	89	8.91	172	P 1	DNT		LTS	+0.04		LTE	UTE			510UL	510 BOBBIN EXAM
54	90	9.96	175	P 1	DNT		LTS	+0.07		LTE	UTE			510UL	510 BOBBIN EXAM
54	91	16.26	174	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
54	92	15.22	172	P 1	DNT		LTS	-1.03		LTE	UTE			510UL	510 BOBBIN EXAM
54	93	11.25	173	P 1	DNT		LTS	+0.04		LTE	UTE			510UL	510 BOBBIN EXAM
54	94	6.05	174	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
54	95	3.00	175	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
54	96	6.45	174	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
54	97	7.42	176	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
54	98	5.81	176	P 1	DNT		LTS	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
54	99	4.23	180	P 1	DNT		LTS	-0.94	LTE	UTE				510UL	510 BOBBIN EXAM
		0.13	61	P 5	NQI		06S	-0.70	LTE	UTE				510UL	510 BOBBIN EXAM
		0.22	0	P 2	TWD 6		06S	-0.83	06S	06S	WAR			520HF	SPECIAL INTEREST +P
54	101	6.12	174	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
54	116				NDF		03S	-17.61	03S	03S				520HF	SPECIAL INTEREST +P
		1.17	71	6	ADI		02S	+21.39	UTE	LTE				510UL	510 BOBBIN EXAM
54	122	0.31	67	P 2	TWD 7		09S	+0.72	09S	09S	WAR			520HF	SPECIAL INTEREST +P
		0.21	87	P 1	NQI		09S	+0.72	UTE	LTE				510UL	510 BOBBIN EXAM
54	127	0.19	98	P 1	NQI		10S	+0.50	UTE	LTE				510UL	510 BOBBIN EXAM
		0.31	110	P 1	NQI		06S	-0.79	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		10S	+0.50	10S	10S				520HF	SPECIAL INTEREST +P
		0.30	94	P 2	TWD 7		06S	-0.82	06S	06S	WAR			520HF	SPECIAL INTEREST +P
55	33				NDF		03S	+3.84	03S	03S				520HF	SPECIAL INTEREST +P
					NDF		03S	-4.71	03S	03S				520HF	SPECIAL INTEREST +P
		1.96	85	6	ADI		03S	+3.84	LTE	UTE				510UL	510 BOBBIN EXAM
		1.51	85	6	ADI		02S	+34.29	LTE	UTE				510UL	510 BOBBIN EXAM
55	58	3.13	168	P 1	DNT		LTS	+0.05	LTE	UTE				510UL	510 BOBBIN EXAM
55	59	5.16	163	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
55	60	8.08	167	P 1	DNT		LTS	+0.14	LTE	UTE				510UL	510 BOBBIN EXAM
55	61	6.38	167	P 1	DNT		LTS	+0.16	LTE	UTE				510UL	510 BOBBIN EXAM
55	62	6.29	166	P 1	DNT		LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
55	63	2.88	166	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
55	64	3.41	164	P 1	DNT		LTS	+0.05	LTE	UTE				510UL	510 BOBBIN EXAM
55	66	5.60	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
55	67	4.22	175	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
55	68	3.00	156	P 1	DNT		LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
55	69	10.51	166	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
55	70	26.45	171	P 1	DNT		LTS	+0.20	LTE	UTE				510UL	510 BOBBIN EXAM
55	71	50.11	172	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
55	72	65.32	171	P 1	DNT		LTS	+0.40	LTE	UTE				510UL	510 BOBBIN EXAM
55	73	69.12	167	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
55	74	69.76	169	P 1	DNT		LTS	+0.27	LTE	UTE				510UL	510 BOBBIN EXAM
55	75	58.12	170	P 1	DNT		LTS	+0.29	LTE	UTE				510UL	510 BOBBIN EXAM
55	76	36.66	172	P 1	DNT		LTS	+0.13	LTE	UTE				510UL	510 BOBBIN EXAM
55	77	12.89	169	P 1	DNT		LTS	+0.16	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	±TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
55	78	10.66	169	P 1	DNT	LTS	+0.11	LTE	UTE					510UL	510 BOBBIN EXAM
55	79	6.65	168	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
55	80	4.30	168	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
55	81	6.49	169	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
		0.35	95	P 2	NQI	LTE	+8.93	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	LTE	+8.93	LTE	LTE					520HF	SPECIAL INTEREST +P
55	89	8.26	176	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
55	90	10.35	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
55	91	9.32	178	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
55	92	23.67	175	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
55	93	22.56	178	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
55	94	4.15	176	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
55	95	5.85	178	P 1	DNT	LTS	-0.95	LTE	UTE					510UL	510 BOBBIN EXAM
55	96	8.07	174	P 1	DNT	LTS	-0.04	LTE	UTE					510UL	510 BOBBIN EXAM
55	97	6.39	180	P 1	DNT	LTS	-0.11	LTE	UTE					510UL	510 BOBBIN EXAM
55	98	6.16	177	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
55	99	6.93	176	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
55	100	4.21	178	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
55	101	4.01	178	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
55	121	0.15	86	P 2	NQI	09S	+0.25	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	09S	+0.25	09S	09S					520HF	SPECIAL INTEREST +P
55	123	0.23	120	P 1	NQI	09S	+0.51	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	09S	+0.51	09S	09S					520HF	SPECIAL INTEREST +P
56	1	0.24	110	P 5	TWD 5	12S	-0.86	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
56	3	0.16	97	P 5	TWD 3	09S	+0.31	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
56	13	1.28	88	6	ADI	14S	+7.64	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	14S	+7.64	14S	14S					520HF	SPECIAL INTEREST +P
56	33	0.62	22	P 4	PID	LTE	+1.43	LTE	LTE					520HF	LTE ROLL +POINT
		0.74	23	P 4	SVI	LTE	+1.43	LTE	LTE	43				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+1.43	LTE	LTE	0.11	0.10			520HF	LTE ROLL +POINT
56	37	3.71	21	P 4	PID	LTE	+0.21	LTE	LTE					520HF	LTE ROLL +POINT
		3.71	25	P 4	SVI	LTE	+0.21	LTE	LTE	51				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.21	LTE	LTE	0.22	0.16			520HF	LTE ROLL +POINT
56	56	2.55	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
56	59	10.82	168	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
56	60	19.19	169	P 1	DNT	LTS	+0.13	LTE	UTE					510UL	510 BOBBIN EXAM
56	61	6.51	168	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
56	62	4.63	165	P 1	DNT	LTS	+0.11	LTE	UTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
56	63	3.51	15	P	4	PID	LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
		2.35	18	P	4	SVI	LTE	+0.14	LTE	LTE	27			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.14	LTE	LTE	0.23	0.19		520HF	LTE ROLL +POINT
56	64	2.53	161	P	1	DNT	LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
56	66	7.25	173	P	1	DNT	LTS	-0.18	LTE	UTE				510UL	510 BOBBIN EXAM
56	67	1.89	25	P	4	PID	LTE	+0.20	LTE	LTE				520HF	LTE ROLL +POINT
		15.57	173	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
		2.31	23	P	4	SVI	LTE	+0.20	LTE	LTE	43			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.20	LTE	LTE	0.26	0.28		520HF	LTE ROLL +POINT
56	68	3.98	175	P	1	DNT	LTS	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
56	69	7.03	165	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
56	70	16.73	168	P	1	DNT	LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
56	71	27.82	170	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
56	72	52.80	171	P	1	DNT	LTS	+0.27	LTE	UTE				510UL	510 BOBBIN EXAM
56	73	62.85	171	P	1	DNT	LTS	+0.27	LTE	UTE				510UL	510 BOBBIN EXAM
56	74	69.66	170	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
56	75	65.21	167	P	1	DNT	LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
56	76	56.41	171	P	1	DNT	LTS	+0.22	LTE	UTE				510UL	510 BOBBIN EXAM
56	77	35.62	171	P	1	DNT	LTS	+0.14	LTE	UTE				510SN	540 BOBBIN EXAM
56	79	9.31	169	P	1	DNT	LTS	+0.13	LTE	UTE				510UL	510 BOBBIN EXAM
56	81	7.96	166	P	1	DNT	LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
56	82	9.48	169	P	1	DNT	LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
56	91	11.47	172	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
56	92	24.26	177	P	1	DNT	LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
56	93	19.87	174	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
56	96	4.34	180	P	1	DNT	LTS	-0.90	LTE	UTE				510UL	510 BOBBIN EXAM
56	97	4.44	179	P	1	DNT	LTS	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
56	98	2.69	181	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
56	99	9.92	177	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
56	100	0.76	83	6	ADI		01S	+20.72	LTE	UTE				510UL	510 BOBBIN EXAM
		11.34	174	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		02S	-17.28	02S	02S				520HF	SPECIAL INTEREST +P
56	102	8.23	175	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
56	103	11.74	175	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
56	114	0.99	84	6	ADI		02S	+20.05	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		03S	-18.95	03S	03S				520HF	SPECIAL INTEREST +P
56	125	0.24	66	P	5	TWD 6	05S	+0.71	UTE	LTE	WAR			540HF	540 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
56	126	0.31	66	P 1	NQI	12S	-0.79	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	12S	-0.79	12S	12S					520HF	SPECIAL INTEREST +P
57	28	1.32	85	6	ADI	13S	+30.93	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	14S	-5.07	14S	14S					520HF	SPECIAL INTEREST +P
57	33	3.71	24	P 4	PID	LTE	+0.20	LTE	LTE					520HF	LTE ROLL +POINT
		3.78	27	P 4	SVI	LTE	+0.15	LTE	LTE	58				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.15	LTE	LTE	0.12	0.09			520HF	LTE ROLL +POINT
57	36				NDF	11S	+14.89	11S	11S					520HF	SPECIAL INTEREST +P
		0.37	13	3	BVC	11S	+14.89	UTE	LTE					540HF	540 BOBBIN EXAM
57	44	4.86	26	P 4	PID	LTE	+0.23	LTE	LTE					520HF	LTE ROLL +POINT
		4.93	26	P 4	SVI	LTE	+0.23	LTE	LTE	54				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.23	LTE	LTE	0.33	0.26			520HF	LTE ROLL +POINT
57	57	3.81	173	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
57	60	17.02	167	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
57	61	12.81	167	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
57	66	6.26	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
57	67	16.78	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
57	68	6.79	173	P 1	DNT	LTS	+0.22	LTE	UTE					510UL	510 BOBBIN EXAM
57	69	1.31	17	P 5	PID	LTE	+0.14	LTE	LTE					520HF	LTE ROLL +POINT
		5.91	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
		10.45	19	P 5	SVI	LTE	+0.14	LTE	LTE	30				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.14	LTE	LTE	0.30	0.09			520HF	LTE ROLL +POINT
57	70	4.20	169	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
57	71	16.75	170	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
57	72	24.81	170	P 1	DNT	LTS	+0.20	LTE	UTE					510UL	510 BOBBIN EXAM
57	73	27.34	170	P 1	DNT	LTS	+0.22	LTE	UTE					510UL	510 BOBBIN EXAM
57	74	42.39	170	P 1	DNT	LTS	+0.05	LTE	UTE					510UL	510 BOBBIN EXAM
57	75	62.72	169	P 1	DNT	LTS	+0.22	LTE	UTE					510UL	510 BOBBIN EXAM
57	76	70.02	170	P 1	DNT	LTS	+0.22	LTE	UTE					510UL	510 BOBBIN EXAM
57	77	55.45	171	P 1	DNT	LTS	+0.11	LTE	UTE					510UL	510 BOBBIN EXAM
57	78	26.22	171	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
57	79	13.73	171	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
57	80	3.19	167	P 1	DNT	LTS	-0.05	LTE	UTE					510UL	510 BOBBIN EXAM
57	82	3.03	165	P 1	DNT	LTS	-0.07	LTE	UTE					510UL	510 BOBBIN EXAM
57	83	5.12	168	P 1	DNT	LTS	+0.13	LTE	UTE					510UL	510 BOBBIN EXAM
57	91	12.66	173	P 1	DNT	LTS	+0.13	LTE	UTE					510UL	510 BOBBIN EXAM
57	92	30.67	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
57	93	15.03	175	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island

Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	*TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
57	94	11.66	174	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
57	96	5.36	175	P	1	DNT	LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
57	97	9.68	176	P	1	DNT	LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
57	98	6.13	175	P	1	DNT	LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
57	99	15.45	175	P	1	DNT	LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
57	100	22.48	173	P	1	DNT	LTS	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
57	101	14.60	176	P	1	DNT	LTS	+0.20	LTE	UTE				510UL	510 BOBBIN EXAM
57	102	13.92	174	P	1	DNT	LTS	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
57	103	31.10	175	P	1	DNT	LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
		2.61	186	P	1	DNT	14S	-12.05	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	14S	-12.45	LTE	UTE				520HF	SPECIAL INTEREST +P
57	104	14.38	174	P	1	DNT	LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
57	120	2.18	173	P	1	INR	LTE	+10.18	LTE	UTE				510UL	510 BOBBIN EXAM
58	56	3.60	173	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
58	57	2.56	175	P	1	DNT	LTS	-0.00	LTE	UTE				510UL	510 BOBBIN EXAM
58	58	0.75	26	P	5	SCI	LTE	+0.12	LTE	UTE				520HF	LTE ROLL +POINT
		0.14	25	P	5	ARC	LTE	+0.12	LTE	UTE				520HF	LTE ROLL +POINT
		0.56	20	P	5	PID	LTE	+0.12	LTE	UTE				520HF	LTE ROLL +POINT
58	60	4.04	149	P	1	DNT	LTS	-0.07	LTE	UTE				510SN	510 BOBBIN EXAM
58	61	7.02	169	P	1	DNT	LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
58	62	3.65	165	P	1	DNT	LTS	-0.01	LTE	UTE				510UL	510 BOBBIN EXAM
58	64	3.07	172	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
58	65	3.28	177	P	1	DNT	LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
58	66	4.98	172	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
58	67	8.17	173	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
58	68	11.15	171	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
58	69	10.86	173	P	1	DNT	LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
58	70	9.21	172	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
58	71	3.05	177	P	1	DNT	LTS	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
58	72	4.55	167	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
58	73	7.81	173	P	1	DNT	LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
58	74	17.35	171	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
58	75	29.98	170	P	1	DNT	LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
58	76	40.45	169	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
58	77	66.27	172	P	1	DNT	LTS	-0.08	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	1TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
58	78	58.79	170	P	1	DNT	LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
58	82	2.60	20	2	PID	LTE	LTS	+0.05	LTE	LTE				520HF	LTE ROLL +POINT
		9.12	19	2	SAI	LTE	LTS	+0.05	LTE	LTE	0.20			520HF	LTE ROLL +POINT
		0.14	0	2	LEN	LTE	LTS	+0.05	LTE	LTE				520HF	LTE ROLL +POINT
58	83	2.63	163	P	1	DNT	LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
58	90	3.09	176	P	1	DNT	LTS	-0.18	LTE	UTE				510UL	510 BOBBIN EXAM
58	91	13.65	175	P	1	DNT	LTS	+0.13	LTE	UTE				510UL	510 BOBBIN EXAM
58	92	28.97	173	P	1	DNT	LTS	-0.13	LTE	UTE				510UL	510 BOBBIN EXAM
58	93	29.01	172	P	1	DNT	LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
58	94	11.83	173	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
58	97	11.71	175	P	1	DNT	LTS	+0.13	LTE	UTE				510UL	510 BOBBIN EXAM
58	98	18.87	173	P	1	DNT	LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
58	99	27.24	176	P	1	DNT	LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
58	100	34.24	173	P	1	DNT	LTS	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
58	101	41.67	176	P	1	DNT	LTS	+0.16	LTE	UTE				510UL	510 BOBBIN EXAM
58	102	37.45	173	P	1	DNT	LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
58	103	24.43	176	P	1	DNT	LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
58	104	14.91	175	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
58	123	0.14	123	3	NQI	02S	02S	+18.65	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF	02S	02S	+18.65	02S	02S				520HF	SPECIAL INTEREST +P
58	125	0.11	95	P	1	NQI	09S	+0.25	UTE	LTE				510UL	510 BOBBIN EXAM
		0.12	94	P	2	NQI	LTS	-0.36	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF	09S	09S	+0.25	09S	09S				520HF	SPECIAL INTEREST +P
					NDF	LTS	LTS	-0.36	LTS	LTS				520HF	SPECIAL INTEREST +P
59	1	0.10	129	P	1	NQI	04S	+0.34	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	04S	04S	+0.34	04S	04S				520HF	SPECIAL INTEREST +P
59	4	0.18	79	P	1	NQI	07S	+0.72	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	07S	07S	+0.72	07S	07S				520HF	SPECIAL INTEREST +P
59	5	0.32	62	P	5	TWD	8	-0.78	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
59	8	0.12	58	P	1	NQI	09S	-0.43	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	09S	09S	-0.43	09S	09S				520HF	SPECIAL INTEREST +P
59	21	0.67	86	6	ADI	02S	03S	+25.87	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	03S	03S	-13.91	03S	03S				520HF	SPECIAL INTEREST +P
					NDF	03S	03S	-13.13	03S	03S				520HF	SPECIAL INTEREST +P
59	34	2.07	183	P	1	INR	14S	+9.84	LTE	UTE				510UL	510 BOBBIN EXAM
59	35	0.19	49	P	5	TWD	5	+0.75	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
59	54	3.00	176	P	1	DNT	LTS	-0.03	LTE	UTE				510UL	510 BOBBIN EXAM
59	58	2.54	168	P	1	DNT	LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island

Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
59	59	2.55	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
59	60	3.05	176	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
59	61	3.82	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
59	62	4.24	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
59	63	3.69	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
59	64	5.77	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
		1.37	26	P 5	SVI	LTE	+0.21	LTE	LTE	0.44		0.25		520HF	LTE ROLL +POINT
		1.57	14	P 5	PID	LTE	+0.21	LTE	LTE	36				520HF	LTE ROLL +POINT
59	65	11.42	171	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
59	66	8.96	172	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
59	67	15.82	170	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
		0.48	134	3	NQI	03S	+36.31	LTE	UTE					510UL	510 BOBBIN EXAM
		2.05	158	1	MBM	04S	-3.69	04S	04S	HR				520HF	SPECIAL INTEREST +P
59	68	9.27	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
59	71	2.55	176	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
59	72	3.41	171	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
9	73	17.15	171	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
59	74	27.89	171	P 1	DNT	LTS	-0.13	LTE	UTE					510UL	510 BOBBIN EXAM
59	75	35.94	171	P 1	DNT	LTS	+0.27	LTE	UTE					510UL	510 BOBBIN EXAM
59	76	36.32	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
59	77	15.76	170	P.1	DNT	LTS	+0.16	LTE	UTE					510UL	510 BOBBIN EXAM
59	82	0.54	23	P 4	SVI	LTE	+0.89	LTE	LTE	43				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.89	LTE	LTE	0.11		0.10		520HF	LTE ROLL +POINT
		0.54	14	P 4	PID	LTE	+0.89	LTE	LTE					520HF	LTE ROLL +POINT
59	84	3.23	184	P 1	DNT	12S	+1.03	LTE	UTE					510UL	510 BOBBIN EXAM
		0.20	67	3	NQI	10S	+19.44	LTE	UTE					510UL	510 BOBBIN EXAM
		0.26	105	3	NQI	10S	+18.17	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	12S	+1.03	12S	12S					520HF	SPECIAL INTEREST +P
					NDF	11S	-17.83	11S	11S					520HF	SPECIAL INTEREST +P
					NDF	11S	-16.56	11S	11S					520HF	SPECIAL INTEREST +P
59	87	3.84	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
59	88	23.72	176	P 1	DNT	LTS	+0.11	LTE	UTE					510UL	510 BOBBIN EXAM
59	89	27.14	173	P 1	DNT	LTS	-0.13	LTE	UTE					510UL	510 BOBBIN EXAM
59	90	12.96	176	P 1	DNT	LTS	+0.13	LTE	UTE					510UL	510 BOBBIN EXAM
59	94	7.71	177	P 1	DNT	LTS	-0.23	LTE	UTE					510UL	510 BOBBIN EXAM
59	95	28.89	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
59	96	48.98	175	P 1	DNT	LTS	+0.13	LTE	UTE					510UL	510 BOBBIN EXAM
59	97	35.07	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
59	98	22.25	176	P 1	DNT		LTS	+0.16	LTE	UTE				510UL	510 BOBBIN EXAM
59	99	5.97	174	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
59	122	0.20	110	P 1	NQI		10S	+0.50	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		10S	+0.50	10S	10S				520HF	SPECIAL INTEREST +P
60	2	0.19	79	P 1	NQI		15S	+0.34	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		15S	+0.34	15S	15S				520HF	SPECIAL INTEREST +P
60	3	0.38	71	P 5	TWD 8		12S	-0.83	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
60	6	0.38	82	P 5	TWD 8		12S	-0.77	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
60	18	1.81	84	6	ADI		01S	+6.49	LTE	UTE				510UL	510 BOBBIN EXAM
		0.95	74	6	ADI		03S	+1.26	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		03S	+1.26	03S	03S				520HF	SPECIAL INTEREST +P
					NDF		01S	+6.49	01S	01S				520HF	SPECIAL INTEREST +P
60	22	0.31	34	P 1	NQI		06S	+0.79	LTE	UTE				510UL	510 BOBBIN EXAM
		0.28	83	P 2	TWD 7		06S	+0.79	06S	06S	WAR			520HF	SPECIAL INTEREST +P
60	36	0.48	25	P 1	NQI		02S	+0.82	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		02S	+0.82	02S	02S				520HF	SPECIAL INTEREST +P
60	42	1.99	18	P 4	PID		LTE	+0.19	LTE	LTE				520HF	LTE ROLL +POINT
		2.02	20	P 4	SVI		LTE	+0.19	LTE	LTE	33			520HF	LTE ROLL +POINT
		0	12	CLP			LTE	+0.19	LTE	LTE	0.11	0.15		520HF	LTE ROLL +POINT
60	59	2.66	173	P 1	DNT		LTS	-0.45	LTE	UTE				510UL	510 BOBBIN EXAM
60	60	6.39	176	P 1	DNT		LTS	-0.28	LTE	UTE				510SN	510 BOBBIN EXAM
60	61	5.47	174	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
60	62	4.67	181	P 1	DNT		LTS	+0.00	LTE	UTE				510SN	510 BOBBIN EXAM
60	63	2.89	173	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
60	64	4.65	172	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
60	65	0.58	139	3	NQI		LTE	+18.64	LTE	UTE				510UL	510 BOBBIN EXAM
		5.70	173	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	-5.36	LTS	LTS				520HF	SPECIAL INTEREST +P
60	66	7.55	173	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
60	67	13.92	174	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
60	68	15.32	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
60	70	11.93	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
60	71	4.94	175	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
60	73	5.69	176	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
		1.71	23	P 4	SVI		LTE	+0.11	LTE	LTE	43			520HF	LTE ROLL +POINT
		0	12	CLP			LTE	+0.11	LTE	LTE	0.16	0.15		520HF	LTE ROLL +POINT
		2.77	21	P 4	PID		LTE	+0.11	LTE	LTE				520HF	LTE ROLL +POINT
60	74	7.96	173	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
60	75	10.01	176	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
60	76	7.78	172	P 1	DNT		LTS	-0.22	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
60	77	15.93	172	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
60	78	22.25	169	P 1	DNT		LTS	+0.16	LTE	UTE				510UL	510 BOBBIN EXAM
60	79	28.43	173	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
60	80	10.37	169	P 1	DNT		LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
60	83	0.54	11	3	TWD 37		15S	+39.51	UTE	LTE				540HF	540 BOBBIN EXAM
		0.25	13	P 5	VOL		UTS	-7.16	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-7.16	UTS	UTS	0.21	0.18		520HF	SPECIAL INTEREST +P
60	87	1.42	11	P 4	PID		LTE	+0.13	LTE	LTE				520HF	LTE ROLL +POINT
		2.52	192	P 4	SVI		LTE	+0.13	LTE	LTE	13			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.13	LTE	LTE	0.17	0.15		520HF	LTE ROLL +POINT
60	88	1.81	88	6	ADI		13S	+6.06	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		13S	+6.06	13S	13S				520HF	SPECIAL INTEREST +P
60	92	9.80	175	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
60	93	6.33	172	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
60	96	5.02	4	3	IDC		04S	+2.94	TO+74.27	LTE	UTE			510UL	510 BOBBIN EXAM
					NDF		04S	+2.94	TO+74.27	06S	04S			520HF	SPECIAL INTEREST +P
60	98	6.96	174	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
60	99	24.99	174	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
60	100	12.87	175	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
60	101	7.65	175	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
60	126				NDF		06S	-3.57	06S	06S				520HF	SPECIAL INTEREST +P
		2.82	177	P 1	DNT		05S	+33.43	UTE	LTE				510UL	510 BOBBIN EXAM
60	127	1.51	85	6	ADI		13S	+23.63	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		14S	-12.37	14S	14S				520HF	SPECIAL INTEREST +P
61	36	1.75	79	6	ADI		03S	+5.83	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		03S	+5.83	03S	03S				520HF	SPECIAL INTEREST +P
61	58	5.44	180	P 1	DNT		LTS	-0.24	LTE	UTE				510SN	510 BOBBIN EXAM
61	59	0.12	90	P 1	NQI		06S	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
		4.50	173	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
		0.08	34	P 2	TWD 3		06S	+0.13	06S	06S	WAR			520HF	SPECIAL INTEREST +P
61	60	3.90	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
61	62	2.51	172	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
61	63	4.80	177	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
61	64	6.91	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
61	65	11.16	174	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
61	66	14.24	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
61	67	10.87	172	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
		0.24	110	P 2	NQI		LTE	+15.34	LTE	UTE				510UL	510 BOBBIN EXAM
		0.33	122	P 2	NQI		LTE	+13.32	LTE	UTE				510UL	510 BOBBIN EXAM
			2		NDF		LTS	-5.68	LTS	LTS				520HF	SPECIAL INTEREST +P
			2		NDF		LTS	-7.66	LTS	LTS				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
61	68	9.06	170	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
61	69	5.66	175	P 1	DNT	LTS	-0.07	LTE	UTE					510UL	510 BOBBIN EXAM
61	71	3.23	177	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
61	72	9.96	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
61	73	14.21	174	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
61	74	19.81	172	P 1	DNT	LTS	+0.04	LTE	UTE					510SN	510 BOBBIN EXAM
61	75	9.73	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
61	76	7.75	172	P 1	DNT	LTS	-0.12	LTE	UTE					510UL	510 BOBBIN EXAM
61	77	9.83	167	P 1	DNT	LTS	-0.00	LTE	UTE					510UL	510 BOBBIN EXAM
61	78	6.40	168	P 1	DNT	LTS	+0.11	LTE	UTE					480UL	510 BOBBIN EXAM
		6.78	167	P 1	DNT	LTS	-0.00	LTE	UTE					510UL	510 BOBBIN EXAM
61	85	3.27	165	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
61	92	1.07	82	6	ADI	03S	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	04S	-14.00	LTE	UTE					520HF	SPECIAL INTEREST +P
61	98	0.19	70	3	NQI	08S	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	09S	-8.00	LTE	UTE					520HF	SPECIAL INTEREST +P
61	120				NDF	06S	-1.00	LTE	UTE					520HF	SPECIAL INTEREST +P
		0.10	83	P 1	NQI	06S	-1.00	LTE	UTE					510UL	510 BOBBIN EXAM
61	123	0.28	116	P 5	TWD 7	10S	-0.00	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
62	5	0.60	87	P 5	TWD 18	12S	-0.70	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
62	51	0.37	95	P 2	TWD 10	07S	+0.00	LTE	UTE	WAR				520HF	SPECIAL INTEREST +P
		0.34	82	P 5	NQI	07S	+0.70	LTE	UTE					510UL	510 BOBBIN EXAM
62	53	0.25	78	P 2	TWD 7	06S	+0.70	LTE	UTE	WAR				520HF	SPECIAL INTEREST +P
		0.19	50	P 1	NQI	06S	+0.70	LTE	UTE					510UL	510 BOBBIN EXAM
62	64	2.60	170	P 1	DNT	LTS	-0.00	LTE	UTE					510SN	510 BOBBIN EXAM
62	65	7.12	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
62	66	12.25	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
62	67	14.51	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
62	68	10.66	172	P 1	DNT	LTS	-0.06	LTE	UTE					510UL	510 BOBBIN EXAM
62	69	7.88	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
62	70	4.81	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
62	73	3.12	177	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
62	74	11.91	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
62	75	10.13	173	P 1	DNT	LTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
62	76	19.02	172	P 1	DNT	LTS	-0.04	LTE	UTE					510UL	510 BOBBIN EXAM
62	77	8.92	174	P 1	DNT	LTS	+0.10	LTE	UTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
62	86	7.31	168	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
62	87	3.62	173	P 1	DNT	LTS	+0.04	LTE	UTE					510UL	510 BOBBIN EXAM
62	101	0.18	86	3	NQI	LTS	+10.02	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	LTS	+10.02	LTS	LTS					520HF	SPECIAL INTEREST +P
62	127	0.23	83	P 5	TWD 6	10S	+0.55	UTE	LTE	WAR				510UL	510 BOBBIN EXAM
63	2	0.25	109	P 1	NQI	12S	-0.79	14S	LTE					510UL	510 BOBBIN EXAM
					NDF	12S	-0.79	12S	12S					520HF	SPECIAL INTEREST +P
63	6	0.32	81	P 5	TWD 11	12S	-0.63	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
63	12	0.26	59	P 5	TWD 9	08S	+0.81	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
63	14	1.93	27	P 5	VOL	ETL	+2.74	ETL	ETL	58				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.74	ETL	ETL	0.20	0.14			520HF	KINETIC EXP +POINT
63	51	0.49	67	P 5	TWD 10	07S	+0.75	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
63	58	4.49	157	P 1	DNT	LTS	+0.09	LTE	UTE					510SN	510 BOBBIN EXAM
63	59	2.60	163	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
63	63	0.14	33	P 5	TWD 3	06S	-0.29	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
63	65	4.18	176	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
63	66	12.07	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
63	67	16.08	175	P 1	DNT	LTS	-0.11	LTE	UTE					510UL	510 BOBBIN EXAM
63	68	12.17	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
63	69	7.73	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
63	70	4.04	186	P 1	DNT	LTS	-0.04	LTE	UTE					510SN	510 BOBBIN EXAM
63	71	2.83	182	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
63	72	3.13	159	P 1	DNT	LTS	+0.04	LTE	UTE					510SN	510 BOBBIN EXAM
63	74	2.08	176	P 1	INR	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
63	75	5.37	175	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
63	76	9.13	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
63	77	10.62	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
63	78	4.09	175	P 1	DNT	LTS	-0.04	LTE	UTE					510UL	510 BOBBIN EXAM
63	84	0.27	118	3	NQI	11S	+2.79	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	11S	+2.79	11S	11S					520HF	SPECIAL INTEREST +P
63	86	4.34	168	P 1	DNT	LTS	+0.11	LTE	UTE					510UL	510 BOBBIN EXAM
63	87	11.15	170	P 1	DNT	LTS	+0.04	LTE	UTE					510UL	510 BOBBIN EXAM
63	88	0.97	86	6	ADI	13S	+22.88	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	14S	-13.12	14S	14S					520HF	SPECIAL INTEREST +P
63	108	1.14	7	3	TWD 23	05S	+30.53	UTE	LTE					540HF	540 BOBBIN EXAM
			0	12	CLP	06S	-6.69	06S	06S	0.27	0.21			520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	ITW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.44	33	P 5	VOL		06S	-6.69	06S	06S				520HF	SPECIAL INTEREST +P
64	2	0.22	90	P 1	NQI		12S	-0.79	14S	LTE				510UL	510 BOBBIN EXAM
					NDF		12S	-0.79	12S	12S				520HF	SPECIAL INTEREST +P
64	7	0.30	66	P 5	TWD 6		12S	-0.79	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
64	27	0.35	12	3	INR		13S	+25.88	LTE	UTE				510UL	510 BOBBIN EXAM
64	30	0.16	104	3	NQI		15S	+33.64	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-12.74	UTS	UTS				520HF	SPECIAL INTEREST +P
64	58	5.89	167	P 1	DNT		LTS	-0.28	LTE	UTE				510UL	510 BOBBIN EXAM
64	59	12.52	168	P 1	DNT		LTS	+0.13	LTE	UTE				510SN	510 BOBBIN EXAM
64	60	7.35	167	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
		0.19	104	P 1	NQI		06S	+0.05	LTE	UTE				510UL	510 BOBBIN EXAM
		0.18	69	P 2	TWD 6		06S	-0.06	06S	06S	WAR			520HF	SPECIAL INTEREST +P
64	61	4.67	168	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
64	62	1.11	43	P 4	SVI		LTE	+0.21	LTE	LTE	97			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.21	LTE	LTE	0.19	0.15		520HF	LTE ROLL +POINT
		3.03	21	P 4	PID		LTE	+0.21	LTE	LTE				520HF	LTE ROLL +POINT
64	65	3.61	159	P 1	DNT		LTS	+0.07	LTE	UTE				510SN	510 BOBBIN EXAM
64	67	5.92	175	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
64	68	4.54	175	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
64	69	3.55	175	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
64	70	4.69	177	P 1	DNT		LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
64	72	2.57	175	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
64	73	3.74	165	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
64	74	3.17	169	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
64	77	4.06	173	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
64	78	8.18	174	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
64	79	6.72	173	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
64	82	0.69	82	6	ADI		LTS	+42.11	LTE	UTE				510UL	510 BOBBIN EXAM
		1.00	84	6	ADI		LTS	+43.95	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		01S	-3.89	01S	01S				520HF	SPECIAL INTEREST +P
					NDF		01S	-2.05	01S	01S				520HF	SPECIAL INTEREST +P
64	83	0.66	6	3	TWD 20		15S	+31.90	UTE	LTE				540HF	540 BOBBIN EXAM
		3.12	167	P 1	DNT		LTS	-0.04	UTE	LTE				540HF	540 BOBBIN EXAM
		0.21	21	P 5	VOL		UTS	-14.73	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-14.73	UTS	UTS	0.20	0.19		520HF	SPECIAL INTEREST +P
		0.39	14	P 5	VOL		UTS	-15.94	UTS	UTS				520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS	-15.94	UTS	UTS	0.16	0.09		520HF	SPECIAL INTEREST +P
64	87	11.18	166	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
64	88	9.31	173	P 1	DNT		LTS	+0.13	LTE	UTE				510UL	510 BOBBIN EXAM
64	113	3.92	28	2	PID		LTE	+0.24	LTE	LTE				520HF	LTE ROLL +POINT
		0.22	0	2	LEN		LTE	+0.24	LTE	LTE				520HF	LTE ROLL +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			21	2	SAI		LTE	LTE	LTE	0.31	LAR			520HF	LTE ROLL +POINT
		4.77													
64	124	1.77	23	P 4	PID		LTE	+0.19	LTE	LTE				520HF	LTE ROLL +POINT
		1.79	18	P 4	SVI		LTE	+0.19	LTE	LTE	27			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.19	LTE	LTE	0.22	0.22		520HF	LTE ROLL +POINT
64	127				NDF		06S	-0.82	06S	06S				520HF	SPECIAL INTEREST +P
		0.18	84	P 1	NQI		06S	-0.82	UTE	LTE				510UL	510 BOBBIN EXAM
65	2	0.20	108	P 1	NQI		13S	-0.79	14S	LTE				510UL	510 BOBBIN EXAM
		0.27	121	P 1	NQI		12S	-0.79	14S	LTE				510UL	510 BOBBIN EXAM
					NDF		12S	-0.79	12S	12S				520HF	SPECIAL INTEREST +P
					NDF		13S	-0.79	13S	13S				520HF	SPECIAL INTEREST +P
65	7	0.15	77	P 5	INR		09S	-0.29	LTE	UTE				510UL	510 BOBBIN EXAM
65	27	0.93	7	P 5	PID		LTE	+0.26	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.26	LTE	LTE	0.18	0.14		520HF	LTE ROLL +POINT
		0.54	12	P 5	SVI		LTE	+0.26	LTE	LTE	13			520HF	LTE ROLL +POINT
65	34	0.29	69	P 5	TWD 7		05S	+0.69	UTE	LTE	WAR			540HF	540 BOBBIN EXAM
65	47				NDF		02S	+7.02	02S	02S				520HF	SPECIAL INTEREST +P
		1.32	50	6	ADI		02S	+6.84	UTE	LTE				540HF	540 BOBBIN EXAM
65	57	0.57	54	6	ADI		08S	+17.64	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		08S	+17.64	08S	08S				520HF	SPECIAL INTEREST +P
65	58	11.28	163	P 1	DNT		LTS	+0.13	LTE	UTE				510SN	510 BOBBIN EXAM
65	59	17.24	170	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
65	60	10.92	164	P 1	DNT		LTS	+0.15	LTE	UTE				510SN	510 BOBBIN EXAM
65	64	3.02	163	P 1	DNT		LTS	+0.07	LTE	UTE				510SN	510 BOBBIN EXAM
65	67	2.99	172	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
65	71	4.07	170	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
65	72	3.33	166	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
65	73	3.56	170	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
65	74	3.44	167	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
65	75	3.16	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
65	76	2.72	165	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
65	77	13.90	175	P 1	DNT		LTS	-0.05	LTE	UTE				510UL	510 BOBBIN EXAM
65	78	19.13	173	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
		2.00	187	P 1	INR		03S	+35.61	LTE	UTE				510UL	510 BOBBIN EXAM
65	79	12.18	175	P 1	DNT		LTS	+0.13	LTE	UTE				510UL	510 BOBBIN EXAM
65	80	5.07	174	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
65	85	3.47	163	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
65	86	4.70	166	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
65	87	9.19	171	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
		1.64	88	6	ADI		14S	+14.89	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		14S	+14.89	14S	14S				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
65	97	5.13	179	3	IDC	02S	+23.69 TO+128.51	UTE	LTE					540HF	540 BOBBIN EXAM
					NDF	03S	-15.31 TO+89.51	05S	03S					520HF	SPECIAL INTEREST +P
65	124	0.46	97	P 5	TWD	11	09S	-0.79	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
66	3	0.34	126	P 5	TWD	9	12S	-0.67	14S	LTE	WAR			510UL	510 BOBBIN EXAM
66	6	0.27	66	P 1	INR		12S	-0.79	LTE	UTE				510UL	510 BOBBIN EXAM
66	37	0.21	101	3	NQI	04S	+17.52	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	04S	+17.52	04S	04S					520HF	SPECIAL INTEREST +P
66	43	1.46	77	6	ADI	02S	+21.57	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	03S	-17.43	03S	03S					520HF	SPECIAL INTEREST +P
66	46				NDF	07S	-18.75	07S	07S					520HF	SPECIAL INTEREST +P
					NDF	07S	-19.40	07S	07S					520HF	SPECIAL INTEREST +P
					NDF	04S	+13.52	04S	04S					520HF	SPECIAL INTEREST +P
					NDF	02S	+0.96	02S	02S					520HF	SPECIAL INTEREST +P
					NDF	02S	+1.67	02S	02S					520HF	SPECIAL INTEREST -F
					NDF	02S	+5.82	02S	02S					520HF	SPECIAL INTEREST +P
					NDF	02S	+8.16	02S	02S					520HF	SPECIAL INTEREST +P
	4.72		182	P 1	DNT	02S	+0.96	LTE	UTE					510UL	510 BOBBIN EXAM
	16.10		180	P 1	DNT	02S	+1.67	LTE	UTE					510UL	510 BOBBIN EXAM
	2.64		179	P 1	DNT	02S	+5.82	LTE	UTE					510UL	510 BOBBIN EXAM
	3.61		183	P 1	DNT	02S	+8.16	LTE	UTE					510UL	510 BOBBIN EXAM
	4.14		179	P 1	DNT	04S	+13.52	LTE	UTE					510UL	510 BOBBIN EXAM
	3.37		182	P 1	DNT	06S	+19.60	LTE	UTE					510UL	510 BOBBIN EXAM
	4.00		181	P 1	DNT	06S	+20.25	LTE	UTE					510UL	510 BOBBIN EXAM
66	51	0.22	69	P 1	NQI	07S	+0.73	LTE	UTE					510UL	510 BOBBIN EXAM
		0.27	90	P 2	TWD	7	07S	+0.62	07S	07S	WAR			520HF	SPECIAL INTEREST +P
66	57	0.33	99	3	NQI	10S	+1.56	LTE	UTE					510SN	510 BOBBIN EXAM
					NDF	10S	+1.56	10S	10S	HR				520HF	SPECIAL INTEREST +P
66	58	0.98	87	6	ADI	05S	+26.05	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	06S	-10.95	06S	06S					520HF	SPECIAL INTEREST +P
66	59	8.48	165	P 1	DNT	LTS	+0.11	LTE	UTE					510SN	510 BOBBIN EXAM
66	60	9.78	168	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
66	61	4.02	154	P 1	DNT	LTS	+0.09	LTE	UTE					510SN	510 BOBBIN EXAM
66	69	7.47	163	P 1	DNT	LTS	+0.11	LTE	UTE					510SN	510 BOBBIN EXAM
66	70	6.68	167	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
66	71	12.42	168	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
66	72	4.65	168	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
66	73	3.57	162	P 1	DNT	LTS	+0.04	LTE	UTE					510SN	510 BOBBIN EXAM
66	74	4.78	171	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
66	75	4.21	157	P 1	DNT	LTS	+0.00	LTE	UTE					510SN	510 BOBBIN EXAM
66	76	2.80	171	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
66	77	9.53	171	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
66	78	16.86	175	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
66	79	16.81	173	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
66	81	6.11	180	P 1	DNT		LTS	-0.29	LTE	UTE				510UL	510 BOBBIN EXAM
66	85	3.21	165	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
66	86	4.02	163	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
66	87	6.29	169	P 1	DNT		LTS	+0.13	LTE	UTE				510UL	510 BOBBIN EXAM
66	88	6.54	170	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
66	125	1.60	18	P 4	PID		LTE	+0.23	LTE	LTE				520HF	LTE ROLL +POINT
		1.64	22	P 4	MVI		LTE	+0.23	LTE	LTE	40	2		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.23	LTE	LTE	0.20	0.16		520HF	LTE ROLL +POINT
66	126				NDF		06S	-0.80	06S	06S				520HF	SPECIAL INTEREST +P
		3.30	23	P 4	PID		LTE	+0.19	LTE	LTE				520HF	LTE ROLL +POINT
		0.15	67	P 1	NQI		06S	-0.80	LTE	LTE				510UL	510 BOBBIN EXAM
			0	12	CLP		LTE	+0.19	LTE	LTE	0.17	0.19		520HF	LTE ROLL +POINT
		2.71	21	P 4	SVI		LTE	+0.19	LTE	LTE	36	LAR		520HF	LTE ROLL +POINT
67	4	0.21	99	P 1	NQI		12S	-0.77	LTE	LTE				510UL	510 BOBBIN EXAM
					NDF		12S	-0.77	LTE	LTE				520HF	SPECIAL INTEREST +P
67	13	18.82	42	P 5	SCI		ETL	+6.59	ETL	ETL	98			520HF	KINETIC EXP +POINT
		0.25	46	P 5	ARC		ETL	+6.59	ETL	ETL				520HF	KINETIC EXP +POINT
		3.85	20	P 4	SVI		LTE	+0.21	LTE	LTE	33	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.21	LTE	LTE	0.16	0.29		520HF	LTE ROLL +POINT
		4.93	17	2	PID		LTE	+0.21	LTE	LTE				520HF	LTE ROLL +POINT
67	21	0.29	81	3	NQI		03S	-21.1	LTE	LTE				510UL	510 BOBBIN EXAM
					NDF		04S	-19.1	LTE	LTE				520HF	SPECIAL INTEREST +P
67	25	0.31	82	P 5	TWD 6		05S	-0.77	LTE	LTE				510UL	510 BOBBIN EXAM
67	59	4.52	170	P 1	DNT		LTS	+0.01	LTE	UTE				510UL	510 BOBBIN EXAM
67	60	3.82	161	P 1	DNT		LTS	+0.08	LTE	UTE				510SN	510 BOBBIN EXAM
67	69	7.30	164	P 1	DNT		LTS	+0.09	LTE	UTE				510SN	510 BOBBIN EXAM
67	70	8.19	169	P 1	DNT		LTS	-0.20	LTE	UTE				510UL	510 BOBBIN EXAM
67	71	12.62	167	P 1	DNT		LTS	-0.02	LTE	UTE				510SN	510 BOBBIN EXAM
67	72	18.53	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
67	73	4.44	166	P 1	DNT		LTS	+0.02	LTE	UTE				510SN	510 BOBBIN EXAM
67	74	2.92	165	P 1	DNT		LTS	-0.43	LTE	UTE				510UL	510 BOBBIN EXAM
67	75	3.47	162	P 1	DNT		LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
67	76	10.66	172	P 1	DNT		LTS	+0.10	LTE	UTE				510UL	510 BOBBIN EXAM
67	77	10.65	175	P 1	DNT		LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
67	78	14.61	172	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
67	85	4.69	167	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
67	86	4.10	163	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
67	87	11.27	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
67	88	5.29	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
67	104	0.23	99	3	NQI		LTS	+2.27	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	+2.27	LTS	LTS				520HF	SPECIAL INTEREST +P
67	126	0.31	100	P 5	TWD 8		09S	+0.46	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
		3.46	23	P 4	PID		LTE	+0.21	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.21	LTE	LTE	0.22	0.24		520HF	LTE ROLL +POINT
		2.98	25	P 4	SVI		LTE	+0.21	LTE	LTE	51	LAR		520HF	LTE ROLL +POINT
68	4	0.91	186	P 5	PID		LTE	+0.15	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.15	LTE	LTE	0.17	0.15		520HF	LTE ROLL +POINT
		1.27	26	P 5	SVI		LTE	+0.15	LTE	LTE	54			520HF	LTE ROLL +POINT
68	25	0.24	64	P 5	TWD 8		08S	+0.76	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
68	62	0.46	75	P 5	TWD 13		07S	+0.75	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
68	63	0.18	68	3	NQI		06S	+12.31	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		06S	+12.31	06S	06S				520HF	SPECIAL INTEREST +P
68	72	15.96	170	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
68	73	16.34	168	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
68	74	5.54	169	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
68	75	3.57	163	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
68	76	5.59	176	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
68	77	8.12	170	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
68	78	11.57	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
68	84	5.38	163	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
68	85	5.66	170	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
68	86	7.42	167	P 1	DNT		LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
68	87	8.36	170	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
68	88	9.34	170	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
68	96	1.35	87	6	ADI		15S	+36.57	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-9.80	UTS	UTS				520HF	SPECIAL INTEREST +P
68	122	0.15	0	2	LEN		LTE	+0.16	LTE	LTE				520HF	LTE ROLL +POINT
		2.42	30	2	SAI		LTE	+0.16	LTE	LTE	0.19	LAR		520HF	LTE ROLL +POINT
		2.77	26	2	PID		LTE	+0.16	LTE	LTE				520HF	LTE ROLL +POINT
68	127				NDF		05S	-0.71	05S	05S				520HF	SPECIAL INTEREST +P
		0.17	86	P 1	NQI		05S	-0.71	UTE	LTE				510UL	510 BOBBIN EXAM
69	3	0.21	93	P 1	NQI		12S	-0.79	14S	LTE				510UL	510 BOBBIN EXAM
		0.26	114	P 2	TWD 6		12S	-0.80	12S	12S	WAR			520HF	SPECIAL INTEREST +P
69	9	3.37	192	1	DNT		MSR	+10.36	LSE	USE				400UL	SLEEVE BOBBIN
		4.63	192	1	DNT		MSR	+10.98	LSE	USE				400UL	SLEEVE BOBBIN
		3.78	192	1	DNT		MSR	+13.15	LSE	USE				400UL	SLEEVE BOBBIN
					NDF		MSR	+10.36	LSE	MSR				400PP	SPECIAL INTEREST +P
					NDF		MSR	+10.98	LSE	MSR				400PP	SPECIAL INTEREST +P
					NDF		MSR	+13.15	LSE	MSR				400PP	SPECIAL INTEREST +P
69	73	7.39	161	P 1	DNT		LTS	+0.09	LTE	UTE				510SN	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island

Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
				12	CLP		LTE			+1.76				520HF	LTE ROLL +POINT
		0.43	28	P 5	SVI		LTE			+1.76				520HF	LTE ROLL +POINT
		0.40	32	P 5	PID		LTE			+1.76				520HF	LTE ROLL +POINT
69	74	14.79	170	P 1	DNT		LTS			+0.00				510UL	510 BOBBIN EXAM
69	75	6.63	167	P 1	DNT		LTS			+0.00				510UL	510 BOBBIN EXAM
69	76	2.67	171	P 1	DNT		LTS			+0.00				510UL	510 BOBBIN EXAM
69	77	6.85	171	P 1	DNT		LTS			+0.00				510UL	510 BOBBIN EXAM
69	78	12.30	173	P 1	DNT		LTS			+0.18				510UL	510 BOBBIN EXAM
69	79	12.71	175	P 1	DNT		LTS			+0.00				510UL	510 BOBBIN EXAM
69	83	3.01	164	P 1	DNT		LTS			-0.61				510UL	510 BOBBIN EXAM
69	84	13.79	170	P 1	DNT		LTS			+0.00				510UL	510 BOBBIN EXAM
69	85	9.69	169	P 1	DNT		LTS			+0.16				510UL	510 BOBBIN EXAM
69	86	16.65	173	P 1	DNT		LTS			+0.00				510UL	510 BOBBIN EXAM
69	87	13.19	171	P 1	DNT		LTS			+0.11				510UL	510 BOBBIN EXAM
69	88	16.77	174	P 1	DNT		LTS			+0.00				510UL	510 BOBBIN EXAM
69	89	8.94	173	P 1	DNT		LTS			-0.97				510UL	510 BOBBIN EXAM
69	99	0.23	106	3	NQI		15S			+44.65				510UL	510 BOBBIN EXAM
					NDF		UTS			-1.73				520HF	SPECIAL INTEREST +P
69	118				NDF		01S			+5.65				520HF	SPECIAL INTEREST +P
		0.21	72	3	NQI		01S			+5.65				510UL	510 BOBBIN EXAM
69	127				NDF		09S			+0.45				520HF	SPECIAL INTEREST +P
		0.22	124	P 1	NQI		09S			+0.45				510UL	510 BOBBIN EXAM
69	132	0.30	94	P 5	TWD 7		06S			-0.82				510UL	510 BOBBIN EXAM
70	2	0.29	108	P 5	TWD 8		12S			-0.82				510UL	510 BOBBIN EXAM
70	5	0.11	57	P 2	INR		10S			+0.00				510UL	510 BOBBIN EXAM
70	6	0.20	129	P 1	NQI		12S			-0.79				510UL	510 BOBBIN EXAM
					NDF		12S			-0.79				520HF	SPECIAL INTEREST +P
70	16	0.24	80	3	INR		05S			+31.48				510UL	510 BOBBIN EXAM
70	19	0.25	89	P 5	NQI		10S			+0.69				510UL	510 BOBBIN EXAM
		0.33	84	P 2	TWD 8		10S			+0.69				520HF	SPECIAL INTEREST +P
70	22	0.39	204	P 5	PID		LTE			+1.49				520HF	LTE ROLL +POINT
		0.26	21	P 5	SVI		LTE			+1.49				520HF	LTE ROLL +POINT
			0	12	CLP		LTE			+1.49				520HF	LTE ROLL +POINT
70	72	3.34	174	P 1	DNT		LTS			+0.00				510UL	510 BOBBIN EXAM
70	73	10.02	169	P 1	DNT		LTS			+0.00				510UL	510 BOBBIN EXAM
70	74	14.49	170	P 1	DNT		LTS			+0.00				510UL	510 BOBBIN EXAM
70	75	8.70	168	P 1	DNT		LTS			+0.00				510UL	510 BOBBIN EXAM
70	76	6.48	174	P 1	DNT		LTS			+0.00				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
70	77	15.44	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
70	78	16.26	175	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
70	79	14.71	175	P 1	DNT	LTS	-0.07	LTE	UTE					510UL	510 BOBBIN EXAM
70	81	3.02	170	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
70	82	11.20	176	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
70	83	19.57	172	P 1	DNT	LTS	+0.11	LTE	UTE					510UL	510 BOBBIN EXAM
70	84	35.00	175	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
70	85	21.54	173	P 1	DNT	LTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
70	86	18.18	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
70	87	18.41	171	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
70	88	18.31	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
70	89	3.45	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
70	96	1.55	89	6	ADI	04S	+3.28	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	04S	+3.28	04S	04S					520HF	SPECIAL INTEREST +P
70	123	3.44	28	P 4	SVI	LTE	+0.23	LTE	LTE	63				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.23	LTE	LTE	0.17	0.10			520HF	LTE ROLL +POINT
		3.61	20	P 4	PID	LTE	+0.23	LTE	LTE					520HF	LTE ROLL +POINT
71	6	0.08	68	P 2	NQI	10S	-0.30	14S	LTE					510UL	510 BOBBIN EXAM
					NDF	10S	-0.30	10S	10S					520HF	SPECIAL INTEREST +P
71	12	0.34	100	3	NQI	15S	+42.37	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	UTS	-4.01	UTS	UTS					520HF	SPECIAL INTEREST +P
71	48	12.62	34	P 5	SCI	LTE	+0.08	LTE	LTE	91				460HF	LTE ROLL +POINT
		1.00	185	P 5	ARC	LTE	+0.08	LTE	LTE					460HF	LTE ROLL +POINT
		6.69	30	P 1	PID	LTE	+0.08	LTE	LTE					460HF	LTE ROLL +POINT
71	71	3.23	167	P 1	DNT	LTS	-0.28	LTE	UTE					510UL	510 BOBBIN EXAM
71	72	2.82	166	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
71	73	5.62	166	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
71	74	13.75	169	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
71	75	4.69	170	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
71	76	13.42	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
71	77	14.88	176	P 1	DNT	LTS	-0.13	LTE	UTE					510UL	510 BOBBIN EXAM
71	78	0.36	77	P 5	TWD 7	03S	+0.70	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
		14.52	176	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
71	79	12.30	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
71	80	3.58	170	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
71	81	15.21	176	P 1	DNT	LTS	-0.06	LTE	UTE					510UL	510 BOBBIN EXAM
71	82	22.66	170	P 1	DNT	LTS	+0.11	LTE	UTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
71	83	31.94	170	P 1	DNT		LTS	+0.00						510UL	510 BOBBIN EXAM
71	84	41.22	173	P 1	DNT		LTS	+0.16						510UL	510 BOBBIN EXAM
71	85	30.44	174	P 1	DNT		LTS	+0.13						510UL	510 BOBBIN EXAM
71	86	18.45	173	P 1	DNT		LTS	+0.11						510UL	510 BOBBIN EXAM
71	87	18.44	173	P 1	DNT		LTS	+0.02						510UL	510 BOBBIN EXAM
71	88	8.76	170	P 1	DNT		LTS	+0.02						510UL	510 BOBBIN EXAM
71	90	1.06	88	6	ADI		11S	+15.49						510UL	510 BOBBIN EXAM
					NDF		11S	+15.49						520HF	SPECIAL INTEREST +P
71	117				NDF		LTS	+13.49						520HF	SPECIAL INTEREST +P
		0.81	86	6	ADI		LTS	+13.49						510UL	510 BOBBIN EXAM
71	131				NDF		12S	-0.86						520HF	SPECIAL INTEREST +P
		0.26	106	P 1	NQI		12S	-0.86						510UL	510 BOBBIN EXAM
72	10	0.18	84	P 1	NQI		07S	+0.73						510UL	510 BOBBIN EXAM
		0.32	72	P 2	TWD 7		07S	+0.73						520HF	SPECIAL INTEREST +P
72	12	0.25	129	3	INR		15S	+41.11						510UL	510 BOBBIN EXAM
72	14	0.48	78	P 5	TWD 9		06S	+0.72						510UL	510 BOBBIN EXAM
		0.29	118	3	INR		15S	+40.24						510UL	510 BOBBIN EXAM
72	20	0.14	84	P 1	NQI		10S	+0.50						510UL	510 BOBBIN EXAM
					NDF		10S	+0.14						520HF	SPECIAL INTEREST +P
72	37				NDF		UTS	+0.07						520HF	SPECIAL INTEREST +P
		2.54	164	P 1	DNT		UTS	+0.07						510UL	510 BOBBIN EXAM
72	40				NDF		UTS	+0.07						520HF	SPECIAL INTEREST +P
		2.62	182	P 1	DNT		UTS	+0.07						510UL	510 BOBBIN EXAM
72	53	2.26	167	P 1	INR		UTS	+0.06						510UL	510 BOBBIN EXAM
72	54	0.13	54	P 5	TWD 3		08S	-0.23						510UL	510 BOBBIN EXAM
72	57	0.17	72	P 5	TWD 5		08S	+0.73						510UL	510 BOBBIN EXAM
72	59	0.45	76	P 5	TWD 13		08S	+0.79						510UL	510 BOBBIN EXAM
72	61	0.22	116	3	NQI		12S	+6.21						510UL	510 BOBBIN EXAM
					NDF		12S	+6.21						520HF	SPECIAL INTEREST +P
72	62	0.66	32	P 5	SVI		LTE	+1.31						520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+1.31			0.16	0.14		520HF	LTE ROLL +POINT
		0.60	28	P 5	PID		LTE	+1.31						520HF	LTE ROLL +POINT
72	64	0.10	110	P 1	NQI		UTS	+0.34						510UL	510 BOBBIN EXAM
					NDF		UTS	+0.34						520HF	SPECIAL INTEREST +P
72	65	0.19	83	3	NQI		LTS	+1.96						510UL	510 BOBBIN EXAM
				2	NDF		LTS	+1.96						520HF	SPECIAL INTEREST +P
72	66	0.24	82	3	NQI		LTS	+1.90						510UL	510 BOBBIN EXAM
					NDF		LTS	+1.90						520HF	SPECIAL INTEREST +P
72	71	2.62	174	P 1	DNT		LTS	-0.51						510UL	510 BOBBIN EXAM
72	72	10.09	170	P 1	DNT		06S	+35.01						510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.29	123	P 2	NQI		LTE	+4.58	LTE	UTE				510UL	510 BOBBIN EXAM
		2.57	158	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		07S	-3.99	07S	07S				520HF	SPECIAL INTEREST +P
					NDF		LTE	+4.58	LTE	LTE				520HF	SPECIAL INTEREST +P
72	73	7.65	169	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
72	74	10.70	169	P 1	DNT		LTS	-0.90	LTE	UTE				510UL	510 BOBBIN EXAM
72	75	3.59	166	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
72	76	9.47	170	P 1	DNT		LTS	-0.00	LTE	UTE				510UL	510 BOBBIN EXAM
72	77	9.28	174	P 1	DNT		LTS	-0.00	LTE	UTE				510UL	510 BOBBIN EXAM
72	78	8.24	176	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
72	80	2.95	170	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
72	81	25.66	174	P 1	DNT		LTS	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
72	82	30.51	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
72	83	1.60	9	P 5	PID		LTE	+0.21	LTE	LTE				520HF	LTE ROLL +POINT
		52.10	175	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
		1.59	20	P 5	SVI		LTE	+0.21	LTE	LTE	33			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.21	LTE	LTE	0.18	0.19		520HF	LTE ROLL +POINT
72	84	31.02	174	P 1	DNT		LTS	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
		0.57	83	6	ADI		03S	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		03S	-0.11	LTE	UTE				520HF	SPECIAL INTEREST +P
72	85	23.23	174	P 1	DNT		LTS	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
72	86	25.37	172	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
72	87	21.89	170	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
72	88	4.33	172	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
72	99	0.98	6	3	TWD 20		09S	+36.00	LTE	UTE				540HF	540 BOBBIN EXAM
					NDF		10S	-3.99	LTE	UTE				520HF	SPECIAL INTEREST +P
72	124	3.02	26	P 4	PID		LTE	+0.16	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.16	LTE	LTE	0.17	0.24		520HF	LTE ROLL +POINT
		3.70	24	P 4	SVI		LTE	+0.16	LTE	LTE	47	LAR		520HF	LTE ROLL +POINT
72	126				NDF		08S	+0.27	LTE	UTE				520HF	SPECIAL INTEREST +P
		0.11	120	P 2	NQI		08S	+0.27	LTE	UTE				510UL	510 BOBBIN EXAM
73	14	3.00	188	P 1	DNT		LTE	+4.81	LTE	UTE				510UL	510 BOBBIN EXAM
73	16	0.21	83	3	NQI		15S	+18.61	LTE	UTE				510UL	510 BOBBIN EXAM
		0.40	0	2	LEN		15S	+18.87	15S	15S				520HF	SPECIAL INTEREST +P
		0.13	86	2	SAI		15S	+18.87	15S	15S	8			520HF	SPECIAL INTEREST +P
73	23	0.80	11	P 5	VOL		ETL	+1.00	ETL	ETL	11			520HF	KINETIC EXP +POINT
		1.00	21	P 5	VOL		ETL	+3.13	ETL	ETL	36			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.00	ETL	ETL	0.15	0.14		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+3.13	ETL	ETL	0.15	0.14		520HF	KINETIC EXP +POINT
73	28	2.46	172	P 1	INR		UTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
73	40				NDF		UTS	+0.09	UTS	UTS				520HF	SPECIAL INTEREST +P
		2.79	173	P 1	DNT		UTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
73	42	2.83	169	P 1	NDF DNT		UTS UTS	+0.09 +0.09	UTS LTE	UTS UTE				520HF 510UL	SPECIAL INTEREST +P 510 BOBBIN EXAM
73	53	2.93	171	P 1	NDF DNT		UTS UTS	+0.09 +0.09	UTS LTE	UTS UTE				520HF 510UL	SPECIAL INTEREST +P 510 BOBBIN EXAM
73	58	0.11	95	3	NQI NDF		02S 02S	+14.57 +14.57	LTE 02S	UTE 02S				510UL 520HF	510 BOBBIN EXAM SPECIAL INTEREST +P
73	63	0.42	141	3	NQI NDF		14S 14S	+16.22 +16.22	LTE 14S	UTE 14S				510UL 520HF	510 BOBBIN EXAM SPECIAL INTEREST +P
73	64	0.32	111	3	NQI NDF		LTS LTS	+1.95 +1.95	LTE LTS	UTE LTS				510UL 520HF	510 BOBBIN EXAM SPECIAL INTEREST +P
73	65	0.25	112	3	NQI NDF		LTS LTS	+1.93 +1.93	LTE LTS	UTE LTS				510UL 520HF	510 BOBBIN EXAM SPECIAL INTEREST +P
73	67	2.88 0.41	170 107	P 1 3	DNT NQI NDF NDF		UTS LTS UTS LTS	+0.31 +1.88 -0.31 +1.88	LTE LTE UTS LTS	UTE UTE UTS LTS				510UL 510UL 520HF 520HF	510 BOBBIN EXAM 510 BOBBIN EXAM SPECIAL INTEREST +P SPECIAL INTEREST +P
73	71	2.53	164	P 1	DNT		LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
73	72	2.63 0.18	163 109	P 1 P 5	DNT TWD 4		LTS 06S	-1.00 -0.75	LTE LTE	UTE UTE		WAR		510UL 510UL	510 BOBBIN EXAM 510 BOBBIN EXAM
73	73	12.32	168	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
73	74	15.08	167	P 1	DNT		LTS	+0.04	LTE	UTE				540HF	540 BOBBIN EXAM
73	75	4.25	167	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
73	76	6.60	174	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
73	77	7.12	172	P 1	DNT		LTS	-0.18	LTE	UTE				510UL	510 BOBBIN EXAM
73	78	7.27	171	P 1	DNT		LTS	-0.09	UTE	LTE				540HF	540 BOBBIN EXAM
73	79	7.17	174	P 1	DNT		LTS	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
73	80	3.93	175	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
73	81	18.17	172	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
73	82	25.86	168	P 1	DNT		LTS	+0.16	LTE	UTE				510UL	510 BOBBIN EXAM
73	83	26.21	173	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
73	84	15.17	173	P 1	DNT		LTS	+0.13	LTE	UTE				510UL	510 BOBBIN EXAM
73	85	14.96	172	P 1	DNT		LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
73	86	23.00	175	P 1	DNT		LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
73	87	11.00	171	P 1	DNT		LTS	-0.97	LTE	UTE				510UL	510 BOBBIN EXAM
73	108	3.41 3.12	22 0 27	P 4 12 P 4	PID CLP SVI		LTE LTE LTE	+0.20 +0.20 +0.20	LTE LTE LTE	LTE LTE LTE	0.17 58	0.24 LAR		520HF 520HF 520HF	LTE ROLL +POINT LTE ROLL +POINT LTE ROLL +POINT
73	129	0.21	109	P 1	NQI		10S 10S 10S	-0.79 +0.43 +0.43	10S 10S UTE	10S 10S LTE				520HF 520HF 510UL	SPECIAL INTEREST +P SPECIAL INTEREST +P 510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.17	118	P	1	NQI	10S	-0.79	UTE	LTE				510UL	510 BOBBIN EXAM
73	130					NDF	12S	-0.79	12S	12S				520HF	SPECIAL INTEREST +P
		0.20	79	P	1	NQI	12S	-0.79	UTE	LTE				510UL	510 BOBBIN EXAM
74	21	0.15	52	P	5	TWD 5	05S	-0.79	14S	LTE	WAR			510UL	510 BOBBIN EXAM
74	31	2.34	171	P	1	INR	UTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
74	41	2.37	171	P	1	INR	UTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
		0.20	103	3		NQI	15S	+42.06	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	UTS	-4.32	UTS	UTS				520HF	SPECIAL INTEREST +P
74	44	0.22	96	3		NQI	15S	+41.91	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	UTS	-4.47	UTS	UTS				520HF	SPECIAL INTEREST +P
74	45	0.33	83	3		NQI	15S	+41.78	LTE	UTE				510UL	510 BOBBIN EXAM
		2.80	176	P	1	DNT	UTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	UTS	+0.09	UTS	UTS				520HF	SPECIAL INTEREST +P
						NDF	UTS	-4.60	UTS	UTS				520HF	SPECIAL INTEREST +P
74	46	0.37	107	3		NQI	15S	+41.57	LTE	UTE				510UL	510 BOBBIN EXAM
		3.16	166	P	1	DNT	UTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	UTS	+0.09	UTS	UTS				520HF	SPECIAL INTEREST +P
						NDF	UTS	-4.81	UTS	UTS				520HF	SPECIAL INTEREST +P
74	47	3.07	172	P	1	DNT	UTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
		0.32	105	3		NQI	15S	+41.43	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	UTS	+0.07	UTS	UTS				520HF	SPECIAL INTEREST +P
						NDF	UTS	-4.95	UTS	UTS				520HF	SPECIAL INTEREST +P
74	48	3.08	168	P	1	DNT	UTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
		0.36	108	3		NQI	15S	+41.42	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	UTS	+0.09	UTS	UTS				520HF	SPECIAL INTEREST +P
						NDF	UTS	-4.96	UTS	UTS				520HF	SPECIAL INTEREST +P
74	49	2.97	172	P	1	DNT	UTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	UTS	+0.09	UTS	UTS				520HF	SPECIAL INTEREST +P
74	50	2.55	173	P	1	DNT	UTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	UTS	+0.07	UTS	UTS				520HF	SPECIAL INTEREST +P
74	51	3.00	173	P	1	DNT	UTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	UTS	+0.09	UTS	UTS				520HF	SPECIAL INTEREST +P
74	52	2.88	171	P	1	DNT	UTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
		0.21	65	P	1	NQI	14S	+0.75	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	UTS	+0.07	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.38	73	P	2	TWD 8	14S	+0.69	14S	14S	WAR			520HF	SPECIAL INTEREST +P
74	53	2.71	175	P	1	DNT	UTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	UTS	+0.11	UTS	UTS				520HF	SPECIAL INTEREST +P
74	54	2.72	165	P	1	DNT	UTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	UTS	-0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
74	55					NDF	UTS	+0.09	UTS	UTS				520HF	SPECIAL INTEREST +P
		2.56	176	P	1	DNT	UTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
74	56					NDF	UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
		2.89	170	P	1	DNT	UTS	+0.00	UTE	LTE				540HF	540 BOBBIN EXAM
74	57	2.86	169	P	1	DNT	UTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	1TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
74	58	2.60	173	P 1	DNT		UTS	+0.05	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.05	UTS	UTS				520HF	SPECIAL INTEREST +P
74	62	2.91	175	P 1	DNT		UTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
74	63	0.27	77	3	NQI		LTS	+1.93	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	+1.93	LTS	LTS				520HF	SPECIAL INTEREST +P
74	64	3.13	170	P 1	DNT		UTS	+0.05	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.05	UTS	UTS				520HF	SPECIAL INTEREST +P
74	65	3.19	41	P 5	SCI		ETL	+5.22	UTS	ETL	98			520HF	KINETIC EXP +POINT
		0.34	64	P 5	ARC		ETL	+5.22	UTS	ETL				520HF	KINETIC EXP +POINT
					PTP		ETL	+5.22	UTS	ETL	CAL21	1R14		520HF	KINETIC EXP +POINT
		0.24	57	P 1	NQI		14S	+0.71	LTE	UTE				510UL	510 BOBBIN EXAM
		0.38	65	P 2	TWD	11	14S	+0.67	14S	14S	WAR			520HF	SPECIAL INTEREST +P
74	67	2.82	163	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
74	68	3.14	162	P 1	DNT		LTS	-0.46	LTE	UTE				510UL	510 BOBBIN EXAM
74	69	22.52	170	P 1	DNT		LTS	+0.27	LTE	UTE				510UL	510 BOBBIN EXAM
74	70	27.20	170	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
74	71	3.97	158	P 1	DNT		LTS	-0.34	LTE	UTE				510UL	510 BOBBIN EXAM
74	72	2.53	167	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
74	73	6.70	175	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
74	75	12.55	173	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
74	76	7.35	173	P 1	DNT		LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
74	77	14.09	170	P 1	DNT		LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
74	78	36.14	175	P 1	DNT		LTS	+0.13	LTE	UTE				510UL	510 BOBBIN EXAM
74	79	21.27	172	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
74	80	22.29	175	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
74	81	19.25	172	P 1	DNT		LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
74	82	24.38	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
74	83	2.87	171	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
74	114				NDF		LTE	+10.26	LTE	LTE				520HF	SPECIAL INTEREST +P
		0.29	111	P 2	NQI		LTE	+10.26	UTE	LTE				510UL	510 BOBBIN EXAM
74	123	0.21	75	P 5	TWD	5	05S	+0.63	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
75	3	0.48	114	P 5	TWD	13	05S	-0.79	14S	LTE	WAR			540HF	540 BOBBIN EXAM
					NDF		MSR	+14.58	LSE	MSR				400PP	SPECIAL INTEREST +P
					NDF		MSR	+8.30	LSE	MSR				400PP	SPECIAL INTEREST +P
		3.73	14	1	NQI		MSR	+8.30	LSE	USE				400UL	SLEEVE BOBBIN
		5.60	194	1	DNT		MSR	+14.58	LSE	USE				400UL	SLEEVE BOBBIN
75	4	0.21	124	P 1	NQI		05S	-0.78	14S	LTE				510UL	510 BOBBIN EXAM
		0.40	86	P 2	TWD	7	05S	-0.86	05S	05S	WAR			520HF	SPECIAL INTEREST +P
		0.29	82	P 2	TWD	6	05S	-0.70	05S	05S	WAR			520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
75	9	1.48	87	6	ADI	LTS	+20.06	14S	LTE					510UL	510 BOBBIN EXAM
					NDF	LTS	+20.06	LTS	LTS					520HF	SPECIAL INTEREST +P
75	17	0.24	80	P 5	TWD 7	13S	+0.44	14S	LTE	WAR				510UL	510 BOBBIN EXAM
75	27	0.16	114	P 1	NQI	06S	-0.79	14S	LTE					510UL	510 BOBBIN EXAM
		0.33	99	P 2	TWD 7	06S	+0.64	06S	06S	WAR				520HF	SPECIAL INTEREST +P
					NDF	06S	-0.79	06S	06S					520HF	SPECIAL INTEREST +P
75	36	2.77	174	P 1	DNT	UTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	UTS	+0.09	UTS	UTS					520HF	SLV BORDER +POINT
75	37	0.16	74	P 5	TWD 3	06S	-0.74	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
75	38	3.17	168	P 1	DNT	UTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	UTS	+0.09	UTS	UTS					520HF	SPECIAL INTEREST +P
75	39	2.77	170	P 1	DNT	UTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	UTS	+0.09	UTS	UTS					520HF	SPECIAL INTEREST +P
75	40	2.60	180	P 1	DNT	UTS	+0.04	LTE	UTE					510UL	510 BOBBIN EXAM
		0.34	50	P 5	TWD 10	06S	-0.71	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
					NDF	UTS	+0.04	UTS	UTS					520HF	SPECIAL INTEREST +P
75	42	3.88	18	2	PID	LTE	+0.18	LTE	LTE					520HF	LTE ROLL +POINT
		2.52	167	P 1	DNT	UTS	+0.04	LTE	UTE					510UL	510 BOBBIN EXAM
		3.83	18	2	SAI	LTE	+0.18	LTE	LTE	.22				520HF	LTE ROLL +POINT
		0.21	0	2	LEN	LTE	+0.18	LTE	LTE					520HF	LTE ROLL +POINT
					NDF	UTS	+0.04	UTS	UTS					520HF	SPECIAL INTEREST +P
75	44	2.65	168	P 1	DNT	UTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	UTS	+0.09	UTS	UTS					520HF	SPECIAL INTEREST +P
75	45	3.17	172	P 1	DNT	UTS	+0.14	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	UTS	+0.14	UTS	UTS					520HF	SPECIAL INTEREST +P
75	46	3.76	166	P 1	DNT	UTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	UTS	+0.09	UTS	UTS					520HF	SPECIAL INTEREST +P
75	47	2.78	174	P 1	DNT	UTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	UTS	+0.09	UTS	UTS					520HF	SPECIAL INTEREST +P
75	48	3.15	169	P 1	DNT	UTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	UTS	+0.09	UTS	UTS					520HF	SPECIAL INTEREST +P
75	49	3.15	174	P 1	DNT	UTS	+0.14	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	UTS	+0.14	UTS	UTS					520HF	SPECIAL INTEREST +P
75	50	2.53	172	P 1	DNT	UTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	UTS	+0.09	UTS	UTS					520HF	SPECIAL INTEREST +P
75	51	2.70	175	P 1	DNT	UTS	+0.14	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	UTS	+0.14	UTS	UTS					520HF	SPECIAL INTEREST +P
75	52	2.45	173	P 1	INR	UTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
75	53	3.06	171	P 1	DNT	UTS	+0.14	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	UTS	+0.14	UTS	UTS					520HF	SPECIAL INTEREST +P
75	54	2.66	172	P 1	DNT	UTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	UTS	+0.09	UTS	UTS					520HF	SPECIAL INTEREST +P
75	55	2.26	174	P 1	INR	UTS	+0.03	LTE	UTE					510UL	510 BOBBIN EXAM
75	59	2.86	175	P 1	DNT	UTS	+0.27	LTE	UTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	INTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
					NDF		UTS							520HF	SPECIAL INTEREST +P
75	60	2.84	182	P 1	DNT		UTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.09	UTS	UTS				520HF	SPECIAL INTEREST +P
75	61	3.07	177	P 1	DNT		UTS	+0.23	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.23	UTS	UTS				520HF	SPECIAL INTEREST +P
75	62	3.48	176	P 1	DNT		UTS	+0.05	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.05	UTS	UTS				520HF	SPECIAL INTEREST +P
75	63	3.48	176	P 1	DNT		UTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
75	64	5.80	176	P 1	DNT		06S	+14.17	LTE	UTE				510UL	510 BOBBIN EXAM
		2.88	165	P 1	DNT		UTS	-0.00	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	LTE	UTE				520HF	SPECIAL INTEREST +P
					NDF		06S	+14.17	LTE	UTE				520HF	SPECIAL INTEREST +P
75	65	0.42	18	P 5	VOL		ETL	+0.00	ETL	27				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	-0.00	ETL	0.15	0.14			520HF	KINETIC EXP +POINT
75	68	3.26	165	P 1	DNT		LTS	-0.00	LTE					510UL	510 BOBBIN EXAM
75	69	8.38	169	P 1	DNT		LTS	-0.00	LTE					510UL	510 BOBBIN EXAM
75	70	44.92	171	P 1	DNT		LTS	-0.00	LTE					510UL	510 BOBBIN EXAM
75	71	26.48	168	P 1	DNT		LTS	-0.00	LTE					510UL	510 BOBBIN EXAM
75	72	7.12	172	P 1	DNT		LTS	+0.00	LTE					510UL	510 BOBBIN EXAM
75	74	10.13	178	P 1	DNT		LTS	-0.00	LTE					510UL	510 BOBBIN EXAM
75	75	0.12	31	P 5	VOL		ETL	-0.00	ETL	76				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.00	ETL	0.20	0.19			520HF	KINETIC EXP +POINT
		11.00	174	P 1	DNT		LTS	+0.00	LTE					510UL	510 BOBBIN EXAM
75	76	9.33	175	P 1	DNT		LTS	-0.00	LTE					510UL	510 BOBBIN EXAM
75	77	14.49	173	P 1	DNT		LTS	+0.00	LTE					510UL	510 BOBBIN EXAM
75	78	16.50	168	P 1	DNT		LTS	+0.00	LTE					510UL	510 BOBBIN EXAM
75	79	43.91	173	P 1	DNT		LTS	+0.16	LTE					510UL	510 BOBBIN EXAM
75	80	20.00	171	P 1	DNT		LTS	+0.13	LTE	UTE				510UL	510 BOBBIN EXAM
75	81	18.79	173	P 1	DNT		LTS	+0.18	LTE	UTE				510UL	510 BOBBIN EXAM
75	82	18.55	175	P 1	DNT		LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
75	83	5.89	169	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
75	95	24.71	356	3	IDC		LTE	+9.44	TO+90.91	UTE	LTE			540HF	540 BOBBIN EXAM
					NDF		LTE	+9.44	TO+90.91	01S	LTE			520HF	SPECIAL INTEREST +P
75	123				NDF		LTS	-11.25	LTS	LTS				520HF	SPECIAL INTEREST +P
		0.32	110	P 2	NQI		LTE	+12.75	UTE	LTE				510UL	510 BOBBIN EXAM
75	124	1.41	42	P 5	PID		LTE	+0.13	LTE	LTE				520HF	LTE ROLL +POINT
		0.18	33	P 5	ARC		LTE	+0.13	LTE	LTE				520HF	LTE ROLL +POINT
		1.29	26	P 5	SCI		LTE	+0.13	LTE	LTE				520HF	LTE ROLL +POINT
76	64	1.38	30	P 5	SCI		ETL	+0.72	ETL	ETL	71			520HF	KINETIC EXP +POINT
		1.42	32	P 5	SCI		ETL	+4.13	ETL	ETL	81			520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island

Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.25	46	P	5	ARC	ETL	+4.13	ETL	ETL				520HF	KINETIC EXP +POINT
		0.25	46	P	5	ARC	ETL	+0.72	ETL	ETL				520HF	KINETIC EXP +POINT
		0.99	22	P	5	VOL	ETL	+1.62	ETL	ETL	40			520HF	KINETIC EXP +POINT
			0		12	CLP	ETL	+1.62	ETL	ETL	0.25	0.17		520HF	KINETIC EXP +POINT
76	67	2.32	160	P	1	INR	LTS	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
76	68	5.32	168	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
76	69	47.90	170	P	1	DNT	LTS	-0.17	LTE	UTE				510UL	510 BOBBIN EXAM
76	70	53.44	170	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
76	71	16.35	167	P	1	DNT	LTS	+0.20	LTE	UTE				510UL	510 BOBBIN EXAM
76	72	4.82	166	P	1	DNT	LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
76	74	6.75	174	P	1	DNT	LTS	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
76	75	4.02	176	P	1	DNT	LTS	-0.15	LTE	UTE				510UL	510 BOBBIN EXAM
76	77	3.70	168	P	1	DNT	LTS	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
76	78	8.05	166	P	1	DNT	LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
76	79	9.76	167	P	1	DNT	LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
76	80	11.79	169	P	1	DNT	LTS	-0.03	LTE	UTE				510UL	510 BOBBIN EXAM
76	81	19.95	170	P	1	DNT	LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
76	82	14.90	169	P	1	DNT	LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
76	83	2.97	168	P	1	DNT	LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
77	1	2.83	174	P	1	DNT	LTE	+9.21	14S	LTE				510UL	510 BOBBIN EXAM
		0.21	103	3		NQI	LTS	+8.72	14S	LTE				510UL	510 BOBBIN EXAM
		0.19	92	P	1	NQI	13S	-0.84	14S	LTE				510UL	510 BOBBIN EXAM
						NDF	LTE	+9.21	LTE	LTE				520HF	SPECIAL INTEREST +P
						NDF	LTS	+8.72	LTS	LTS				520HF	SPECIAL INTEREST +P
						NDF	13S	-0.84	13S	13S				520HF	SPECIAL INTEREST +P
77	2	2.49	175	P	1	INR	LTE	+9.38	14S	LTE				510UL	510 BOBBIN EXAM
77	3	6.95	177	P	1	DNT	LTE	+11.23	14S	LTE				510UL	510 BOBBIN EXAM
		0.21	89	P	5	TWD 6	05S	-0.73	14S	LTE	WAR			510UL	510 BOBBIN EXAM
77	10	9.22	176	P	1	DNT	LTE	+11.26	14S	LTE				510UL	510 BOBBIN EXAM
						NDF	LTE	+11.26	LTE	LTE				520HF	SPECIAL INTEREST +P
77	17	2.71	183	P	1	DNT	02S	+25.44	14S	LTE				510UL	510 BOBBIN EXAM
						NDF	03S	-13.56	03S	03S				520HF	SPECIAL INTEREST +P
77	23	8.63	177	P	1	DNT	LTE	+11.56	14S	LTE				510UL	510 BOBBIN EXAM
						NDF	LTE	+11.56	LTE	LTE				520HF	SPECIAL INTEREST +P
77	25	8.49	177	P	1	DNT	LTE	+11.20	14S	LTE				510UL	510 BOBBIN EXAM
77	27	0.35	77	P	5	TWD 9	03S	+0.69	14S	LTE	WAR			510UL	510 BOBBIN EXAM
77	29	0.32	81	P	5	TWD 9	06S	-0.90	14S	LTE	WAR			510UL	510 BOBBIN EXAM
77	36	2.94	167	P	1	DNT	UTS	+0.02	UTE	LTE				510UL	510 BOBBIN EXAM
						NDF	UTS	+0.02	UTS	UTS				520HF	SLV BORDER +POINT
77	37	2.73	174	P	1	DNT	UTS	+0.02	UTE	LTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		2.81	176	P 1	DNT		LTE	+11.36	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
77	39	3.67	165	P 1	DNT		UTS	+0.05	UTE	LTE				510UL	510 BOBBIN EXAM
		2.65	174	P 1	DNT		LTE	+10.63	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.05	UTS	UTS				520HF	SPECIAL INTEREST +P
77	40	3.02	164	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
77	41	3.09	167	P 1	DNT		UTS	+0.00	UTE	LTE				510JL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
77	42	2.66	171	P 1	DNT		UTS	-0.02	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
77	43	3.30	165	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
77	44	2.72	167	P 1	DNT		UTS	+0.02	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
77	45	2.60	166	P 1	DNT		UTS	+0.05	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.05	UTS	UTS				520HF	SPECIAL INTEREST +P
77	46	3.29	171	P 1	DNT		UTS	+0.05	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.05	UTS	UTS				520HF	SPECIAL INTEREST +P
77	47	2.97	169	P 1	DNT		UTS	+0.05	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.05	UTS	UTS				520HF	SPECIAL INTEREST +P
77	48	2.40	173	P 1	INR		UTS	+0.04	UTE	LTE				510JL	510 BOBBIN EXAM
77	49	3.07	171	P 1	DNT		UTS	+0.05	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.05	UTS	UTS				520HF	SPECIAL INTEREST +P
77	50	2.31	171	P 1	INR		UTS	+0.02	UTE	LTE				510UL	510 BOBBIN EXAM
77	51	2.69	169	P 1	DNT		UTS	+0.02	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
77	52	3.16	171	P 1	DNT		UTS	+0.02	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
77	53	2.58	170	P 1	DNT		UTS	-0.02	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
77	54	2.35	171	P 1	INR		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
77	55	3.04	166	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
77	60				NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
		3.45	176	P 1	DNT		UTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
77	61	3.64	175	P 1	DNT		UTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
77	62				NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
		3.74	177	P 1	DNT		UTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
77	63	2.88	177	P 1	DNT		UTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
77	67	1.74	153	P 1	INR		LTS	-0.06	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
77	68	3.69	166	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
77	69	28.85	169	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
77	70	42.05	170	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
77	71	21.83	169	P 1	DNT		LTS	+0.31	LTE	UTE				510UL	510 BOBBIN EXAM
77	72	9.02	169	P 1	DNT		LTS	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
77	73	2.88	161	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
77	74	3.26	167	P 1	DNT		LTS	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
77	77	5.13	168	P 1	DNT		LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
77	78	6.82	166	P 1	DNT		LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
77	79	11.19	167	P 1	DNT		LTS	+0.13	LTE	UTE				510UL	510 BOBBIN EXAM
77	80	9.22	166	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
77	81	19.04	169	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
77	82	22.68	170	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
77	83	2.62	167	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
77	92		0	12	CLP		ETL	+2.44	ETL	ETL	0.17	0.22	520HF	KINETIC EXP +POINT	
		0.30	13	P 5	VOL		ETL	+2.44	ETL	ETL	15		520HF	KINETIC EXP +POINT	
77	106	3.05	155	1	MBM		06S	-5.78	06S	06S	HR		520HF	SPECIAL INTEREST +P	
		1.76	88	6	ADI		05S	+31.31	UTE	LTE			510UL	510 BOBBIN EXAM	
77	107	0.26	78	P 5	TWD 7		13S	+0.52	UTE	LTE	WAR		510UL	510 BOBBIN EXAM	
78	3	5.68	177	P 1	DNT		LTE	+10.90	14S	LTE			510UL	510 BOBBIN EXAM	
78	4	10.12	177	P 1	DNT		LTE	+11.00	14S	LTE			510UL	510 BOBBIN EXAM	
					NDF		LTE	+11.00	LTE	LTE			520HF	SPECIAL INTEREST +P	
78	6	13.24	177	P 1	DNT		LTE	+10.97	14S	LTE			510UL	510 BOBBIN EXAM	
					NDF		LTE	+10.97	LTE	LTE			520HF	SPECIAL INTEREST +P	
78	7	11.14	178	P 1	DNT		LTE	+10.92	14S	LTE			510UL	510 BOBBIN EXAM	
78	8	9.04	176	P 1	DNT		LTE	+10.81	14S	LTE			510UL	510 BOBBIN EXAM	
78	9	6.75	176	P 1	DNT		LTE	+11.56	14S	LTE			510UL	510 BOBBIN EXAM	
					NDF		LTE	+11.56	LTE	LTE			520HF	SPECIAL INTEREST +P	
78	24	7.32	176	P 1	DNT		LTE	+11.11	14S	LTE			510UL	510 BOBBIN EXAM	
78	29	0.17	96	P 1	NQI		07S	-0.79	14S	LTE			510UL	510 BOBBIN EXAM	
		0.26	105	P 2	TWD 11		07S	-0.74	07S	07S	WAR		520HF	SPECIAL INTEREST +P	
78	42	2.79	163	P 1	DNT		UTS	+0.00	UTE	LTE			510UL	510 BOBBIN EXAM	
					NDF		UTS	+0.00	UTS	UTS			520HF	SPECIAL INTEREST +P	
78	44	2.99	163	P 1	DNT		UTS	+0.00	UTE	LTE			510UL	510 BOBBIN EXAM	
					NDF		UTS	+0.00	UTS	UTS			520HF	SPECIAL INTEREST +P	
78	45	2.65	168	P 1	DNT		UTS	+0.00	UTE	LTE			510UL	510 BOBBIN EXAM	
					NDF		UTS	+0.00	UTS	UTS			520HF	SPECIAL INTEREST +P	
78	46	2.50	168	P 1	DNT		UTS	+0.00	UTE	LTE			510UL	510 BOBBIN EXAM	

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
					NDF	UTS		UTS	UTS					520HF	SPECIAL INTEREST +P
78	47	3.32	167	P 1	DNT	UTS		UTS	LTE					510UL	510 BOBBIN EXAM
					NDF	UTS		UTS	UTS					520HF	SPECIAL INTEREST +P
78	48	3.04	171	P 1	DNT	UTS		UTS	LTE					510UL	510 BOBBIN EXAM
					NDF	UTS		UTS	UTS					520HF	SPECIAL INTEREST +P
78	49	2.65	168	P 1	DNT	UTS		UTS	LTE					510UL	510 BOBBIN EXAM
					NDF	UTS		UTS	UTS					520HF	SPECIAL INTEREST +P
78	50	2.37	167	P 1	INR	UTS		UTS	LTE					510UL	510 BOBBIN EXAM
78	52	2.51	168	P 1	DNT	UTS		UTS	LTE					510UL	510 BOBBIN EXAM
					NDF	UTS		UTS	UTS					520HF	SPECIAL INTEREST +P
78	54	2.48	164	P 1	INR	UTS		UTS	LTE					510UL	510 BOBBIN EXAM
78	58	2.41	173	P 1	INR	UTS		UTS	LTE					510UL	510 BOBBIN EXAM
78	59				NDF	11S		11S	11S					520HF	SPECIAL INTEREST +P
					NDF	LTS		LTS	LTS					520HF	SPECIAL INTEREST +P
		0.14	96	3	NQI	LTS		LTE	UTE					510UL	510 BOBBIN EXAM
		0.20	64	P 2	NQI	11S		LTE	UTE					510UL	510 BOBBIN EXAM
78	60	2.78	168	P 1	DNT	UTS		UTS	LTE					510UL	510 BOBBIN EXAM
					NDF	UTS		UTS	UTS					520HF	SPECIAL INTEREST +P
78	61				NDF	UTS		UTS	UTS					520HF	SPECIAL INTEREST +P
		2.62	172	P 1	DNT	UTS		UTS	LTE					510UL	510 BOBBIN EXAM
78	62	3.12	172	P 1	DNT	UTS		UTS	LTE					510UL	510 BOBBIN EXAM
					NDF	UTS		UTS	UTS					520HF	SPECIAL INTEREST +P
78	69	9.48	164	P 1	DNT	LTS		LTS	LTE					510UL	510 BOBBIN EXAM
78	70	34.37	169	P 1	DNT	LTS		LTS	LTE					510UL	510 BOBBIN EXAM
78	71	27.54	170	P 1	DNT	LTS		LTS	LTE					510UL	510 BOBBIN EXAM
78	72	9.88	167	P 1	DNT	LTS		LTS	LTE					510UL	510 BOBBIN EXAM
78	73	4.19	166	P 1	DNT	LTS		LTS	LTE					510UL	510 BOBBIN EXAM
78	74	3.22	167	P 1	DNT	LTS		LTS	LTE					510UL	510 BOBBIN EXAM
78	75	3.55	164	P 1	DNT	LTS		LTS	LTE					510UL	510 BOBBIN EXAM
78	76	3.10	162	P 1	DNT	LTS		LTS	LTE					510UL	510 BOBBIN EXAM
78	78	7.92	167	P 1	DNT	LTS		LTS	LTE					510UL	510 BOBBIN EXAM
78	79	8.09	170	P 1	DNT	LTS		LTS	LTE					510UL	510 BOBBIN EXAM
78	80	9.47	167	P 1	DNT	LTS		LTS	LTE					510UL	510 BOBBIN EXAM
78	81	9.39	167	P 1	DNT	LTS		LTS	LTE					510UL	510 BOBBIN EXAM
78	82	15.63	168	P 1	DNT	LTS		LTS	LTE					510UL	510 BOBBIN EXAM
78	83	13.25	169	P 1	DNT	LTS		LTS	LTE					510UL	510 BOBBIN EXAM
78	89	0.16	156	P 1	INR	06S		06S	LTE					510UL	510 BOBBIN EXAM
78	119	3.29	186	P 1	DNT	07S		07S	LTE					510UL	510 BOBBIN EXAM
					NDF	07S		07S	07S					520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
79	1	2.44	176	P 1	INR		LTE	+9.71	14S	LTE				510UL	510 BOBBIN EXAM
79	2	0.18	82	P 1	NQI		13S	-0.79	14S	LTE				510UL	510 BOBBIN EXAM
					NDF		13S	-0.79	13S	13S				520HF	SPECIAL INTEREST +P
79	5	2.57	187	P 1	DNT		09S	+7.60	14S	LTE				510UL	510 BOBBIN EXAM
					NDF		09S	-7.60	09S	09S				520HF	SPECIAL INTEREST +P
79	13	0.34	56	P 5	TWD	10	13S	+0.65	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
79	15	0.34	122	3	NQI		15S	-37.51	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-8.88	UTS	UTS				520HF	SPECIAL INTEREST +P
79	16	0.24	110	3	NQI		15S	+38.53	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-7.54	UTS	UTS				520HF	SPECIAL INTEREST +P
		3.69	35	P 5	SCI		ETL	+0.71	ETL	96				520HF	KINETIC EXP +POINT
		4.59	33	P 5	SCI		ETL	-3.27	ETL	86				520HF	KINETIC EXP +POINT
		0.32	60	P 5	ARC		ETL	+3.27	ETL					520HF	KINETIC EXP +POINT
		0.30	55	P 5	ARC		ETL	-2.77	ETL					520HF	KINETIC EXP +POINT
		0.38	70	P 5	ARC		ETL	-4.88	ETL					520HF	KINETIC EXP +POINT
		3.08	32	P 5	SCI		ETL	-4.88	ETL	81				520HF	KINETIC EXP +POINT
79	27	3.10	169	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTE	LTE				520HF	SLV BORDER +POINT
79	28	0.17	68	P 5	NQI		05S	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		05S	+0.00	UTE	LTE				520HF	SPECIAL INTEREST +P
79	31	0.18	79	3	NQI		15S	+48.11	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-31.11	UTE	LTE				520HF	SPECIAL INTEREST +P
79	32	2.55	167	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTE	LTE				520HF	SPECIAL INTEREST +P
79	35	2.55	167	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTE	LTE				520HF	SPECIAL INTEREST +P
79	43	2.57	160	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTE	LTE				520HF	SPECIAL INTEREST +P
79	44	2.55	162	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTE	LTE				520HF	SPECIAL INTEREST +P
79	47	0.28	79	3	NQI		04S	+24.89	UTE	LTE				540HF	540 BOBBIN EXAM
		2.75	168	P 1	DNT		UTS	+0.02	UTE	LTE				540HF	540 BOBBIN EXAM
					NDF		05S	-14.12	UTE	05S				520HF	SPECIAL INTEREST +P
					NDF		UTS	+0.02	UTE	UTS				520HF	SPECIAL INTEREST +P
79	48	3.00	166	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTE	UTS				520HF	SPECIAL INTEREST +P
79	49	2.81	166	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTE	UTS				520HF	SPECIAL INTEREST +P
79	51	2.62	167	P 1	DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.00	UTE	UTS				520HF	SPECIAL INTEREST +P
79	52	2.38	164	P 1	INR		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
79	55	0.26	117	3	NQI		15S	+40.87	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-5.51	UTE	UTS				520HF	SPECIAL INTEREST +P
79	62	0.42	70	2	SAI		15S	+18.88	15S	15S	86			520HF	SPECIAL INTEREST +P
		0.60	0	2	LEN		15S	+18.88	15S	15S				520HF	SPECIAL INTEREST +P
		0.21	85	3	TWD	46	15S	+19.28	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	ITW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.12	71	3	TWD	61	15S	+19.03	LTE	UTE				510UL	510 BOBBIN EXAM
79	64	0.20	83	P 2	TWD	6	14S	-0.27	14S	14S	WAR			520HF	SPECIAL INTEREST +P
		0.08	63	P 2	NQI		14S	-0.16	LTE	UTE				510UL	510 BOBBIN EXAM
79	65	0.56	95	3	NQI		LTS	+2.11	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	+2.11	LTS	LTS				520HF	SPECIAL INTEREST +P
79	66	2.69	178	P 1	NDF		UTS	+0.00	UTS	UTS				520HF	SPECIAL INTEREST +P
					DNT		UTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
79	67	0.38	39	3	NQI		LTS	+1.84	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	+1.84	LTS	LTS				520HF	SPECIAL INTEREST +P
79	73	9.24	167	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
79	74	18.66	168	P 1	DNT		LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
79	75	4.37	164	P 1	DNT		LTS	+0.20	LTE	UTE				510UL	510 BOBBIN EXAM
79	76	5.89	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
79	77	4.36	172	P 1	DNT		LTS	+0.14	LTE	UTE				510UL	510 BOBBIN EXAM
79	79	2.56	158	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
79	80	3.41	157	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
79	81	3.63	157	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
79	82	6.16	168	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
79	83	9.27	165	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
79	84	12.12	168	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
79	85	16.43	166	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
79	86	12.78	169	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
79	87	6.00	166	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
80	6	2.72	172	P 1	DNT		LTE	+7.92	14S	LTE				510UL	510 BOBBIN EXAM
80	11	0.19	83	P 5	TWD	5	09S	-0.39	14S	LTE	WAR			510UL	510 BOBBIN EXAM
80	12	0.27	98	P 5	TWD	8	09S	-0.26	UTE	LTE	WAR			540HF	540 BOBBIN EXAM
80	23	15.26	179	P 1	NDF		UTS	+0.00	UTS	ETL				520HF	KINETIC EXP +POINT
					DNT		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
80	25	3.09	183	P 1	NDF		03S	+0.29	UTE	LTE				510UL	510 BOBBIN EXAM
							03S	+0.29	03S	03S				520HF	SPECIAL INTEREST +P
80	27	2.58	174	P 1	NDF		UTS	-0.09	UTE	LTE				510UL	510 BOBBIN EXAM
							UTS	-0.09	UTS	UTS				520HF	SPECIAL INTEREST +P
80	35	2.49	166	P 1	INR		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
80	43	3.02	163	P 1	NDF		UTS	-0.07	UTE	LTE				510UL	510 BOBBIN EXAM
							UTS	-0.07	UTS	UTS				520HF	SPECIAL INTEREST +P
80	49	0.17	134	3	NQI		15S	+33.16	UTE	LTE				510UL	510 BOBBIN EXAM
		0.19	72	2	SAI		UTS	-14.28	UTS	UTS	33			520HF	SPECIAL INTEREST +P
		2.34	0	2	LEN		UTS	-14.28	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.08	70	2	SAI		UTS	-13.44	UTS	UTS	38			520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.15	0	2	LEN		UTS	UTS	UTS					520HF	SPECIAL INTEREST +P
80	51	2.39	168	P 1	INR		UTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
80	54	0.71	36	3	NQI		10S	+28.56	UTE	LTE				510UL	510 BOBBIN EXAM
		0.70	32	3	NQI		08S	+13.72	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		11S	-7.44	11S	11S				520HF	SPECIAL INTEREST +P
					NDF		08S	+13.72	08S	08S				520HF	SPECIAL INTEREST +P
80	56	0.25	127	3	NQI		15S	+41.43	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	-4.95	UTS	UTS				520HF	SPECIAL INTEREST +P
80	66				NDF		14S	+0.00	14S	14S				520HF	SPECIAL INTEREST +P
		0.09	71	P 2	NQI		14S	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
80	67				NDF		UTS	-0.07	UTS	ETL				520HF	KINETIC EXP +POINT
		2.63	174	P 1	DNT		UTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
80	69	0.21	28	P 5	VOL		ETL	+2.71	ETL	ETL	63			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.71	ETL	ETL	0.20	0.19		520HF	KINETIC EXP +POINT
80	74	2.38	159	P 1	INR		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
80	75	10.87	168	P 1	DNT		LTS	+0.13	LTE	UTE				510UL	510 BOBBIN EXAM
80	76	4.75	165	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
80	77	7.07	170	P 1	DNT		LTS	+0.13	LTE	UTE				510UL	510 BOBBIN EXAM
80	78	5.51	175	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
80	79	8.69	169	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
80	80	2.56	176	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
80	81	4.29	162	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
80	82	2.68	156	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
80	83	3.08	157	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
80	84	4.96	169	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
80	85	8.44	165	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
80	86	9.71	169	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
80	87	10.28	166	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
		0.30	85	P 2	NQI		LTS	-0.17	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTS	-0.17	LTS	LTS				520HF	SPECIAL INTEREST +P
80	88	11.01	167	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
80	112				NDF		14S	+15.96	14S	14S				520HF	SPECIAL INTEREST +P
		0.13	69	3	NQI		14S	+15.96	UTE	LTE				510UL	510 BOBBIN EXAM
80	122	0.55	19	P 4	PID		LTE	+0.28	LTE	LTE				520HF	LTE ROLL +POINT
					12 CLP		LTE	+0.28	LTE	LTE	0.22	0.15		520HF	LTE ROLL +POINT
		4.19	14	P 4	SVI		LTE	+0.28	LTE	LTE	17			520HF	LTE ROLL +POINT
81	5				NDF		MSR	+3.05	LSE	MSR				400PP	SPECIAL INTEREST +P
					NDF		MSR	+3.48	LSE	MSR				400PP	SPECIAL INTEREST +P
		3.82	194	1	DNT		MSR	+3.05	LSE	USE				400UL	SLEEVE BOBBIN
		5.05	194	1	DNT		MSR	+3.48	LSE	USE				400UL	SLEEVE BOBBIN
81	6	6.67	177	P 1	DNT		LTE	+10.75	14S	LTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
81	7	6.80	176	P 1	DNT		LTE	+10.42	14S	LTE				510UL	510 BOBBIN EXAM
81	13	0.27	108	P 5	TWD 9	05S		-0.82	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
81	15	0.20	62	P 5	TWD 7	09S		+0.07	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
81	74	3.92	168	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
81	75	3.72	167	P 1	DNT		LTS	+0.20	LTE	UTE				510UL	510 BOBBIN EXAM
81	76	4.51	171	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
81	77	9.09	169	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
81	78	13.32	173	P 1	DNT		LTS	-0.15	LTE	UTE				510UL	510 BOBBIN EXAM
81	79	4.57	170	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
81	80	3.41	172	P 1	DNT		LTS	-0.13	LTE	UTE				510UL	510 BOBBIN EXAM
81	81	4.07	159	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
81	82	2.89	158	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
81	83	4.90	167	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
81	84	7.15	165	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
81	85	8.80	167	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
81	86	6.42	162	P 1	DNT		LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
		0.11	62	P 1	NQI	05S		+0.34	LTE	UTE				510UL	510 BOBBIN EXAM
		0.18	89	P 2	TWD 7	05S		+0.33	05S	05S	WAR			520HF	SPECIAL INTEREST +P
81	87	10.66	168	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
81	88	6.91	167	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
81	96	0.28	116	P 1	NQI	UTS		-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	UTS		-0.02	UTS	UTS				520HF	SPECIAL INTEREST +P
81	104	0.33	87	3	NQI	14S		+4.72	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	14S		+4.72	14S	14S				520HF	SPECIAL INTEREST +P
81	106	0.21	73	3	NQI	15S		+41.95	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	UTS		-4.43	UTS	UTS				520HF	SPECIAL INTEREST +P
82	7	6.25	176	P 1	DNT		LTE	+10.64	14S	LTE				510UL	510 BOBBIN EXAM
82	12	0.15	76	P 5	NQI	05S		-0.76	UTE	LTE				510UL	510 BOBBIN EXAM
		0.31	92	P 2	TWD 13	05S		-0.75	05S	05S	WAR			520HF	SPECIAL INTEREST +P
82	14	0.72	76	P 5	TWD 18	06S		+0.73	UTE	LTE	WAR			540HF	540 BOBBIN EXAM
82	25	0.22	112	P 5	NQI	10S		+0.47	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF	10S		+0.47	10S	10S				520HF	SPECIAL INTEREST +P
82	37	0.24	40	P 5	TWD 8	04S		+0.67	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
82	44	0.26	92	3	NQI	08S		+37.44	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF	09S		-1.56	09S	09S				520HF	SPECIAL INTEREST +P
82	47	0.22	75	P 5	TWD 7	08S		-0.77	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
82	48	0.29	66	P 5	TWD 8	04S		+0.78	UTE	LTE	WAR			510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
82	57	0.15	80	3	NDF		13S	-6.53		13S	13S			520HF	SPECIAL INTEREST +P
					NQI		12S	+30.47		LTE	UTE			510UL	510 BOBBIN EXAM
82	67	0.19	35	P 4	SVI		LTE	+0.97		LTE	LTE	96		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.97		LTE	LTE	0.19	0.20	520HF	LTE ROLL +POINT
		0.69	27	P 4	SVI		LTE	+1.30		LTE	LTE	58		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+1.30		LTE	LTE	0.25	0.21	520HF	LTE ROLL +POINT
		0.79	15	2	PID		LTE	+1.30		LTE	LTE			520HF	LTE ROLL +POINT
82	73	2.94	165	P 1	DNT		LTS	-0.02		LTE	UTE			510UL	510 BOBBIN EXAM
82	74	3.32	165	P 1	DNT		LTS	+0.02		LTE	UTE			510UL	510 BOBBIN EXAM
82	75	4.18	175	P 1	DNT		LTS	+0.02		LTE	UTE			510UL	510 BOBBIN EXAM
82	76	9.06	172	P 1	DNT		LTS	+0.04		LTE	UTE			510UL	510 BOBBIN EXAM
82	77	12.83	172	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
82	78	13.25	172	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
82	79	5.01	171	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
82	80	3.73	170	P 1	DNT		LTS	-0.13		LTE	UTE			510UL	510 BOBBIN EXAM
82	81	3.23	158	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
82	82	3.37	160	P 1	DNT		LTS	+0.04		LTE	UTE			510UL	510 BOBBIN EXAM
82	83	4.48	166	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
82	84	5.37	163	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
82	85	4.00	163	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
82	86	7.27	163	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
82	87	6.12	168	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
82	130	0.19	96	P 1	NQI		10S	+0.64		UTE	LTE			510UL	510 BOBBIN EXAM
					NDF		10S	+0.64		10S	10S			520HF	SPECIAL INTEREST +P
83	6	6.23	176	P 1	DNT		LTE	+10.37		14S	LTE			510UL	510 BOBBIN EXAM
83	7	5.78	177	P 1	DNT		LTE	+11.05		14S	LTE			510UL	510 BOBBIN EXAM
		3.71	183	P 1	DNT		LTS	+20.47		14S	LTE			510UL	510 BOBBIN EXAM
					NDF		LTS	+20.47		LTS	LTS			520HF	SPECIAL INTEREST +P
83	21	0.22	91	P 5	NQI		06S	-0.87		UTE	LTE			510UL	510 BOBBIN EXAM
					NDF		06S	-0.87		06S	06S			520HF	SPECIAL INTEREST +P
83	51	0.11	106	P 2	NQI		UTS	-0.40		UTE	LTE			510UL	510 BOBBIN EXAM
		0.18	64	2	SAI		UTS	-0.42		UTS	UTS	52		520HF	SPECIAL INTEREST +P
		0.20	0	2	LEN		UTS	-0.42		UTS	UTS			520HF	SPECIAL INTEREST +P
		0.10	69	2	SAI		UTS	-1.90		UTS	UTS	40		520HF	SPECIAL INTEREST +P
		0.39	0	2	LEN		UTS	-1.90		UTS	UTS			520HF	SPECIAL INTEREST +P
83	72	3.50	167	P 1	DNT		LTS	+0.13		LTE	UTE			510UL	510 BOBBIN EXAM
83	73	4.90	166	P 1	DNT		LTS	+0.04		LTE	UTE			510UL	510 BOBBIN EXAM
83	74	5.84	168	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
83	75	3.65	171	P 1	DNT		LTS	+0.04		LTE	UTE			510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	ITW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
83	76	3.91	174	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
83	77	8.76	172	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
83	78	8.85	170	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
83	79	8.67	170	P 1	DNT	LTS		-0.06	LTE	UTE				510UL	510 BOBBIN EXAM
83	80	6.80	169	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
83	81	2.84	172	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
83	82	3.35	156	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
83	83	1.05	80	6	ADI	02S		+23.41	LTE	UTE				510UL	510 BOBBIN EXAM
		3.83	170	P 1	DNT	LTS		-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	03S		-15.88	LTE	UTE				520HF	SPECIAL INTEREST +P
83	84	3.21	165	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
83	85	3.94	165	P 1	DNT	LTS		-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
83	87	3.27	165	P 1	DNT	LTS		-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
83	88	6.66	165	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
83	113	0.22	92	P 5	TWD 6	07S		-0.40	LTE	UTE		WAR		510UL	510 BOBBIN EXAM
83	131	0.22	82	3	NQI	15S		-3.77	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	15S		-3.22	LTE	UTE				520HF	SPECIAL INTEREST +P
84	15	0.08	102	P 1	NQI	04S		+0.27	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	04S		+0.27	LTE	UTE				520HF	SPECIAL INTEREST +P
84	20	2.21	87	6	ADI	LTS		+21.77	LTE	UTE				510UL	510 BOBBIN EXAM
		0.21	141	P 1	NQI	06S		-0.87	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	LTS		-21.77	LTE	UTE				520HF	SPECIAL INTEREST +P
					NDF	06S		-0.87	LTE	UTE				520HF	SPECIAL INTEREST +P
84	36	0.21	75	3	NQI	15S		+12.38	LTE	UTE				510UL	510 BOBBIN EXAM
		0.11	78	2	SAI	15S		+12.10	LTE	UTE		30		520HF	SPECIAL INTEREST +P
		0.22	0	2	LEN	15S		+12.10	LTE	UTE				520HF	SPECIAL INTEREST +P
84	66	0.32	28	P 5	VOL	ETL		-0.94	LTE	UTE				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL		-0.94	LTE	UTE		0.15	0.14	520HF	KINETIC EXP +POINT
		0.55	10	P 2	TWD 33	ETL		-0.95	LTE	UTE				540HF	540 BOBBIN EXAM
84	71	5.16	170	P 1	DNT	LTS		+0.06	LTE	UTE				540HF	540 BOBBIN EXAM
		0.29	30	3	BVC	14S		+24.95	LTE	UTE				540HF	540 BOBBIN EXAM
					NDF	15S		-10.05	LTE	UTE				520HF	SPECIAL INTEREST +P
84	72	24.57	170	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
84	73	18.89	169	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
84	74	3.40	170	P 1	DNT	LTS		+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
84	75	3.96	172	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
84	76	7.00	174	P 1	DNT	LTS		-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
84	77	7.07	170	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
		4.86	188	P 1	DNT	02S		+24.13	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island

Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		4.31	188	P 1	DNT		02S	+33.89	LTE	UTE				510UL	510 BOBBIN EXAM
				2	NDF		03S	-14.87	03S	03S				520HF	SPECIAL INTEREST +P
					NDF		03S	-5.11	03S	03S				520HF	SPECIAL INTEREST +P
84	78	6.16	173	P 1	DNT		LTS	-0.16	LTE	UTE				510UL	510 BOBBIN EXAM
84	79	6.98	174	P 1	DNT		LTS	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
84	82	2.81	159	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
		0.51	127	3	INR		UTS	+2.36	LTE	UTE				510UL	510 BOBBIN EXAM
84	83	2.78	165	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
84	84	3.45	166	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
84	85	2.55	166	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
84	87	4.24	167	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
84	94	3.31	179	P 1	DNT		LTE	+11.99	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.99	LTE	LTE				520HF	SPECIAL INTEREST +P
84	103	0.86	31	P 4	PID		LTE	+0.80	LTE	LTE				520HF	LTE ROLL +POINT
		0.69	31	P 4	SVI		LTE	+0.80	LTE	LTE	76			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.80	LTE	LTE	0.22	0.18		520HF	LTE ROLL +POINT
84	109	0.21	121	P 5	TWD 7		07S	-0.54	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
84	111				NDF		05S	-0.06	05S	05S				520HF	SPECIAL INTEREST +P
		0.22	97	P 5	NQI		05S	-0.06	UTE	LTE				510UL	510 BOBBIN EXAM
85	8	0.09	51	P 2	NQI		09S	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
		0.14	96	P 2	TWD 6		09S	+0.03	09S	09S	WAR			520HF	SPECIAL INTEREST +P
85	28	1.77	76	6	ADI		07S	+15.10	UTE	LTE				510UL	510 BOBBIN EXAM
		1.64	96	1	MBM		07S	+15.07	07S	07S	HR			520HF	SPECIAL INTEREST +P
85	56	0.77	120	3	NQI		03S	+34.84	UTE	LTE				510UL	510 BOBBIN EXAM
		1.75	158	1	MBM		04S	-4.90	04S	04S	HR			520HF	SPECIAL INTEREST +P
85	64	8.85	168	P 1	DNT		LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
85	65	10.28	168	P 1	DNT		LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
85	66	5.60	171	P 1	DNT		LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
85	69	10.36	168	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
85	70	31.54	170	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
85	71	49.70	170	P 1	DNT		LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
85	72	23.81	170	P 1	DNT		LTS	+0.16	LTE	UTE				510UL	510 BOBBIN EXAM
85	73	3.55	167	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
85	74	3.57	175	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
85	75	5.90	174	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
85	76	11.91	174	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
85	77	7.18	171	P 1	DNT		LTS	-0.16	LTE	UTE				510UL	510 BOBBIN EXAM
		1.04	71	6	ADI		06S	+4.17	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		06S	+4.17	06S	06S				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
85	78	5.53	174	P 1	DNT		LTS	-0.24	LTE	UTE				510UL	510 BOBBIN EXAM
85	82	2.93	164	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
85	83	3.23	171	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
85	86	3.22	168	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
85	87	3.69	164	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
85	94	3.02	176	P 1	DNT		14S	+2.38	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		14S	+2.38	14S	14S				520HF	SPECIAL INTEREST +P
85	100	3.73	11	P 2	TWD	37	LTE	+3.68	LTE	UTE	LOCOK			510UL	510 BOBBIN EXAM
		3.71	11	P 2	TWD	37	LTE	+3.48	UTE	LTE	LOCOK			540HF	540 BOBBIN EXAM
					NDF		LTE	+3.48	LTE	LTE				520HF	SPECIAL INTEREST +P
85	124	0.33	125	P 5	TWD	10	08S	-0.51	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
86	1	0.57	23	P 5	PID		LTE	+4.11	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+4.11	LTE	LTE	0.18	0.18		520HF	LTE ROLL +POINT
		0.47	16	P 5	VOL		LTE	+4.11	LTE	LTE				520HF	LTE ROLL +POINT
86	5	2.56	180	P 1	DNT		LTE	+7.86	14S	LTE				510UL	510 BOBBIN EXAM
		0.20	122	P 1	NQI		10S	-0.78	14S	LTE				510UL	510 BOBBIN EXAM
					NDF		10S	-0.78	10S	10S				520HF	SPECIAL INTEREST +P
86	7	2.77	175	P 1	DNT		LTE	+9.75	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+9.75	LTE	LTE				520HF	SPECIAL INTEREST +P
86	12	0.16	90	P 1	INR		07S	+0.76	UTE	LTE				510UL	510 BOBBIN EXAM
86	28	1.50	30	P 5	SCI		ETL	+7.93	UTS	ETL	71			520HF	KINETIC EXP +POINT
		0.24	44	P 5	ARC		ETL	+7.93	UTS	ETL				520HF	KINETIC EXP +POINT
		0.40	15	P 5	VOL		ETL	+6.65	UTS	ETL	20			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+6.65	UTS	ETL	0.17	0.15		520HF	KINETIC EXP +POINT
86	50	0.98	88	6	ADI		05S	+27.49	UTE	LTE				510UL	510 BOBBIN EXAM
		1.14	69	6	ADI		03S	+5.19	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		03S	+5.19	03S	03S				520HF	SPECIAL INTEREST +P
					NDF		06S	-9.51	06S	06S				520HF	SPECIAL INTEREST +P
86	63	0.13	72	3	NQI		08S	+24.49	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		09S	-14.51	09S	09S				520HF	SPECIAL INTEREST +P
86	64	5.15	166	P 1	DNT		LTS	-0.17	LTE	UTE				510UL	510 BOBBIN EXAM
86	65	15.93	169	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
86	66	18.22	169	P 1	DNT		LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
86	67	11.27	167	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
86	68	7.26	167	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
86	69	15.03	168	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
86	70	32.49	170	P 1	DNT		LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
86	71	33.45	170	P 1	DNT		LTS	+0.18	LTE	UTE				510UL	510 BOBBIN EXAM
86	72	17.05	173	P 1	DNT		LTS	+0.16	LTE	UTE				510UL	510 BOBBIN EXAM
86	73	7.91	174	P 1	DNT		LTS	+0.18	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
86	74	4.13	175	P 1	DNT	LTS	-0.07	LTE	UTE					51CUL	510 BOBBIN EXAM
86	75	5.93	174	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
86	76	10.74	175	P 1	DNT	LTS	-0.06	LTE	UTE					510UL	510 BOBBIN EXAM
86	77	12.30	173	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
86	78	7.69	172	P 1	DNT	LTS	-0.14	LTE	UTE					510UL	510 BOBBIN EXAM
86	82	2.58	152	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
86	83	2.50	167	P 1	DNT	LTS	-0.04	LTE	UTE					510UL	510 BOBBIN EXAM
86	84	2.89	179	P 1	DNT	LTS	-0.07	LTE	UTE					510UL	510 BOBBIN EXAM
86	85	2.49	173	P 1	INR	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
86	87	2.81	156	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
86	93	2.00	182	P 1	INR	03S	+38.18	LTE	UTE					510UL	510 BOBBIN EXAM
87	1	0.55	95	P 5	TWD 15	08S	-0.75	14S	LTE	WAR				510UL	510 BOBBIN EXAM
87	10	0.09	50	P 1	INR	07S	+0.75	UTE	LTE					510UL	510 BOBBIN EXAM
87	58	0.71	89	3	NQI NDF	02S 02S	+2.93 +2.93	LTE	UTE 02S 02S					510UL 520HF	510 BOBBIN EXAM SPECIAL INTEREST +P
87	60	9.51	175	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
87	61	12.29	175	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
87	62	7.35	175	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
87	63	3.89	166	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
87	64	5.89	164	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
87	65	15.52	168	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
87	66	10.78	168	P 1	DNT	LTS	+0.11	LTE	UTE					510UL	510 BOBBIN EXAM
87	67	9.02	168	P 1	DNT	LTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
87	68	7.18	168	P 1	DNT	LTS	+0.04	LTE	UTE					510UL	510 BOBBIN EXAM
87	69	12.78	169	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
87	70	15.11	169	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
87	71	11.95	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
87	72	3.96 3.93	177	P 1	DNT	LTS	-0.33 +0.02	LTE	UTE UTE					510UL 510UL	510 BOBBIN EXAM 510 BOBBIN EXAM
87	73	4.57	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
87	74	4.99	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
87	75	9.03	175	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
87	76	12.23	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
87	77	9.40	171	P 1	DNT	LTS	-0.16	LTE	UTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
87	78	2.44	171	P 1	INR	LTS	-0.18	LTE	UTE					510UL	510 BOBBIN EXAM
87	80	2.68	164	P 1	DNT	LTS	+0.05	LTE	UTE					510UL	510 BOBBIN EXAM
87	81	3.08	158	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
		1.38	79	6	ADI	13S	+17.79	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	13S	+17.79	13S	13S					520HF	SPECIAL INTEREST +P
87	82	3.28	175	P 1	DNT	LTS	-0.04	LTE	UTE					510UL	510 BOBBIN EXAM
87	83	3.76	175	P 1	DNT	LTS	-0.07	LTE	UTE					510UL	510 BOBBIN EXAM
87	84	2.52	162	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
87	86	2.82	163	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
87	94	0.27	107	P 1	NQI	14S	-0.77	LTE	UTE					510UL	510 BOBBIN EXAM
		0.33	0	P 2	TWD 10	14S	-0.77	14S	14S	WAR				520HF	SPECIAL INTEREST +P
87	106	0.27	87	P 2	INR	LTE	+12.39	LTE	UTE					510UL	510 BOBBIN EXAM
87	112	0.37	114	P 1	INR	LTE	+12.33	UTE	LTE					510UL	510 BOBBIN EXAM
88	15	0.92	85	6	ADI	01S	+29.17	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	02S	-8.83	02S	02S					520HF	SPECIAL INTEREST +P
88	17	0.35	92	3	NQI	15S	+16.84	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	15S	+16.84	15S	15S					520HF	SPECIAL INTEREST +P
88	24	2.38	181	P 1	INR	02S	+17.44	UTE	LTE					510UL	510 BOBBIN EXAM
88	59	2.35	175	P 1	INR	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
88	60	9.09	175	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
88	61	14.72	172	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
88	62	12.20	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
		0.13	87	3	NQI	09S	+20.74	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	10S	-19.26	10S	10S					520HF	SPECIAL INTEREST +P
88	63	6.24	176	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
88	64	3.44	165	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
88	65	5.99	162	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
88	66	9.38	168	P 1	DNT	LTS	+0.11	LTE	UTE					510UL	510 BOBBIN EXAM
88	67	3.57	171	P 1	DNT	LTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
88	68	4.64	164	P 1	DNT	LTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
88	69	8.55	166	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
88	70	5.53	170	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
88	71	4.43	170	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
88	72	4.46	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
		2.81	174	P 1	DNT	LTS	+0.44	LTE	UTE					510UL	510 BOBBIN EXAM
		1.17	32	P 5	PID	LTE	+0.77	LTE	LTE					520HF	LTE ROLL +POINT
		1.53	18	P 5	SVI	LTE	+0.77	LTE	LTE	27				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.77	LTE	LTE	0.28	0.22			520HF	LTE ROLL +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
88	73	4.13	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
88	74	0.24	39	P 5	VOL	ETL	+2.67	ETL	ETL	99				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+2.67	ETL	ETL	0.15	0.19			520HF	KINETIC EXP +POINT
88	75	4.41	176	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
88	76	7.91	174	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
88	77	8.62	174	P 1	DNT	LTS	-0.04	LTE	UTE					510UL	510 BOBBIN EXAM
88	78	3.97	174	P 1	DNT	LTS	-0.12	LTE	UTE					510UL	510 BOBBIN EXAM
88	81	3.43	165	P 1	DNT	LTS	-0.04	LTE	UTE					510UL	510 BOBBIN EXAM
88	82	3.56	164	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
88	83	2.70	174	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
88	125	0.13	128	P 5	TWD 3	08S	-0.02	LTE	WAR					510UL	510 BOBBIN EXAM
89	24	0.15	109	3	NQI	01S	+8.8	LTE						510UL	510 BOBBIN EXAM -
					NDF	01S	+8.8	LIS						520HF	SPECIAL INTEREST +P
89	59	11.49	174	P 1	DNT	LTS	-0.02	LTE						510UL	510 BOBBIN EXAM
89	60	17.54	173	P 1	DNT	LTS	-0.02	LTE						510UL	510 BOBBIN EXAM
89	61	16.56	174	P 1	DNT	LTS	-0.02	LTE						510UL	510 BOBBIN EXAM
89	64	2.88	165	P 1	DNT	LTS	-0.02	LTE						510UL	510 BOBBIN EXAM
89	65	6.15	165	P 1	DNT	LTS	-0.02	LTE						510UL	510 BOBBIN EXAM
89	66	7.66	173	P 1	DNT	LTS	+0.02	LTE						510UL	510 BOBBIN EXAM
89	67	5.63	172	P 1	DNT	LTS	-0.02	LTE						510UL	510 BOBBIN EXAM
89	68	4.04	170	P 1	DNT	LTS	+0.02	LTE						510UL	510 BOBBIN EXAM
89	69	3.76	160	P 1	DNT	LTS	+0.02	LTE						510UL	510 BOBBIN EXAM
89	70	5.26	175	P 1	DNT	LTS	+0.02	LTE						510UL	510 BOBBIN EXAM
		0.24	105	P 2	INR	LTE	+17.8	LTE						510UL	510 BOBBIN EXAM
89	71	5.60	175	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
89	72	4.49	176	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
89	74	3.14	178	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
89	75	10.21	175	P 1	DNT	LTS	-0.07	LTE	UTE					510UL	510 BOBBIN EXAM
89	76	15.98	171	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
		4.08	173	P 1	DNT	LTS	+0.45	LTE	UTE					510UL	510 BOBBIN EXAM
89	77	6.35	171	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
89	81	3.39	163	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
89	82	2.54	166	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
89	83	2.71	175	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
89	85	2.90	156	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
89	86	0.07	88	P 1	NQI		14S	+0.27	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		14S	+0.27	14S	14S				520HF	SPECIAL INTEREST +P
89	130	1.59	96	6	INR		11S	+7.88	UTE	LTE				510UL	510 BOBBIN EXAM
90	2	0.59	13	P 2	INR		UTS	+6.34	UTE	LTE				540HF	540 BOBBIN EXAM
90	5	0.25	115	3	NQI		10S	+7.04	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		10S	+7.04	10S	10S				520HF	SPECIAL INTEREST +P
90	17	2.47	32	P 5	VOL		ETL	+7.32	UTS	ETL	81			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+7.32	UTS	ETL	0.32	0.11		520HF	KINETIC EXP +POINT
90	33	6.51	48	P 5	SCI		ETL	+7.46	UTS	ETL	95			520HF	KINETIC EXP +POINT
		0.32	59	P 5	ARC		ETL	+7.46	UTS	ETL				520HF	KINETIC EXP +POINT
90	58	3.95	176	P 1	DNT		LTS	+0.00	LTE	UTE				540HF	540 BOBBIN EXAM
90	59	5.96	175	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
90	60	10.08	174	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
90	61	8.71	174	P 1	DNT		LTS	-0.33	LTE	UTE				510UL	510 BOBBIN EXAM
90	62	3.34	176	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
90	63	3.27	175	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
90	64	3.36	173	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
90	65	6.08	171	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
90	66	6.89	173	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
90	67	4.82	173	P 1	DNT		LTS	-0.13	LTE	UTE				510UL	510 BOBBIN EXAM
90	68	3.59	177	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
90	69	5.23	172	P 1	DNT		LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
90	70	5.52	173	P 1	DNT		LTS	-0.00	LTE	UTE				510UL	510 BOBBIN EXAM
90	71	3.86	173	P 1	DNT		LTS	-0.54	LTE	UTE				510UL	510 BOBBIN EXAM
90	73	2.62	173	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
90	74	4.00	169	P 1	DNT		LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
90	75	8.52	173	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
90	76	9.28	172	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
90	77	3.35	168	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
90	78	3.71	167	P 1	DNT		LTS	-0.17	LTE	UTE				510UL	510 BOBBIN EXAM
90	81	2.87	168	P 1	DNT		LTS	+0.16	LTE	UTE				510UL	510 BOBBIN EXAM
90	82	3.68	173	P 1	DNT		LTS	-0.20	LTE	UTE				510UL	510 BOBBIN EXAM
90	83	2.67	170	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
90	100	0.32	82	P 5	TWD 7		03S	+0.68	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
90	120	0.31	86	3	NQI		14S	+25.49	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		15S	-9.51	15S	15S				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
91	48	0.19	109	3	NQI	15S	+39.48	UTE	LTE					510UL	510 BOBBIN EXAM
		0.13	69	2	SAI	UTS	-6.43	UTS	UTS	40				520HF	SPECIAL INTEREST +P
		0.15	0	2	LEN	UTS	-6.43	UTS	UTS					520HF	SPECIAL INTEREST +P
91	52	0.48	108	3	NQI	01S	+19.59	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	02S	-18.41	02S	02S					520HF	SPECIAL INTEREST +P
91	57	2.52	177	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
91	58	3.97	172	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
91	59	4.63	175	P 1	DNT	LTS	-0.47	LTE	UTE					510UL	510 BOBBIN EXAM
91	60	5.15	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
91	61	3.83	176	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
91	62	3.81	170	P 1	DNT	LTS	+0.13	LTE	UTE					510UL	510 BOBBIN EXAM
91	63	4.44	172	P 1	DNT	LTS	-0.04	LTE	UTE					510UL	510 BOBBIN EXAM
91	64	5.59	171	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
91	65	6.21	171	P 1	DNT	LTS	-0.11	LTE	UTE					510UL	510 BOBBIN EXAM
91	66	3.14	172	P 1	DNT	LTS	+0.04	LTE	UTE					510UL	510 BOBBIN EXAM
91	67	6.11	178	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
91	68	4.92	174	P 1	DNT	LTS	-0.11	LTE	UTE					510UL	510 BOBBIN EXAM
91	69	3.99	180	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
91	72	3.08	177	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
91	73	4.53	169	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
91	74	8.27	169	P 1	DNT	LTS	-0.07	LTE	UTE					510UL	510 BOBBIN EXAM
91	75	10.56	170	P 1	DNT	LTS	-0.11	LTE	UTE					510UL	510 BOBBIN EXAM
91	76	4.77	170	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
91	77	3.32	160	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
91	81	2.73	162	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
91	86	0.36	94	P 1	NQI	15S	+0.79	LTE	UTE					510UL	510 BOBBIN EXAM
		0.35	57	P 2	TWD 15	15S	+0.79	15S	15S	WAR				520HF	SPECIAL INTEREST +P
91	88	2.72	170	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
92	22	0.34	36	P 5	TWD 11	06S	+0.69	UTE	LTE	WAR				510UL	510 BOBBIN EXAM
		0.30	27	P 1	INR	04S	+0.78	UTE	LTE					510UL	510 BOBBIN EXAM
92	25	2.34	183	P 1	INR	01S	+15.89	UTE	LTE					510UL	510 BOBBIN EXAM
		2.17	21	P 4	PID	LTE	+0.31	LTE	LTE					520HF	LTE ROLL +POINT
		1.60	20	P 4	SVI	LTE	+0.31	LTE	LTE	36				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.31	LTE	LTE	0.25	0.15			520HF	LTE ROLL +POINT
92	56	3.99	169	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
92	57	9.14	171	P 1	DNT	LTS	+0.20	LTE	UTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
92	58	15.99	173	P 1	DNT	LTS	-0.07	LTE	UTE					510UL	510 BOBBIN EXAM
92	59	13.08	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
92	60	12.37	173	P 1	DNT	LTS	-0.00	LTE	UTE					510UL	510 BOBBIN EXAM
92	61	4.70	174	P 1	DNT	LTS	-0.92	LTE	UTE					510UL	510 BOBBIN EXAM
		1.21	29	2	PID	LTE	+0.19	LTE	LTE					520HF	LTE ROLL +POINT
		4.41	29	P 4	SVI	LTE	+0.19	LTE	LTE	67				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.19	LTE	LTE	0.22		0.14		520HF	LTE ROLL +POINT
92	62	3.53	176	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
92	64	2.99	170	P 1	DNT	LTS	+0.13	LTE	UTE					510UL	510 BOBBIN EXAM
92	65	2.70	175	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
92	66	5.67	171	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
92	67	2.89	174	P 1	DNT	LTS	+0.05	LTE	UTE					510UL	510 BOBBIN EXAM
92	68	0.22	119	P 2	NQI	LTE	+13.60	LTE	UTE					510UL	510 BOBBIN EXAM
		3.90	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	LTS	-10.40	LTS	LTS					520HF	SPECIAL INTEREST +P
92	69	5.27	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
92	70	2.58	186	P 1	DNT	LTS	-0.11	LTE	UTE					510UL	510 BOBBIN EXAM
92	73	3.81	174	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
92	74	4.82	172	P 1	DNT	LTS	+0.04	LTE	UTE					510UL	510 BOBBIN EXAM
92	75	8.26	169	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
92	76	12.47	170	P 1	DNT	LTS	-0.15	LTE	UTE					510UL	510 BOBBIN EXAM
92	77	7.10	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
92	78	4.73	170	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
92	82	3.93	162	P 1	DNT	LTS	+0.04	LTE	UTE					510UL	510 BOBBIN EXAM
92	87	0.25	107	P 1	NQI	15S	+0.79	LTE	UTE					510UL	510 BOBBIN EXAM
		0.19	85	P 2	TWD 7	15S	+0.70	15S	15S	WAR				520HF	SPECIAL INTEREST +P
92	90	12.32	174	P 1	DNT	LTS	-0.11	LTE	UTE					510UL	510 BOBBIN EXAM
92	91	18.15	173	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
92	92	5.06	175	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
92	93	7.44	176	P 1	DNT	LTS	-0.16	LTE	UTE					510UL	510 BOBBIN EXAM
92	94	4.28	177	P 1	DNT	LTS	-0.17	LTE	UTE					510UL	510 BOBBIN EXAM
92	115	3.38	150	3	NQI	10S	+32.25	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	11S	-3.75	11S	11S					520HF	SPECIAL INTEREST +P
93	17	0.27	50	P 5	ARC	ETL	+7.39	UTS	ETL					520HF	KINETIC EXP +POINT
		9.75	52	P 5	SCI	ETL	+7.39	UTS	ETL	94				520HF	KINETIC EXP +POINT
93	25	6.20	175	P 1	DNT	LTE	+9.13	UTE	LTE					510UL	510 BOBBIN EXAM
93	26	5.60	169	P 1	DNT	LTE	+8.59	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	LTE	+8.59	LTE	LTE					520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
93	30	1.06	72	6	ADI	07S	+36.99	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	08S	-3.01	08S	08S					520HF	SPECIAL INTEREST +P
93	53	5.20	174	P 1	DNT	LTS	+0.00	UTE	LTE					510UL	510 BOBBIN EXAM
93	54	18.35	172	P 1	DNT	LTS	+0.20	LTE	UTE					510UL	510 BOBBIN EXAM
93	55	22.89	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
		0.71	105	3	NQI	LTS	+1.17	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	LTS	+1.17	LTS	LTS					520HF	SPECIAL INTEREST +P
93	56	21.47	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
93	57	11.39	174	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
		0.27	33	P 2	NQI	LTS	+0.84	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	LTS	+0.84	LTS	LTS					520HF	SPECIAL INTEREST +P
93	58	0.82	17	2	PID	LTE	+0.22	LTE	LTE					520HF	LTE ROLL +POINT
		1.69	24	P 4	SVI	LTE	+0.22	LTE	LTE	47				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.22	LTE	LTE	0.16		0.14		520HF	LTE ROLL +POINT
93	60	2.27	15	2	PID	LTE	+0.20	LTE	LTE					520HF	LTE ROLL +POINT
		3.16	21	P 4	SVI	LTE	+0.20	LTE	LTE	36				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.20	LTE	LTE	0.27		0.18		520HF	LTE ROLL +POINT
		5.63	25	P 5	SCI	LTE	+0.29	LTE	LTE	51				520HF	LTE ROLL +POINT
		0.22	40	P 5	ARC	LTE	+0.29	LTE	LTE					520HF	LTE ROLL +POINT
93	61	2.86	165	P 1	DNT	LTS	+0.09	LTE	UTE					510UL	510 BOBBIN EXAM
93	62	2.83	163	P 1	DNT	LTS	+0.18	LTE	UTE					510UL	510 BOBBIN EXAM
		1.77	15	2	PID	LTE	+0.12	LTE	LTE					520HF	LTE ROLL +POINT
		1.78	16	P 4	SVI	LTE	+0.12	LTE	LTE	22				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.12	LTE	LTE	0.22		0.14		520HF	LTE ROLL +POINT
93	63	4.02	172	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
93	64	5.49	171	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
93	65	3.62	180	P 1	DNT	LTS	-0.13	LTE	UTE					510UL	510 BOBBIN EXAM
93	66	3.73	168	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
93	67	3.42	172	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
93	68	2.80	170	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
93	71	5.67	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
93	72	8.87	171	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
93	73	10.81	172	P 1	DNT	LTS	-0.11	LTE	UTE					510UL	510 BOBBIN EXAM
93	74	10.70	169	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
93	75	5.54	173	P 1	DNT	LTS	-0.18	LTE	UTE					510UL	510 BOBBIN EXAM
		3.64	172	P 1	DNT	LTS	+0.11	LTE	UTE					510UL	510 BOBBIN EXAM
93	76	5.62	156	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
93	77	12.92	171	P 1	DNT	LTS	-0.11	LTE	UTE					510UL	510 BOBBIN EXAM
93	78	6.27	152	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
93	86	4.89	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
93	87	17.03	173	P 1	DNT		LTS	-0.13	LTE	UTE				510UL	510 BOBBIN EXAM
93	88	3.50	165	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
93	113	0.23	90	P 5	NQI		04S	+0.41	UTE	LTE				510UL	510 BOBBIN EXAM
		0.28	82	P 2	TWD	10	04S	+0.39	04S	04S	WAR			520HF	SPECIAL INTEREST +P
93	118	1.27	80	6	ADI		14S	+20.76	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		15S	-14.30	15S	15S				520HF	SPECIAL INTEREST +P
94	10	0.21	111	P 1	NQI		UTS	+0.61	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		UTS	+0.61	UTE	UTS				520HF	SPECIAL INTEREST +P
94	26	5.88	170	P 1	DNT		LTE	+8.43	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+8.43	UTE	LTE				520HF	SPECIAL INTEREST +P
94	28	5.63	175	P 1	DNT		LTE	-8.95	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	-8.95	UTE	LTE				520HF	SPECIAL INTEREST +P
94	41				NDF		02S	-18.00		02S				520HF	SPECIAL INTEREST +P
		0.25	100	3	NQI		01S	+18.00		LTE				510UL	510 BOBBIN EXAM
94	55	3.05	175	P 1	DNT		LTS	-0.00		LTE				510UL	510 BOBBIN EXAM
94	56	9.14	172	P 1	DNT		LTS	+0.00		LTE				510UL	510 BOBBIN EXAM
94	57	19.01	175	P 1	DNT		LTS	+0.00		LTE				540HF	540 BOBBIN EXAM
94	58	19.92	172	P 1	DNT		LTS	+0.00		LTE				510UL	510 BOBBIN EXAM
94	59	8.46	172	P 1	DNT		LTS	+0.00		LTE				510UL	510 BOBBIN EXAM
94	63	3.04	159	P 1	DNT		LTS	-0.00		LTE				510UL	510 BOBBIN EXAM
94	64	3.63	165	P 1	DNT		LTS	+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
		2.84	16	2	PID		LTE	+0.17	LTE	LTE				520HF	LTE ROLL +POINT
		3.87	26	P 4	SVI		LTE	+0.17	LTE	LTE	54			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.17	LTE	LTE	0.16	0.20		520HF	LTE ROLL +POINT
94	65	3.77	170	P 1	DNT		LTS	+0.00		LTE				510UL	510 BOBBIN EXAM
94	66	3.82	166	P 1	DNT		LTS	-0.09		LTE				510UL	510 BOBBIN EXAM
94	67	3.52	167	P 1	DNT		LTS	+0.15		LTE				510UL	510 BOBBIN EXAM
94	68	4.33	163	P 1	DNT		LTS	+0.05		LTE	UTE			510UL	510 BOBBIN EXAM
94	69	3.69	167	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM
94	70	3.01	167	P 1	DNT		LTS	+0.07		LTE	UTE			510UL	510 BOBBIN EXAM
94	71	3.77	173	P 1	DNT		LTS	-0.04		LTE	UTE			510UL	510 BOBBIN EXAM
94	74	5.25	172	P 1	DNT		LTS	-0.04		LTE	UTE			510UL	510 BOBBIN EXAM
94	75	9.58	173	P 1	DNT		LTS	-0.15		LTE	UTE			510UL	510 BOBBIN EXAM
		3.14	171	P 1	DNT		LTS	+0.33		LTE	UTE			510UL	510 BOBBIN EXAM
94	76	6.74	174	P 1	DNT		LTS	-0.09		LTE	UTE			510UL	510 BOBBIN EXAM
94	77	4.58	170	P 1	DNT		LTS	-0.09		LTE	UTE			510UL	510 BOBBIN EXAM
		6.56	172	P 1	DNT		LTS	+0.25		LTE	UTE			510UL	510 BOBBIN EXAM
94	78	15.38	172	P 1	DNT		LTS	+0.27		LTE	UTE			510UL	510 BOBBIN EXAM
94	79	15.15	170	P 1	DNT		LTS	+0.00		LTE	UTE			510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
94	80	12.64	171	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
94	81	3.73	159	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
94	105	0.13	93	3	NQI	14S	+6.94	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	14S	+6.94	14S	14S					520HF	SPECIAL INTEREST +P
94	107	0.21	9	P 5	VOL	ETL	-1.47	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	-1.47	UTS	ETL	0.20		0.17		520HF	KINETIC EXP +POINT
95	19	5.50	175	P 1	DNT	LTE	+11.00	UTE	LTE					510UL	510 BOBBIN EXAM
95	20	4.82	178	P 1	DNT	LTE	+11.59	UTE	LTE					510UL	510 BOBBIN EXAM
95	26	6.65	175	P 1	DNT	LTE	+9.09	UTE	LTE					510UL	510 BOBBIN EXAM
95	27	5.38	175	P 1	DNT	LTE	+6.79	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	LTE	+6.79	LTE	LTE					520HF	SPECIAL INTEREST +P
95	38	4.60	32	P 4	MVI	LTE	+0.16	LTE	LTE	81		2		520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.16	LTE	LTE	0.61		0.21		520HF	LTE ROLL +POINT
		4.55	24	P 4	PID	LTE	+0.16	LTE	LTE					520HF	LTE ROLL +POINT
95	39	2.56	17	P 4	SVI	LTE	+0.31	LTE	LTE	25				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.31	LTE	LTE	0.18		0.18		520HF	LTE ROLL +POINT
		1.11	13	P 4	SVI	LTE	+0.26	LTE	LTE	15				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.26	LTE	LTE	0.23		0.21		520HF	LTE ROLL +POINT
		2.21	11	P 4	PID	LTE	+0.26	LTE	LTE					520HF	LTE ROLL +POINT
95	55	10.63	174	P 1	DNT	LTS	-0.09	UTE	LTE					510UL	510 BOBBIN EXAM
95	56	16.53	173	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
					INF	15S	+13.40	LTE	UTE	HR				510UL	510 BOBBIN EXAM
					INF	15S	+31.91	LTE	UTE	HR				510UL	510 BOBBIN EXAM
					INF	15S	+27.36	LTE	UTE	HR				510UL	510 BOBBIN EXAM
					INF	15S	+32.05	LTE	UTE	HR				510UL	510 BOBBIN EXAM
					INF	15S	+32.43	LTE	UTE	HR				510UL	510 BOBBIN EXAM
95	57	12.23	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
95	58	3.71	175	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
95	60				INF	15S	+34.43	UTE	LTE	HR				510UL	510 BOBBIN EXAM
					INF	15S	+33.89	UTE	LTE	HR				510UL	510 BOBBIN EXAM
					INF	15S	+33.70	UTE	LTE	HR				510UL	510 BOBBIN EXAM
					INF	15S	+33.16	UTE	LTE	HR				510UL	510 BOBBIN EXAM
95	62	0.20	164	3	INR	14S	+7.43	UTE	LTE					510UL	510 BOBBIN EXAM
95	68	3.47	162	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
95	69	3.16	158	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
95	72	3.18	160	P 1	DNT	LTS	-0.04	LTE	UTE					510UL	510 BOBBIN EXAM
95	73	3.92	171	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
95	74	6.23	168	P 1	DNT	LTS	-0.13	LTE	UTE					510UL	510 BOBBIN EXAM
95	75	9.52	171	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
95	76	0.35	81	P 1	INR	LTE	+10.61	LTE	UTE					510UL	510 BOBBIN EXAM
		8.25	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
95	77	10.31	173	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	1TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
95	78	10.63	170	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
95	79	6.52	166	P 1	DNT	LTS	+0.02	LTE	UTE					510UL	510 BOBBIN EXAM
95	121	0.30	108	P 5	TWD 8	08S	-0.54	UTE	LTE	WAR				510UL	510 BOBBIN EXAM
96	4	5.58	175	P 1	DNT	LTE	+10.39	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	LTE	+10.39	LTE	LTE					520HF	SPECIAL INTEREST +P
96	17	0.23	43	P 5	INR	04S	+0.79	UTE	LTE	HR				510UL	510 BOBBIN EXAM
96	18	6.62	176	P 1	DNT	LTE	+11.19	UTE	LTE					510UL	510 BOBBIN EXAM
96	20	4.30	171	P 1	DNT	LTE	+11.41	UTE	LTE					510UL	510 BOBBIN EXAM
		0.39	90	P 5	TWD 11	11S	-0.79	UTE	LTE	WAR				510UL	510 BOBBIN EXAM
96	40	1.61	21	P 4	SVI	LTE	+0.19	LTE	LTE	36				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.19	LTE	LTE	0.11	0.19			520HF	LTE ROLL +POINT
		1.25	22	P 4	PID	LTE	+0.19	LTE	LTE					520HF	LTE ROLL +POINT
96	42	3.26	30	P 4	SVI	LTE	+0.14	LTE	LTE	71				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.14	LTE	LTE	0.17	0.14			520HF	LTE ROLL +POINT
		2.78	17	P 4	PID	LTE	+0.14	LTE	LTE					520HF	LTE ROLL +POINT
96	54	9.40	173	P 1	DNT	LTS	-0.04	UTE	LTE					510UL	510 BOBBIN EXAM
96	55	23.02	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
96	56	10.09	173	P 1	DNT	LTS	+0.07	LTE	UTE					510UL	510 BOBBIN EXAM
96	57	6.48	175	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
96	62	2.09	15	P 4	SVI	LTE	+0.11	LTE	LTE	20				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.11	LTE	LTE	0.17	0.13			520HF	LTE ROLL +POINT
		1.44	17	P 4	PID	LTE	+0.11	LTE	LTE					520HF	LTE ROLL +POINT
96	68	4.05	162	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
96	72	3.23	171	P 1	DNT	LTS	-0.07	LTE	UTE					510UL	510 BOBBIN EXAM
96	73	5.37	175	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
96	74	7.67	172	P 1	DNT	LTS	-0.07	LTE	UTE					510UL	510 BOBBIN EXAM
96	75	9.70	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
96	76	4.40	176	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
96	77	2.90	173	P 1	DNT	LTS	-0.07	LTE	UTE					510UL	510 BOBBIN EXAM
96	96	0.25	126	3	NQI	09S	+34.78	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	10S	-5.22	10S	10S					520HF	SPECIAL INTEREST +P
97	1	0.18	102	P 2	NQI	15S	+0.04	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	15S	+0.04	15S	15S					520HF	SPECIAL INTEREST +P
97	2	6.16	170	P 1	DNT	LTE	+10.25	UTE	LTE					510UL	510 BOBBIN EXAM
		0.27	115	P 2	NQI	15S	+0.20	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	15S	+0.20	15S	15S					520HF	SPECIAL INTEREST +P
97	18	6.52	175	P 1	DNT	LTE	+11.52	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	LTE	+11.52	LTE	LTE					520HF	SPECIAL INTEREST +P
97	19	5.37	171	P 1	DNT	LTE	+11.05	UTE	LTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		1.07	116	3	NQI	15S	+42.95	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	LTE	+11.05	LTE	LTE					520HF	SPECIAL INTEREST +P
					NDF	UTS	-3.42	UTS	UTS					520HF	SPECIAL INTEREST +P
97	36	4.54	26	P 4	SVI	LTE	+0.15	LTE	LTE	54				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.15	LTE	LTE	0.23		0.24		520HF	LTE ROLL +POINT
		4.17	17	P 4	PID	LTE	+0.15	LTE	LTE					520HF	LTE ROLL +POINT
97	43	0.17	86	P 1	NQI	07S	+0.66	UTE	LTE					510UL	510 BOBBIN EXAM
		0.26	70	P 2	TWD 9	07S	+0.72	07S	07S	WAR				520HF	SPECIAL INTEREST +P
97	44	0.25	68	P 1	NQI	07S	+0.59	UTE	LTE					510UL	510 BOBBIN EXAM
		0.51	91	P 2	TWD 16	07S	+0.63	07S	07S	WAR				520HF	SPECIAL INTEREST +P
97	50	0.17	64	P 5	TWD 6	07S	+0.77	UTE	LTE	WAR				510UL	510 BOBBIN EXAM
97	54	7.27	170	P 1	DNT	LTS	+0.00	UTE	LTE					510UL	510 BOBBIN EXAM
97	55	7.90	171	P 1	DNT	LTS	+0.16	LTE	UTE					510UL	510 BOBBIN EXAM
97	56	4.23	176	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
97	60	0.54	20	P 5	VOL	UTS	+4.09	UTS	ETL					520HF	KINETIC EXP +POINT
			0	12	CLP	UTS	+4.09	UTS	ETL	0.16		0.14		520HF	KINETIC EXP +POINT
		0.53	8	P 2	TWD 27	UTS	+3.94	UTE	LTE					540HF	540 BOBBIN EXAM
97	66	3.49	159	P 1	DNT	LTS	-0.04	LTE	UTE					510UL	510 BOBBIN EXAM
97	70	4.48	173	P 1	DNT	LTS	-0.02	LTE	UTE					510UL	510 BOBBIN EXAM
97	71	6.51	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
97	72	7.71	174	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
97	73	8.03	173	P 1	DNT	LTS	-0.04	LTE	UTE					510UL	510 BOBBIN EXAM
97	74	9.26	173	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
97	75	5.81	172	P 1	DNT	LTE	+11.55	LTE	UTE					510UL	510 BOBBIN EXAM
97	76	4.72	178	P 1	DNT	LTE	+11.18	LTE	UTE					510UL	510 BOBBIN EXAM
97	88	1.81	11	2	PID	LTE	+0.23	LTE	LTE					520HF	LTE ROLL +POINT
		1.75	4	2	SVI	LTE	+0.23	LTE	LTE	.31				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.23	LTE	LTE	0.26		0.17		520HF	LTE ROLL +POINT
97	95	4.59	176	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
97	96	7.18	171	P 1	DNT	LTS	-0.11	LTE	UTE					510UL	510 BOBBIN EXAM
97	97	4.17	164	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
97	98	8.82	173	P 1	DNT	LTS	-0.09	LTE	UTE					510UL	510 BOBBIN EXAM
97	99	5.07	175	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
97	101	3.51	172	P 1	DNT	LTS	+0.00	LTE	UTE					510UL	510 BOBBIN EXAM
97	112	0.18	93	P 1	NQI	04S	+0.43	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	04S	+0.43	04S	04S					520HF	SPECIAL INTEREST +P
97	115	0.15	99	P 1	NQI	14S	-0.22	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	14S	-0.22	14S	14S					520HF	SPECIAL INTEREST +P
97	124	0.47	103	P 5	TWD 13	09S	+0.21	UTE	LTE	WAR				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
98	57	4.03	176	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
98	58	12.34	175	P 1	DNT	LTS		+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
98	59	3.19	172	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
98	61				INF	LTS		+39.19	LTE	UTE	HR			510UL	510 BOBBIN EXAM
98	70	3.83	169	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
98	71	8.46	174	P 1	DNT	LTS		-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
98	72	12.16	173	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
98	73	12.86	173	P 1	DNT	LTS		-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
98	74	4.63	172	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
98	75	5.41	173	P 1	DNT	LTE		+11.33	LTE	UTE				510UL	510 BOBBIN EXAM
98	77	5.11	176	P 1	DNT	LTE		+11.71	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	LTE		+11.71	LTE	LTE				520HF	SPECIAL INTEREST +P
98	87	0.47	96	3	NQI	08S		+12.00	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF	08S		+12.00	08S	08S				520HF	SPECIAL INTEREST +P
98	95	4.15	172	P 1	DNT	LTS		-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
98	96	8.62	172	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
98	97	12.36	173	P 1	DNT	LTS		-0.18	LTE	UTE				510UL	510 BOBBIN EXAM
98	98	18.34	173	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
98	99	26.15	173	P 1	DNT	LTS		-0.17	LTE	UTE				510UL	510 BOBBIN EXAM
98	100	19.39	171	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
98	101	20.61	173	P 1	DNT	LTS		-0.18	LTE	UTE				510UL	510 BOBBIN EXAM
98	102	13.04	170	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
98	105	0.27	124	P 5	TWD 6	07S		-0.40	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
99	30	2.51	181	P 1	DNT	LTE		+4.72	UTE	LTE				510UL	510 BOBBIN EXAM
99	41	0.15	40	P 5	TWD 5	07S		-0.70	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
99	57	6.04	172	P 1	DNT	LTS		+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
		0.22	99	P 5	TWD 6	06S		-0.38	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
99	58	12.08	171	P 1	DNT	LTS		+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
99	59	15.47	174	P 1	DNT	LTS		+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
99	63	0.08	101	3	INR	14S		+18.36	LTE	UTE				510UL	510 BOBBIN EXAM
99	70	6.49	174	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
99	71	11.53	174	P 1	DNT	LTS		+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
99	72	17.60	173	P 1	DNT	LTS		+0.11	LTE	UTE				510UL	510 BOBBIN EXAM
99	73	5.17	169	P 1	DNT	LTS		+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
99	75	6.25	175	P 1	DNT	LTE		+10.97	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
99	76	7.34	175	P 1	DNT		LTE	+11.47						510UL	510 BOBBIN EXAM
					NDF		LTE	+11.47						520HF	SPECIAL INTEREST +P
99	86	0.22	128	P 5	TWD 4		06S	-0.47						510UL	510 BOBBIN EXAM
99	87	0.42	119	3	NQI		14S	+5.60						510UL	510 BOBBIN EXAM
		0.42	119	3	INR		14S	+5.60						510UL	510 BOBBIN EXAM
					NDF		14S	-5.60						520HF	SPECIAL INTEREST +P
99	95	3.79	181	P 1	DNT		LTS	+0.00						510UL	510 BOBBIN EXAM
99	96	14.04	170	P 1	DNT		LTS	+0.00						510UL	510 BOBBIN EXAM
99	97	11.75	173	P 1	DNT		LTS	+0.00						510UL	510 BOBBIN EXAM
99	98	19.00	172	P 1	DNT		LTS	+0.00						510UL	510 BOBBIN EXAM
99	99	17.54	173	P 1	DNT		LTS	+0.00						510UL	510 BOBBIN EXAM
99	100	15.12	170	P 1	DNT		LTS	+0.00						510UL	510 BOBBIN EXAM
99	101	16.45	173	P 1	DNT		LTS	+0.00						510UL	510 BOBBIN EXAM
100	1	10.28	174	P 1	DNT		LTE	+0.00						510UL	510 BOBBIN EXAM
100	5	2.62	177	P 1	DNT		LTE	+0.00						510UL	510 BOBBIN EXAM
100	7	5.98	177	P 1	DNT		LTE	+0.00						510UL	510 BOBBIN EXAM
100	12	1.40	87	6	ADI		14S	+0.00						510UL	510 BOBBIN EXAM
					NDF		15S	+0.00						520HF	SPECIAL INTEREST +P
100	43	0.24	53	P 1	NQI		07S	+0.00						510UL	510 BOBBIN EXAM
		0.21	70	P 2	TWD 6		07S	+0.00						520HF	SPECIAL INTEREST +P
100	46	0.18	37	P 5	TWD 5		07S	+0.00						510UL	510 BOBBIN EXAM
		0.36	69	P 5	TWD 10		07S	+0.00						510UL	510 BOBBIN EXAM
100	58	10.21	173	P 1	DNT		LTS	+0.00						510UL	510 BOBBIN EXAM
100	59	6.71	174	P 1	DNT		LTS	+0.00						510UL	510 BOBBIN EXAM
100	64	3.14	191	P 1	DNT		LTS	+0.00						510UL	510 BOBBIN EXAM
100	70	4.46	171	P 1	DNT		LTS	+0.16						510UL	510 BOBBIN EXAM
100	71	11.90	173	P 1	DNT		LTS	-0.28						510UL	510 BOBBIN EXAM
100	72	5.99	174	P 1	DNT		LTS	+0.07						510UL	510 BOBBIN EXAM
100	95	4.22	179	P 1	DNT		LTS	+0.00						510UL	510 BOBBIN EXAM
100	96	7.34	171	P 1	DNT		LTS	+0.00						510UL	510 BOBBIN EXAM
100	97	10.03	173	P 1	DNT		LTS	+0.00						510UL	510 BOBBIN EXAM
100	98	18.03	169	P 1	DNT		LTS	+0.11						510UL	510 BOBBIN EXAM
100	99	23.35	171	P 1	DNT		LTS	+0.13						510UL	510 BOBBIN EXAM
100	100	11.71	167	P 1	DNT		LTS	+0.04						510UL	510 BOBBIN EXAM
100	102	0.21	124	P 5	TWD 4		07S	-0.45						510UL	510 BOBBIN EXAM
101	3	8.40	176	P 1	DNT		LTE	+10.29						510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
					NDF		LTE	LTE	LTE					520HF	SPECIAL INTEREST +F
							+10.29								
101	4	6.41	175	P 1	DNT		LTE	+10.48	UTE	LTE				510UL	510 BOBBIN EXAM
101	5	7.34	178	P 1	DNT		LTE	+10.82	UTE	LTE				510UL	510 BOBBIN EXAM
101	7	6.49	175	P 1	DNT		LTE	+10.78	UTE	LTE				510UL	510 BOBBIN EXAM
101	9	5.58	174	P 1	DNT		LTE	+10.91	UTE	LTE				510UL	510 BOBBIN EXAM
		12.55	46	P 5	SCI		ETL	+1.17	ETL	ETL	96			520HF	KINETIC EXP +POINT
		0.29	54	P 5	ARC		ETL	+1.17	ETL	ETL				520HF	KINETIC EXP +POINT
		10.70	49	P 5	SCI		ETL	+1.32	ETL	ETL	95			520HF	KINETIC EXP +POINT
		0.29	54	P 5	ARC		ETL	+1.32	ETL	ETL				520HF	KINETIC EXP +POINT
		6.69	46	P 5	SCI		ETL	+4.30	ETL	ETL	96			520HF	KINETIC EXP +POINT
		0.27	49	P 5	ARC		ETL	+4.30	ETL	ETL				520HF	KINETIC EXP +POINT
101	10	6.60	177	P 1	DNT		LTE	+10.83	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+10.83	LTE	LTE				520HF	SPECIAL INTEREST +P
101	12	0.17	90	P 2	TWD 8		09S	+0.41	09S	09S	WAR			520HF	SPECIAL INTEREST +P
		0.19	79	P 1	NQI		09S	+0.35	UTE	LTE				510UL	510 BOBBIN EXAM
101	49	0.21	47	P 5	TWD 6		07S	+0.70	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
101	53	0.13	125	P 2	INR		UTS	+1.55	UTE	LTE				510UL	510 BOBBIN EXAM
101	61	2.55	177	P 1	DNT		01S	+36.70	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		02S	-1.30	02S	02S				520HF	SPECIAL INTEREST +P
101	62	2.98	180	P 1	DNT		LTS	-0.13	LTE	UTE				510UL	510 BOBBIN EXAM
101	63	8.75	175	P 1	DNT		LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
101	64	3.04	176	P 1	DNT		LTS	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
101	70	2.79	173	P 1	DNT		LTS	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
101	91	5.11	172	P 1	DNT		LTS	-0.09	LTE	UTE				510UL	510 BOBBIN EXAM
101	92	3.41	175	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
101	98	7.46	174	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
101	99	4.87	159	P 1	DNT		LTS	+0.02	LTE	UTE				510UL	510 BOBBIN EXAM
101	118	0.19	128	P 5	TWD 6		08S	-0.53	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
102	2				NDF		LTE	+10.57	LTE	LTE				520HF	SPECIAL INTEREST +P
		6.63	175	P 1	DNT		LTE	+10.57	UTE	LTE				510UL	510 BOBBIN EXAM
102	6				NDF		LTE	+10.85	LTE	LTE				520HF	SPECIAL INTEREST +P
		5.86	177	P 1	DNT		LTE	+10.85	UTE	LTE				510UL	510 BOBBIN EXAM
102	8	5.28	175	P 1	DNT		LTE	+10.99	UTE	LTE				510UL	510 BOBBIN EXAM
		18.52	45	P 5	SCI		ETL	+1.33	ETL	ETL	96			520HF	KINETIC EXP +POINT
		0.30	57	P 5	ARC		ETL	+1.33	ETL	ETL				520HF	KINETIC EXP +POINT
102	10	5.52	177	P 1	DNT		LTE	+10.95	UTE	LTE				510UL	510 BOBBIN EXAM
102	16	0.98	19	P 5	VOL		ETL	+0.83	ETL	ETL	30			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+0.83	ETL	ETL	0.27	0.16		520HF	KINETIC EXP +POINT
102	23	1.39	90	6	ADI		01S	+4.54	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		01S	+4.55	01S	01S				520HF	SPECIAL INTEREST -P

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
102 38	2.92	26	P 4	MVI	LTE	+0.16	LTE	LTE	54		2			520HF	LTE ROLL +POINT
		0	12	CLP	LTE	+0.16	LTE	LTE	0.46		0.24			520HF	LTE ROLL +POINT
	1.93	33	P 4	PID	LTE	+0.16	LTE	LTE						520HF	LTE ROLL +POINT
102 49	3.12	182	P 1	DNT	15S	+38.24	UTE	LTE						510UL	510 BOBBIN EXAM
				NDF	UTS	-8.14	UTS	UTS						520HF	SPECIAL INTEREST +P
102 52	0.21	61	P 1	NQI	04S	+0.72	UTE	LTE						510UL	510 BOBBIN EXAM
				NDF	04S	+0.78	04S	04S						520HF	SPECIAL INTEREST +P
102 59	0.22	172	3	INR	15S	+37.84	LTE	UTE						510UL	510 BOBBIN EXAM
102 72	6.75	174	P 1	DNT	LTS	-0.28	LTE	UTE						510UL	510 BOBBIN EXAM
102 73	8.75	174	P 1	DNT	LTS	+0.02	LTE	UTE						510UL	510 BOBBIN EXAM
102 74	9.15	173	P 1	DNT	LTS	+0.00	LTE	UTE						510UL	510 BOBBIN EXAM
102 75	3.02	165	P 1	DNT	LTS	-0.07	LTE	UTE						510UL	510 BOBBIN EXAM
	1.00	74	6	ADI	07S	+28.20	LTE	UTE						510UL	510 BOBBIN EXAM
				NDF	08S	-11.80	08S	08S						520HF	SPECIAL INTEREST +P
102 88	2.76	172	P 1	DNT	LTS	-0.20	LTE	UTE						510UL	510 BOBBIN EXAM
102 89	7.52	173	P 1	DNT	LTS	-0.09	LTE	UTE						510UL	510 BOBBIN EXAM
102 90	6.11	179	P 1	DNT	LTS	-0.22	LTE	UTE						510UL	510 BOBBIN EXAM
102 91	4.09	168	P 1	DNT	LTS	+0.00	LTE	UTE						510UL	510 BOBBIN EXAM
102 120	0.15	104	P 1	NQI	08S	+0.55	UTE	LTE						510UL	510 BOBBIN EXAM
	0.26	90	P 2	TWD 10	08S	+0.63	08S	08S	WAR					520HF	SPECIAL INTEREST +P
103 3				NDF	LTE	+10.54	LTE	LTE						520HF	SPECIAL INTEREST +P
	6.49	176	P 1	DNT	LTE	+10.54	UTE	LTE						510UL	510 BOBBIN EXAM
103 10	5.85	176	P 1	DNT	LTE	+10.84	UTE	LTE						510UL	510 BOBBIN EXAM
103 13	1.99	185	P 1	INR	02S	+11.28	UTE	LTE						510UL	510 BOBBIN EXAM
103 16	1.99	186	P 1	INR	04S	+27.00	UTE	LTE						510UL	510 BOBBIN EXAM
103 39	0.60	16	P 5	VOL	ETL	+6.98	UTS	ETL	22					520HF	KINETIC EXP +POINT
		0	12	CLP	ETL	+6.98	UTS	ETL	0.21		0.16			520HF	KINETIC EXP +POINT
103 40	3.61	23	P 4	SVI	LTE	+0.16	LTE	LTE	43					520HF	LTE ROLL +POINT
		0	12	CLP	LTE	+0.16	LTE	LTE	0.16		0.18			520HF	LTE ROLL +POINT
	3.14	14	P 4	PID	LTE	+0.16	LTE	LTE						520HF	LTE ROLL +POINT
103 42	0.69	16	P 4	SVI	LTE	+0.22	LTE	LTE	22					520HF	LTE ROLL +POINT
		0	12	CLP	LTE	+0.22	LTE	LTE	0.16		0.14			520HF	LTE ROLL +POINT
	0.42	16	P 4	PID	LTE	+0.22	LTE	LTE						520HF	LTE ROLL +POINT
103 45	0.52	75	6	ADI	15S	+30.31	UTE	LTE						510UL	510 BOBBIN EXAM
				NDF	UTS	-16.06	UTS	UTS						520HF	SPECIAL INTEREST +P
103 49	3.45	25	P 4	SVI	LTE	+0.13	LTE	LTE	51					520HF	LTE ROLL +POINT
		0	12	CLP	LTE	+0.13	LTE	LTE	0.23		0.24			520HF	LTE ROLL +POINT
	4.04	17	P 4	PID	LTE	+0.13	LTE	LTE						520HF	LTE ROLL +POINT
103 51	0.18	82	P 5	NQI	07S	+0.69	UTE	LTE						510UL	510 BOBBIN EXAM
	0.25	107	P 2	TWD 6	07S	+0.60	07S	07S	WAR					520HF	SPECIAL INTEREST +P
103 72	13.54	175	P 1	DNT	LTS	+0.00	UTE	LTE						510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
103	73	21.40	175	P 1	DNT		LTS	+0.00	UTE	LTE				510UL	510 BOBBIN EXAM
103	74	25.45	173	P 1	DNT		LTS	+0.09	LTE	UTE				510UL	510 BOBBIN EXAM
103	75	21.92	172	P 1	DNT		LTS	-0.02	LTE	UTE				510UL	510 BOBBIN EXAM
103	76	5.00	174	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
103	87	9.68	175	P 1	DNT		LTS	-0.31	LTE	UTE				510UL	510 BOBBIN EXAM
103	88	13.58	172	P 1	DNT		LTS	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
103	89	15.80	171	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
103	90	11.26	173	P 1	DNT		LTS	-0.13	LTE	UTE				510UL	510 BOBBIN EXAM
103	119	0.18	97	P 5	TWD 5	09S		-0.37	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
103	121	0.79	24	P 5	SCI		LTE	+0.12	LTE	LTE		LAR		520HF	LTE ROLL +POINT
		0.27	49	P 5	ARC		LTE	+0.12	LTE	LTE				520HF	LTE ROLL +POINT
		0.38	29	P 5	PID		LTE	+0.12	LTE	LTE				520HF	LTE ROLL +POINT
104	41	2.27	18	P 4	SVI		LTE	+0.14	LTE	LTE	27			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.14	LTE	LTE	0.32	0.23		520HF	LTE ROLL +POINT
		1.87	12	P 4	PID		LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
104	47	3.61	26	2	SAI		LTE	+0.25	LTE	LTE	0.31			520HF	LTE ROLL +POINT
		0.18	0	2	LEN		LTE	+0.25	LTE	LTE				520HF	LTE ROLL +POINT
		5.14	22	P 4	PID		LTE	+0.25	LTE	LTE				520HF	LTE ROLL +POINT
104	51	2.72	13	P 4	SVI		LTE	+0.18	LTE	LTE	15			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.18	LTE	LTE	0.17	0.22		520HF	LTE ROLL +POINT
		4.06	12	P 4	PID		LTE	+0.18	LTE	LTE				520HF	LTE ROLL +POINT
104	56				NDF		LTS	+3.65	LTS	LTS				520HF	SPECIAL INTEREST +P
		3.03	177	P 1	DNT		LTS	+3.65	UTE	LTE				510UL	510 BOBBIN EXAM
104	61	1.74	13	P 4	SVI		LTE	+0.19	LTE	LTE	15			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.19	LTE	LTE	0.17	0.10		520HF	LTE ROLL +POINT
		0.87	27	P 4	PID		LTE	+0.19	LTE	LTE				520HF	LTE ROLL +POINT
104	71	5.08	173	P 1	DNT		LTS	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
104	72	16.91	172	P 1	DNT		LTS	+0.07	LTE	UTE				510UL	510 BOBBIN EXAM
104	73				NDF		13S	-10.95	13S	13S				520HF	SPECIAL INTEREST +P
		1.11	67	6	ADI		12S	+26.05	UTE	LTE				510UL	510 BOBBIN EXAM
		26.58	173	P 1	DNT		LTS	-0.02	UTE	LTE				510UL	510 BOBBIN EXAM
104	74	28.99	173	P 1	DNT		LTS	+0.04	LTE	UTE				510UL	510 BOBBIN EXAM
104	75	10.99	172	P 1	DNT		LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
104	77		0	12	CLP		ETL	-2.80	ETL	ETL	0.22	0.14		520HF	SPECIAL INTEREST +P
		0.52	30	P 5	VOL		ETL	-2.80	ETL	ETL				520HF	SPECIAL INTEREST +P
		0.33	37	P 5	VOL		ETL	-2.60	ETL	ETL				520HF	SPECIAL INTEREST +P
			0	12	CLP		ETL	-2.60	ETL	ETL	0.17	0.18		520HF	SPECIAL INTEREST +P
		0.71	10	P 2	TWD 33		UTS	+3.73	UTE	LTE				540HF	540 BOBBIN EXAM
104	86	13.28	173	P 1	DNT		LTS	-0.20	LTE	UTE				510UL	510 BOBBIN EXAM
		0.46	107	6	INR		01S	+13.95	LTE	UTE				510UL	510 BOBBIN EXAM
104	87	19.94	172	P 1	DNT		LTS	-0.13	LTE	UTE				510UL	510 BOBBIN EXAM
104	88	10.74	173	P 1	DNT		LTS	-0.17	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
104	89	14.70	170	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
104	90	10.06	172	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
104	119	0.24	102	3	NQI		01S	+17.61	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		01S	+17.61	01S	01S				520HF	SPECIAL INTEREST +P
104	120	0.14	61	P 1	NQI		09S	+0.28	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		09S	+0.28	09S	09S				520HF	SPECIAL INTEREST +P
105	11	1.37	30	P 5	VOL		ETL	+1.79	UTS	ETL	71			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+1.79	UTS	ETL	0.16	0.11		520HF	KINETIC EXP +POINT
		0.70	25	P 5	VOL		ETL	+4.25	UTS	ETL	51			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+4.25	UTS	ETL	0.05	0.06		520HF	KINETIC EXP +POINT
		1.77	35	P 5	VOL		ETL	+6.05	UTS	ETL	96			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+6.05	UTS	ETL	0.27	0.17		520HF	KINETIC EXP +POINT
		0.86	20	P 5	VOL		ETL	+6.95	UTS	ETL	33			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+6.95	UTS	ETL	0.22	0.17		520HF	KINETIC EXP +POINT
105	15	2.99	87	6	ADI		09S	+35.27	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		10S	-4.73	10S	10S				520HF	SPECIAL INTEREST +P
105	36	4.34	27	P 4	SVI		LTE	+0.20	LTE	LTE	58			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.20	LTE	LTE	0.33	0.23		520HF	LTE ROLL +POINT
		0.21	63	P 5	TWD	6	04S	+0.75	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
		4.29	11	P 4	PID		LTE	+0.20	LTE	LTE				520HF	LTE ROLL +POINT
105	37		0	12	CLP		LTE	+0.14	LTE	LTE	0.23	0.24		520HF	LTE ROLL +POINT
		4.08	30	P 4	SVI		LTE	+0.14	LTE	LTE	71			520HF	LTE ROLL +POINT
		4.63	20	P 4	PID		LTE	+0.14	LTE	LTE				520HF	LTE ROLL +POINT
105	47	0.31	63	P 1	NQI		07S	+0.62	UTE	LTE				510UL	510 BOBBIN EXAM
		0.64	91	P 2	TWD	14	07S	+0.64	07S	07S	WAR			520HF	SPECIAL INTEREST +P
105	48	0.16	135	3	INR		01S	+31.38	UTE	LTE				510UL	510 BOBBIN EXAM
105	55	0.46	70	P 5	TWD	13	07S	+0.62	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
105	57	0.11	47	3	INR		15S	+30.13	UTE	LTE				510UL	510 BOBBIN EXAM
105	72	13.78	172	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
105	73	29.69	173	P 1	DNT		LTS	+0.20	LTE	UTE				510UL	510 BOBBIN EXAM
105	75	6.21	173	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
105	82	2.93	175	P 1	DNT		LTS	-0.32	LTE	UTE				510UL	510 BOBBIN EXAM
105	83	6.12	173	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
105	84	4.43	176	P 1	DNT		LTS	-0.22	LTE	UTE				510UL	510 BOBBIN EXAM
105	85	7.24	173	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
105	86	12.13	172	P 1	DNT		LTS	-0.13	LTE	UTE				510UL	510 BOBBIN EXAM
105	87	8.59	172	P 1	DNT		LTS	-0.15	LTE	UTE				510UL	510 BOBBIN EXAM
105	88	4.01	171	P 1	DNT		LTS	-0.07	LTE	UTE				510UL	510 BOBBIN EXAM
105	89	4.77	172	P 1	DNT		LTS	-0.04	LTE	UTE				510UL	510 BOBBIN EXAM
		0.33	137	P 1	NQI		11S	+0.88	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		11S	+0.88	11S	11S				520HF	SPECIAL INTEREST +P
105	90	2.55	173	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
105 99	0.49	10 3	TWD 33	09S	+15.35			UTE	LTE					540HF	540 BOBBIN EXAM
			NDF	09S	+15.35			09S	09S					520HF	SPECIAL INTEREST +P
105 102	0.22	72 P 1	NQI	08S	+0.74			LTE	UTE					510UL	510 BOBBIN EXAM
	0.33	82 P 2	TWD 11	08S	+0.74			08S	08S	WAR				520HF	SPECIAL INTEREST +P
105 112	0.28	137 P 1	NQI	08S	-0.55			UTE	LTE					510UL	510 BOBBIN EXAM
			NDF	08S	-0.55			08S	08S					520HF	SPECIAL INTEREST +P
106 12	2.32	178 P 1	INR	11S	+20.14			UTE	LTE					510UL	510 BOBBIN EXAM
106 15	1.26	3 P 5	PID	LTE	+0.17			LTE	LTE					520HF	LTE ROLL +POINT
	1.53	7 P 5	SVI	LTE	+0.17			LTE	LTE	5				520HF	LTE ROLL +POINT
		0 12	CLP	LTE	+0.17			LTE	LTE	0.25	0.25			520HF	LTE ROLL +POINT
106 32	1.33	88 6	ADI	01S	-05.74			UTE	LTE					510UL	510 BOBBIN EXAM
	1.09	89 6	ADI	01S	-12.14			UTE	LTE					510UL	510 BOBBIN EXAM
	1.29	89 6	ADI	01S	-13.64			UTE	LTE					510UL	510 BOBBIN EXAM
			NDF	01S	-13.64									520HF	SPECIAL INTEREST +P
			NDF	01S	+14.14									520HF	SPECIAL INTEREST +P
			NDF	02S	-10.14									520HF	SPECIAL INTEREST +P
106 40	0.14	94 3	NQI	09S	-00.14			UTE	LTE					510UL	510 BOBBIN EXAM
			NDF	10S	-00.14									520HF	SPECIAL INTEREST +P
106 49	1.47	25 P 4	SVI	LTE	+0.24			LTE	LTE	51				520HF	LTE ROLL +POINT
		0 12	CLP	LTE	+0.24			LTE	LTE	0.50	0.10			520HF	LTE ROLL +POINT
	3.50	14 P 4	PID	LTE	+0.24			LTE	LTE					520HF	LTE ROLL +POINT
106 54		0 12	CLP	LTE	+0.22			LTE	LTE	0.17	0.13			520HF	LTE ROLL +POINT
	0.90	14 P 4	SVI	LTE	+0.22			LTE	LTE	17				520HF	LTE ROLL +POINT
	1.86	18 P 4	PID	LTE	+0.22			LTE	LTE					520HF	LTE ROLL +POINT
106 70	12.22	172 P 1	DNT	LTS	-0.14			UTE	LTE					510UL	510 BOBBIN EXAM
106 71	13.42	173 P 1	DNT	LTS	+0.14			UTE	LTE					510UL	510 BOBBIN EXAM
106 72	8.48	171 P 1	DNT	LTS	-0.14			UTE	LTE					510UL	510 BOBBIN EXAM
106 75		0 12	CLP	ETL	-1.07			UTE	LTE	0.17	0.18			520HF	KINETIC EXP +POINT
	0.45	27 P 5	VOL	ETL	-1.07			UTE	LTE					520HF	KINETIC EXP +POINT
106 79	6.63	172 P 1	DNT	LTS	+0.02			UTE	LTE					510UL	510 BOBBIN EXAM
106 80	5.92	173 P 1	DNT	LTS	-0.07			UTE	LTE					510UL	510 BOBBIN EXAM
106 81	6.47	175 P 1	DNT	LTS	-0.35			LTE	UTE					510UL	510 BOBBIN EXAM
106 114	0.12	76 3	NQI	11S	+16.70			UTE	LTE					510UL	510 BOBBIN EXAM
			NDF	11S	+16.70			11S	11S					520HF	SPECIAL INTEREST +P
107 4	6.24	176 P 1	DNT	LTE	+10.94			UTE	LTE					510UL	510 BOBBIN EXAM
107 5	5.52	176 P 1	DNT	LTE	+11.09			UTE	LTE					510UL	510 BOBBIN EXAM
			NDF	LTE	+11.09			LTE	LTE					520HF	SPECIAL INTEREST +P
107 13	2.20	175 P 1	INR	LTE	+8.66			UTE	LTE					510UL	510 BOBBIN EXAM
107 35	1.84	19 P 4	SVI	LTE	+0.14			LTE	LTE	30				520HF	LTE ROLL +POINT
		0 12	CLP	LTE	+0.14			LTE	LTE	0.22	0.11			520HF	LTE ROLL +POINT
	1.98	15 P 4	PID	LTE	+0.14			LTE	LTE					520HF	LTE ROLL +POINT
107 53	0.16	101 3	NQI	07S	+28.96			LTE	UTE					510UL	510 BOBBIN EXAM
		2	NDF	08S	-11.04			08S	08S					520HF	SPECIAL INTEREST +P
107 58	3.23	27 P 4	SVI	LTE	+0.15			LTE	LTE	50				520HF	LTE ROLL +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	ITW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		3.00	0	12	CLP		LTE	+0.15	LTE	LTE	0.11	0.14		520HF	LTE ROLL +POINT
			28	P 4	PID		LTE	+0.15	LTE	LTE				520HF	LTE ROLL +POINT
107	61	0.34	101	P 1	NQI		15S	+0.75	LTE	UTE				510UL	510 BOBBIN EXAM
		0.29	74	P 2	TWD 10		15S	+0.71	15S	15S	WAR			520HF	SPECIAL INTEREST +P
107	80	3.27	173	P 1	DNT		LTS	-0.11	LTE	UTE				510UL	510 BOBBIN EXAM
107	81	5.92	174	P 1	DNT		LTS	-0.20	LTE	UTE				510UL	510 BOBBIN EXAM
107	82	5.44	175	P 1	DNT		LTS	-0.34	LTE	UTE				510UL	510 BOBBIN EXAM
107	83	1.82	80	6	ADI		03S	+26.77	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		04S	-13.23	04S	04S				520HF	SPECIAL INTEREST +P
107	105				NDF		01S	+8.16	01S	01S				520HF	SPECIAL INTEREST +P
		3.21	184	P 1	DNT		01S	+8.16	UTE	LTE				510UL	510 BOBBIN EXAM
107	112	0.65	6	3	TWD 20		08S	+8.75	UTE	LTE				510UL	510 BOBBIN EXAM
		0.65	5	3	TWD 17		08S	+9.23	UTE	LTE				540HF	540 BOBBIN EXAM
					NDF		08S	+9.23	08S	08S				520HF	SPECIAL INTEREST +P
108	3				NDF		LTE	+10.78	LTE	LTE				520HF	SPECIAL INTEREST +P
		6.36	177	P 1	DNT		LTE	+10.78	UTE	LTE				510UL	510 BOBBIN EXAM
108	5				NDF		LTE	+10.99	LTE	LTE				520HF	SPECIAL INTEREST +P
		6.10	175	P 1	DNT		LTE	+10.99	UTE	LTE				510UL	510 BOBBIN EXAM
108	11	2.52	179	P 1	DNT		LTE	+9.02	UTE	LTE				510UL	510 BOBBIN EXAM
108	19	1.31	88	6	ADI		02S	+24.16	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		03S	-14.84	03S	03S				520HF	SPECIAL INTEREST +P
108	34	3.19	24	P 4	SVI		LTE	+0.18	LTE	LTE	47			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.18	LTE	LTE	0.28	0.26		520HF	LTE ROLL +POINT
		2.83	16	P 4	PID		LTE	+0.18	LTE	LTE				520HF	LTE ROLL +POINT
108	51	0.08	139	3	INR		10S	+29.60	LTE	UTE				510UL	510 BOBBIN EXAM
108	57	0.07	150	3	INR		12S	+28.64	LTE	UTE				510UL	510 BOBBIN EXAM
		1.10	21	P 4	SVI		LTE	+0.18	LTE	LTE	36			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.18	LTE	LTE	0.11	0.10		520HF	LTE ROLL +POINT
		0.80	27	P 4	PID		LTE	+0.18	LTE	LTE				520HF	LTE ROLL +POINT
108	67				INF		10S	+12.56	LTE	UTE	HR			510UL	510 BOBBIN EXAM
108	81	4.68	174	P 1	DNT		LTS	-0.25	LTE	UTE				510UL	510 BOBBIN EXAM
108	82	3.88	181	P 1	DNT		LTS	+0.00	LTE	UTE				510UL	510 BOBBIN EXAM
108	107	2.83	6	3	TWD 20		12S	+25.65	UTE	LTE				510UL	510 BOBBIN EXAM
		2.88	4	3	INR		12S	+25.65	UTE	LTE				540HF	540 BOBBIN EXAM
109	3	6.63	176	P 1	DNT		LTE	+10.31	UTE	LTE				510UL	510 BOBBIN EXAM
109	4	5.91	177	P 1	DNT		LTE	+10.62	UTE	LTE				510UL	510 BOBBIN EXAM
109	5	2.70	36	P 5	SCI		ETL	+1.85	ETL	ETL	100			520HF	KINETIC EXP +POINT
		0.26	46	P 5	ARC		ETL	+1.85	ETL	ETL				520HF	KINETIC EXP +POINT
		2.67	34	P 5	SCI		ETL	+2.88	ETL	ETL	91			520HF	KINETIC EXP +POINT
		0.20	36	P 5	ARC		ETL	+2.88	ETL	ETL				520HF	KINETIC EXP +POINT
		4.14	37	P 5	SCI		ETL	+4.29	ETL	ETL	100			520HF	KINETIC EXP +POINT
		0.23	43	P 5	ARC		ETL	+4.29	ETL	ETL				520HF	KINETIC EXP +POINT
109	7	3.67	174	P 1	DNT		LTE	+8.30	UTE	LTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	#TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
109	10	0.18	85	P 1	NQI		12S							510UL	510 BOBBIN EXAM
		0.25	78	P 2	TWD	11	12S							520HF	SPECIAL INTEREST +P
109	11	0.40	11	P 2	TWD	37	UTS							540HF	540 BOBBIN EXAM
		0.61	9	P 2	TWD	30	UTS							540HF	540 BOBBIN EXAM
		0.57	4	3	INR		15S							540HF	540 BOBBIN EXAM
		0.54	1	3	INR		15S							540HF	540 BOBBIN EXAM
			0	12	CLP		UTS			0.10		0.11		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS			0.10		0.11		520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS			0.10		0.11		520HF	SPECIAL INTEREST +P
			0	12	CLP		ETL			0.05		0.11		520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.26		0.16		520HF	KINETIC EXP +POINT
		0.42	19	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
		0.50	11	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
		0.37	14	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
		0.58	7	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
		0.87	30	2	VOL		UTS							520HF	KINETIC EXP +POINT
			0	12	CLP		UTS			0.20		0.17		520HF	KINETIC EXP +POINT
		0.40	26	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
109	45	0.71	20	P 5	VOL		ETL			30				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.27		0.22		520HF	KINETIC EXP +POINT
109	81	8.46	173	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
109	91	0.80	74	6	ADI		02S							510UL	510 BOBBIN EXAM
		1.77	78	6	ADI		02S							510UL	510 BOBBIN EXAM
					NDF		03S							520HF	SPECIAL INTEREST +P
					NDF		03S							520HF	SPECIAL INTEREST +P
109	112	0.73	5	P 1	TWD	17	04S							540HF	540 BOBBIN EXAM
					NDF		04S							520HF	SPECIAL INTEREST +P
110	4	0.98	33	P 5	SCI		LTE			86				520HF	LTE ROLL +POINT
		0.26	48	P 5	ARC		LTE							520HF	LTE ROLL +POINT
		0.95	40	P 5	PID		LTE							520HF	LTE ROLL +POINT
110	30	1.04	88	6	ADI		LTS							510UL	510 BOBBIN EXAM
					NDF		01S							520HF	SPECIAL INTEREST +P
110	62	5.23	177	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
		0.30	339	3	INR		12S							510UL	510 BOBBIN EXAM
110	63	5.07	175	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
					NDF		LTE							520HF	SPECIAL INTEREST +P
110	67	1.87	25	P 5	VOL		UTS							520HF	SPECIAL INTEREST +P
			0	12	CLP		UTS			0.29		0.17		520HF	SPECIAL INTEREST +P
		1.51	6	3	TWD	20	15S							540HF	540 BOBBIN EXAM
110	80	3.45	174	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
110	81	6.89	171	P 1	DNT		LTS							510UL	510 BOBBIN EXAM
111	15	6.49	51	P 5	SCI		ETL			94				520HF	KINETIC EXP +POINT
		0.40	75	P 5	ARC		ETL							520HF	KINETIC EXP +POINT
111	31	0.19	113	3	NQI		12S							510UL	510 BOBBIN EXAM
					NDF		12S							520HF	SPECIAL INTEREST +P
111	47	0.69	24	P 4	SVI		LTE			47				520HF	LTE ROLL +POINT
			0	12	CLP		LTE			0.22		0.10		520HF	LTE ROLL +POINT
		2.30	19	P 4	PID		LTE							520HF	LTE ROLL +POINT
111	50	0.13	128	3	NQI		07S							510UL	510 BOBBIN EXAM
		0.24	128	3	NQI		07S							510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
					NDF		08S	-11.40	08S	08S				520HF	SPECIAL INTEREST +P
					NDF		08S	-10.24	08S	08S				520HF	SPECIAL INTEREST +P
111	61	6.35	174	P 1	DNT		LTE	+10.38	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+10.38	LTE	LTE				520HF	SPECIAL INTEREST +P
111	63	5.71	173	P 1	DNT		LTE	+10.89	LTE	UTE				510UL	510 BOBBIN EXAM
111	113	0.30	92	P 5	TWD 9		13S	-0.88	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
111	114	0.50	86	P 5	TWD 15		10S	+0.54	UTE	LTE	WAR			540HF	540 BOBBIN EXAM
111	116	0.21	104.	P 5	NQI		07S	+0.64	UTE	LTE				510UL	510 BOBBIN EXAM
		0.27	59	P 2	TWD 10		07S	+0.63	07S	07S	WAR			520HF	SPECIAL INTEREST +P
112	1	0.14	98	P 2	NQI		15S	+0.11	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		15S	+0.11	15S	15S				520HF	SPECIAL INTEREST +P
112	10	2.34	186	P 1	INR		01S	+19.98	UTE	LTE				510UL	510 BOBBIN EXAM
112	24	0.24	92	3	NQI		01S	+29.26	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		02S	-8.74	02S	02S				520HF	SPECIAL INTEREST +P
112	37	0.21	91	P 5	NQI		02S	+0.73	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		02S	+0.73	02S	02S				520HF	SPECIAL INTEREST +P
112	62	0.15	80	P 2	NQI		LTE	+3.33	LTE	UTE				510UL	510 BOBBIN EXAM
		5.88	175	P 1	DNT		LTE	+10.07	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+3.33	LTE	LTE				520HF	SPECIAL INTEREST +P
112	63	6.21	174	P 1	DNT		LTE	+10.16	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+10.16	LTE	LTE				520HF	SPECIAL INTEREST +P
112	68	12.53	46	P 5	SCI		ETL	+6.04	UTS	ETL	96			520HF	KINETIC EXP +POINT
		0.27	51	P 5	ARC		ETL	+6.04	UTS	ETL				520HF	KINETIC EXP +POINT
		3.88	41	P 5	SCI		ETL	+6.85	UTS	ETL	96			520HF	KINETIC EXP +POINT
		0.27	51	P 5	ARC		ETL	+6.85	UTS	ETL				520HF	KINETIC EXP +POINT
112	72	4.17	185	P 1	DNT		10S	+7.19	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		10S	+7.19	10S	10S				520HF	SPECIAL INTEREST +P
112	83	2.28	182	P 1	INR		09S	+27.10	LTE	UTE				510UL	510 BOBBIN EXAM
112	108	0.22	88	P 5	TWD 7		08S	-0.32	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
112	112	0.44	92	P 2	TWD 15		11S	-0.69	11S	11S	WAR			520HF	SPECIAL INTEREST +P
		0.19	103	P 2	TWD 7		11S	+0.65	11S	11S	WAR			520HF	SPECIAL INTEREST +P
		0.31	88	P 1	NQI		11S	+0.62	UTE	LTE				510UL	510 BOBBIN EXAM
		1.12	96	P 5	TWD 26		13S	+0.00	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
		1.72	93	P 5	NQI		09S	-0.09	UTE	LTE				510UL	510 BOBBIN EXAM
		1.13	85	P 2	TWD 23		09S	-0.02	09S	09S	WAR			520HF	SPECIAL INTEREST +P
112	113	0.34	103	P 5	TWD 11		13S	-0.82	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
112	116	0.25	80	P 5	TWD 8		06S	+0.69	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
113	11	0.86	11	P 5	PID		LTE	+0.22	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.22	LTE	LTE	0.11	0.10		520HF	LTE ROLL +POINT
		1.27	9	P 5	SVI		LTE	+0.22	LTE	LTE	8			520HF	LTE ROLL +POINT
113	12	0.39	94	P 2	INR		LTE	+11.44	UTE	LTE				510UL	510 BOBBIN EXAM
113	48	1.64	27	P 4	SVI		LTE	+0.23	LTE	LTE	58			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.23	LTE	LTE	0.30	0.14		520HF	LTE ROLL +POINT
		2.54	15	P 4	PID		LTE	+0.23	LTE	LTE				520HF	LTE ROLL +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
113	77	0.55	81	P 5	TWD	11	03S	+0.74	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
113	114	0.44	75	P 5	TWD	13	12S	-0.79	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
113	115	0.21	114	P 5	TWD	7	13S	-0.84	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
		0.21	144	P 5	TWD	7	12S	-0.86	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
114	3	0.21	74	3	NQI		14S	+29.64	UTE	LTE				510UL	510 BOBBIN EXAM
		0.24	80	3	NQI		14S	+27.07	UTE	LTE				510UL	510 BOBBIN EXAM
		0.27	61	3	NQI		14S	+26.55	UTE	LTE				510UL	510 BOBBIN EXAM
		0.17	88	2	SAI		15S	-8.72	15S	15S	26			520HF	SPECIAL INTEREST +P
		0.40	0	2	LEN		15S	-8.72	15S	15S				520HF	SPECIAL INTEREST +P
		0.32	79	2	SAI		15S	-8.17	15S	15S	38			520HF	SPECIAL INTEREST +P
		0.35	80	2	SAI		15S	-6.60	15S	15S	36			520HF	SPECIAL INTEREST +P
		0.75	0	2	LEN		15S	-6.60	15S	15S				520HF	SPECIAL INTEREST +P
		0.15	78	2	SAI		15S	-6.17	15S	15S	39			520HF	SPECIAL INTEREST +P
		0.16	84	2	SAI		15S	-5.53	15S	15S	31			520HF	SPECIAL INTEREST +P
		0.46	0	2	LEN		15S	-5.53	15S	15S				520HF	SPECIAL INTEREST +P
		0.79	0	2	LEN		15S	-8.17	15S	15S				520HF	SPECIAL INTEREST +P
		0.25	0	2	LEN		15S	-6.17	15S	15S				520HF	SPECIAL INTEREST +P
114	29				NDF		15S	+9.71	15S	15S				520HF	SPECIAL INTEREST +P
		0.31	120	3	NQI		15S	+9.71	UTE	LTE				510UL	510 BOBBIN EXAM
114	38	0.20	59	P 5	TWD	6	06S	+0.62	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
114	51	1.34	22	P 5	SVI		LTE	+0.30	LTE	LTE				520HF	LTE ROLL +POINT
			0	P 5	CLP		LTE	+0.30	LTE	LTE	0.17	0.10		520HF	LTE ROLL +POINT
		1.39	26	P 5	PID		LTE	+0.30	LTE	LTE				520HF	LTE ROLL +POINT
114	53	0.19	81	3	NQI		12S	+6.53	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		12S	+6.53	12S	12S				520HF	SPECIAL INTEREST +P
114	61	0.36	76	P 5	TWD	8	07S	+0.75	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
114	110				NDF		08S	+0.30	08S	08S				520HF	SPECIAL INTEREST +P
		0.16	120	P 1	NQI		08S	+0.30	UTE	LTE				510UL	510 BOBBIN EXAM
		0.16	131	P 5	TWD	6	12S	-0.86	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
114	115	0.32	76	P 5	TWD	10	10S	+0.57	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
115	1	0.38	111	P 2	NQI		15S	+0.58	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		15S	+0.58	15S	15S				520HF	SPECIAL INTEREST +P
115	2	0.26	95	3	NQI		11S	+14.20	UTE	LTE				510UL	510 BOBBIN EXAM
		0.16	0	2	LEN		11S	+14.52	11S	11S				520HF	SPECIAL INTEREST +P
		0.34	72	2	SAI		11S	+14.52	11S	11S	48			520HF	SPECIAL INTEREST +P
115	24	0.31	86	P 5	TWD	8	06S	+0.58	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
115	32	0.17	86	3	NQI		11S	+25.00	UTE	LTE				510UL	510 BOBBIN EXAM
		0.11	95	3	NQI		12S	+7.81	UTE	LTE				510UL	510 BOBBIN EXAM
		0.21	68	3	NQI		07S	+38.71	UTE	LTE				510UL	510 BOBBIN EXAM
		0.14	95	P 1	NQI		10S	-0.02	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		12S	+7.81	12S	12S				520HF	SPECIAL INTEREST +P
					NDF		12S	-13.00	12S	12S				520HF	SPECIAL INTEREST +P
					NDF		10S	-0.02	10S	10S				520HF	SPECIAL INTEREST +P
					NDF		08S	-1.29	08S	08S				520HF	SPECIAL INTEREST +P
115	33	2.59	185	P 1	DNT		LTS	+23.32	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		01S	-22.68	01S	01S				520HF	SPECIAL INTEREST +P
115	46	0.08	110	P 1	NQI		07S	+0.28	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		07S	+0.28	07S	07S				520HF	SPECIAL INTEREST +P
115	110	0.88	91	P 2	TWD	19	13S	-0.76	13S	13S	WAR			520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.37	92	P 2	TWD	12	13S							520HF	SPECIAL INTEREST +P
		0.60	92	P 2	TWD	14	10S							520HF	SPECIAL INTEREST +P
		0.19	83	P 2	TWD	6	10S							520HF	SPECIAL INTEREST +P
		0.22	115	P 5	NQI		10S							540HF	540 BOBBIN EXAM
		0.40	89	P 5	TWD	12	12S							540HF	540 BOBBIN EXAM
		0.40	116	P 5	NQI		13S							540HF	540 BOBBIN EXAM
		0.25	80	P 5	TWD	8	13S							540HF	540 BOBBIN EXAM
116	8	0.31	89	P 5	TWD	9	09S							510UL	510 BOBBIN EXAM
116	9	2.44	23	P 4	PID		LTE							520HF	LTE ROLL +POINT
			0	12	CLP		LTE			0.18		0.15		520HF	LTE ROLL +POINT
		3.56	23	P 4	SVI		LTE			43		LAR		520HF	LTE ROLL +POINT
116	12	3.27	86	6	ADI		03S							510UL	510 BOBBIN EXAM
					NDF		03S							520HF	SPECIAL INTEREST +P
116	50	1.02	85	6	ADI		15S							510UL	510 BOBBIN EXAM
					NDF		UTS							520HF	SPECIAL INTEREST +P
116	60	0.23	99	P 1	INR		LTE							510UL	510 BOBBIN EXAM
116	64	0.58	7	3	TWD	23	15S							510UL	510 BOBBIN EXAM
		0.66	3	3	INR		15S							540HF	540 BOBBIN EXAM
116	66	0.31	25	P 5	VOL		ETL							520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.17		0.14		520HF	KINETIC EXP +POINT
116	78	2.07	18	2	PID		LTE							520HF	LTE ROLL +POINT
		2.31	25	2	SAI		LTE			0.23		LAR		520HF	LTE ROLL +POINT
		0.15	2	LEN			LTE							520HF	LTE ROLL +POINT
116	108	0.20	118	P 5	TWD	6	12S							510UL	510 BOBBIN EXAM
		0.13	88	P 5	TWD	4	09S							510UL	510 BOBBIN EXAM
116	111	0.13	59	P 5	TWD	5	09S							510UL	510 BOBBIN EXAM
117	3	0.26	48	P 5	ARC		ETL							520HF	KINETIC EXP +POINT
		1.90	35	P 5	SCI		ETL			96				520HF	KINETIC EXP +POINT
117	20	1.71	18	2	PID		LTE							520HF	LTE ROLL +POINT
		1.69	27	P 5	SVI		LTE			58				520HF	LTE ROLL +POINT
			0	12	CLP		LTE			0.06		0.09		520HF	LTE ROLL +POINT
117	36	1.73	77	6	ADI		03S							510UL	510 BOBBIN EXAM
					NDF		04S							520HF	SPECIAL INTEREST +P
117	54	1.20	19	P 5	SVI		LTE			30				520HF	LTE ROLL +POINT
			0	12	CLP		LTE			0.34		0.10		520HF	LTE ROLL +POINT
		1.61	16	P 5	PID		LTE							520HF	LTE ROLL +POINT
117	56				NDF		12S							520HF	SPECIAL INTEREST +P
		0.64	8	3	TWD	27	12S							540HF	540 BOBBIN EXAM
117	78				NDF		UTS							520HF	SPECIAL INTEREST +P
		0.22	119	P 1	NQI		UTS							510UL	510 BOBBIN EXAM
117	81	0.80	13	P 5	SVI		LTE			15		LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE			0.22		0.19		520HF	LTE ROLL +POINT
		1.02	11	P 5	PID		LTE							520HF	LTE ROLL +POINT
117	96	0.18	59	P 5	TWD	6	07S							510UL	510 BOBBIN EXAM
118	1	0.23	78	3	NQI		15S							510UL	510 BOBBIN EXAM
		0.22	0	2	LEN		UTS							520HF	SPECIAL INTEREST +P
		0.15	63	2	MAI		UTS			40				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
118	23	0.26	49	P 5	ARC		ETL	+2.33	ETL	ETL				520HF	KINETIC EXP +POINT
		3.22	43	P 5	SCI		ETL	+2.33	ETL	ETL	99			520HF	KINETIC EXP +POINT
118	47	1.32	86	6	ADI		13S	+18.94	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		14S	-17.06	14S	14S				520HF	SPECIAL INTEREST +P
118	101				NDF		12S	+9.48	12S	12S				520HF	SPECIAL INTEREST +P
					NDF		12S	-4.97	12S	12S				520HF	SPECIAL INTEREST +P
		0.91	7	3	TWD	23	12S	+9.48	UTE	LTE				540HF	540 BOBBIN EXAM
		1.58	7	3	TWD	23	11S	+33.03	UTE	LTE				540HF	540 BOBBIN EXAM
118	103				NDF		09S	+0.17	09S	09S				520HF	SPECIAL INTEREST +P
		0.08	103	P 5	NQI		09S	+0.17	UTE	LTE				510UL	510 BOBBIN EXAM
119	4	0.24	100	P 1	NQI		14S	-0.79	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		14S	-0.79	14S	14S				520HF	SPECIAL INTEREST +P
119	15	2.47	29	P 4	PID		LTE	+0.15	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.15	LTE	LTE	0.17	0.14		520HF	LTE ROLL +POINT
		3.41	23	P 4	SVI		LTE	+0.15	LTE	LTE	43	LAR		520HF	LTE ROLL +POINT
119	19	1.01	21	P 4	PID		LTE	+0.15	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.15	LTE	LTE	0.11	0.14		520HF	LTE ROLL +POINT
		1.75	13	P 4	MVI		LTE	+0.15	LTE	LTE	15	3		520HF	LTE ROLL +POINT
119	21	5.33	44	P 5	VOL		ETL	+6.48	UTS	ETL	97			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+6.48	UTS	ETL	0.38	0.11		520HF	KINETIC EXP +POINT
119	23	2.64	20	2	PID		LTE	+0.16	LTE	LTE				520HF	LTE ROLL +POINT
		0.15	0	2	LEN		LTE	+0.16	LTE	LTE				520HF	LTE ROLL +POINT
		2.93	22	2	SAI		LTE	+0.16	LTE	LTE		LAR		520HF	LTE ROLL +POINT
119	30	0.52	166	3	NQI		LTS	+20.98	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTS	+20.98	LTS	LTS				520HF	SPECIAL INTEREST +P
119	36	1.33	24	P 4	PID		LTE	+0.16	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.16	LTE	LTE	0.17	0.17		520HF	LTE ROLL +POINT
		4.65	31	P 4	SVI		LTE	+0.16	LTE	LTE	76	LAR		520HF	LTE ROLL +POINT
119	43	1.59	31	P 4	SVI		LTE	+0.19	LTE	LTE	76			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.19	LTE	LTE	0.33	0.20		520HF	LTE ROLL +POINT
		2.59	20	P 4	PID		LTE	+0.19	LTE	LTE				520HF	LTE ROLL +POINT
119	55	0.41	95	P 2	NQI		LTE	+5.87	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+5.87	LTE	LTE				520HF	SPECIAL INTEREST +P
119	93	0.15	78	P 1	NQI		06S	-0.55	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		06S	-0.55	06S	06S				520HF	SPECIAL INTEREST +P
119	105	0.15	120	P 1	INR		15S	+0.35	UTE	LTE				510UL	510 BOBBIN EXAM
119	108	0.65	72	P 5	TWD	17	06S	+0.69	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
120	23	2.43	17	P 4	SVI		LTE	+0.17	LTE	LTE	25			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.17	LTE	LTE	0.16	0.18		520HF	LTE ROLL +POINT
		2.33	14	P 4	PID		LTE	+0.23	LTE	LTE				520HF	LTE ROLL +POINT
120	25	1.62	89	6	ADI		LTS	+44.69	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		01S	-1.31	01S	01S				520HF	SPECIAL INTEREST +P
120	36	0.48	7	3	TWD	23	15S	+16.78	UTE	LTE				540HF	540 BOBBIN EXAM
		0.44	7	3	TWD	23	14S	+20.96	UTE	LTE				540HF	540 BOBBIN EXAM
					NDF		15S	+16.78	15S	15S				520HF	SPECIAL INTEREST +P
					NDF		15S	-14.04	15S	15S				520HF	SPECIAL INTEREST +P
		0.44	9	3	TWD	30	15S	+16.83	UTE	LTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
120	55	1.93	14	2	PID	LTE	+0.19	LTE	LTE					520HF	LTE ROLL +POINT
		2.17	14	2	SVI	LTE	+0.19	LTE	LTE	43				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.19	LTE	LTE	0.28	0.25			520HF	LTE ROLL +POINT
120	78	0.16	91	P 5	TWD 4	07S	-0.34	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
120	107	0.27	0	2	LEN	LTE	+0.42	LTE	LTE					520HF	LTE ROLL +POINT
		0.75	49	2	SAI	LTE	+0.42	LTE	LTE	0.53	LAR			520HF	LTE ROLL +POINT
		0.26	41	2	PID	LTE	+0.42	LTE	LTE					520HF	LTE ROLL +POINT
121	1	2.64	172	P 1	DNT	LTE	+8.79	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	LTE	+8.79	LTE	LTE					520HF	SPECIAL INTEREST +P
121	2	1.03	29	P 5	VOL	ETL	+0.14	ETL	ETL	67				520HF	KINETIC EXP +POINT
			0	12	CLP	ETL	+0.14	ETL	ETL	0.11	0.05			520HF	KINETIC EXP +POINT
121	18	2.76	29	P 4	PID	LTE	+0.16	LTE	LTE					520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.16	LTE	LTE	0.12	0.20			520HF	LTE ROLL +POINT
		4.94	21	P 4	SVI	LTE	+0.16	LTE	LTE	36	LAR			520HF	LTE ROLL +POINT
121	20	0.22	89	3	NQI	LTS	+35.75	UTE	LTE					510UL	510 BOBBIN EXAM
		0.14	73	3	NQI	11S	+35.35	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	01S	-10.25	01S	01S					520HF	SPECIAL INTEREST +P
					NDF	12S	-2.65	12S	12S					520HF	SPECIAL INTEREST +P
121	28	2.47	27	P 4	SVI	LTE	+0.13	LTE	LTE	58				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.13	LTE	LTE	0.17	0.19			520HF	LTE ROLL +POINT
		2.57	17	P 4	PID	LTE	+0.13	LTE	LTE					520HF	LTE ROLL +POINT
121	30	2.12	24	P 4	PID	LTE	+0.12	LTE	LTE					520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.12	LTE	LTE	0.17	0.18			520HF	LTE ROLL +POINT
		2.69	28	P 4	SVI	LTE	+0.12	LTE	LTE	63	LAR			520HF	LTE ROLL +POINT
121	38	1.23	13	P 4	PID	LTE	+0.22	LTE	LTE					520HF	LTE ROLL +POINT
		1.72	17	P 4	SVI	LTE	+0.22	LTE	LTE	25				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.22	LTE	LTE	0.18	0.18			520HF	LTE ROLL +POINT
121	69				NDF	01S	+7.40	01S	01S					520HF	SPECIAL INTEREST +P
		0.50	7	3	TWD 23	01S	+7.40	UTE	LTE		LOCOK			540HF	540 BOBBIN EXAM
121	94	1.35	87	6	ADI	13S	+6.07	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	13S	+6.07	13S	13S					520HF	SPECIAL INTEREST +P
121	102	0.23	62	P 1	NQI	09S	+0.62	UTE	LTE					510UL	510 BOBBIN EXAM
		0.37	78	P 2	TWD 12	09S	+0.61	09S	09S	WAR				520HF	SPECIAL INTEREST +P
		0.22	66	P 2	TWD 7	09S	-0.75	09S	09S	WAR				520HF	SPECIAL INTEREST +P
121	103	0.26	71	P 2	TWD 9	09S	+0.63	09S	09S	WAR				520HF	SPECIAL INTEREST +P
		0.12	83	P 1	NQI	09S	+0.58	UTE	LTE					510UL	510 BOBBIN EXAM
122	18	0.83	13	P 5	PID	LTE	+0.31	LTE	LTE					520HF	LTE ROLL +POINT
		1.00	7	P 5	SVI	LTE	+0.31	LTE	LTE	17				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.31	LTE	LTE	0.20	0.17			520HF	LTE ROLL +POINT
122	27	3.22	27	P 4	PID	LTE	+0.13	LTE	LTE					520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.13	LTE	LTE	0.16	0.27			520HF	LTE ROLL +POINT
		3.63	24	P 4	SVI	LTE	+0.13	LTE	LTE	47	LAR			520HF	LTE ROLL +POINT
122	28	5.79	175	P 1	DNT	LTE	+10.85	UTE	LTE					510UL	510 BOBBIN EXAM
122	29	5.43	176	P 1	DNT	LTE	+11.34	UTE	LTE					510UL	510 BOBBIN EXAM
122	34	1.91	27	P 4	SVI	LTE	+0.20	LTE	LTE	58				520HF	LTE ROLL +POINT
			0	12	CLP	LTE	+0.20	LTE	LTE	0.22	0.19			520HF	LTE ROLL +POINT
		3.19	18	2	PID	LTE	+0.20	LTE	LTE					520HF	LTE ROLL +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
122	40	3.35	27	2	PID		LTE							520HF	LTE ROLL +POINT
		0.20	0	2	LEN		LTE							520HF	LTE ROLL +POINT
		4.46	27	2	SAI		LTE					LAR		520HF	LTE ROLL +POINT
122	44				NDF		UTS							520HF	SPECIAL INTEREST +P
		0.86	6	P 2	TWD 20		UTS							540HF	540 BOBBIN EXAM
122	61	2.01	36	P 5	VOL		ETL			100				520HF	KINETIC EXP +POINT
			0	12	CLP		ETL			0.22		0.18		520HF	KINETIC EXP +POINT
122	79	0.18	72	P 1	NQI		05S							510UL	510 BOBBIN EXAM
		0.46	100	P 2	TWD 11		05S			WAR				520HF	SPECIAL INTEREST +P
122	93	0.43	24	P 5	SVI		LTE			47		LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE			0.10		0.12		520HF	LTE ROLL +POINT
		0.35	30	P 5	PID		LTE							520HF	LTE ROLL +POINT
123	14	2.46	181	P1	INR		15S							510UL	510 BOBBIN EXAM
123	27	4.87	175	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
123	29	5.19	176	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
					NDF		LTS							520HF	SPECIAL INTEREST +P
123	34	0.12	68	3	NQI		10S							510UL	510 BOBBIN EXAM
				2	NDF		11S							520HF	SPECIAL INTEREST +P
123	62	0.17	31	P 5	ARC		ETL							520HF	KINETIC EXP +POINT
		1.17	19	P 5	SCI		ETL			30				520HF	KINETIC EXP +POINT
123	65	0.15	129	P 1	NQI		07S							510UL	510 BOBBIN EXAM
		0.33	93	P 2	TWD 8		07S			WAR				520HF	SPECIAL INTEREST +P
123	76				NDF		03S							520HF	SPECIAL INTEREST +P
		0.22	81	P 5	TWD 6		02S			WAR				510UL	510 BOBBIN EXAM
		2.53	178	P 1	DNT		03S							510UL	510 BOBBIN EXAM
123	81	0.14	65	3	NQI		02S							510UL	510 BOBBIN EXAM
					NDF		02S							520HF	SPECIAL INTEREST +P
123	98		0	12	CLP		LTE			0.18		0.19		520HF	LTE ROLL +POINT
		1.44	15	P 4	SVI		LTE			20		LAR		520HF	LTE ROLL +POINT
		1.14	11	P 4	PID		LTE							520HF	LTE ROLL +POINT
123	103				NDF		15S							520HF	SPECIAL INTEREST +P
		0.08	86	P 1	NQI		15S							510UL	510 BOBBIN EXAM
124	18	1.97	25	P 4	PID		LTE							520HF	LTE ROLL +POINT
			0	12	CLP		LTE			0.16		0.21		520HF	LTE ROLL +POINT
		2.65	14	P 4	MVI		LTE			17		LAR		520HF	LTE ROLL +POINT
124	26	5.50	173	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
					NDF		LTE							520HF	SPECIAL INTEREST +P
124	27	4.89	175	P 1	DNT		LTE							510UL	510 BOBBIN EXAM
124	30	2.40	22	P 4	SVI		LTE			40				520HF	LTE ROLL +POINT
			0	12	CLP		LTE			0.34		0.20		520HF	LTE ROLL +POINT
		2.60	15	P 4	PID		LTE							520HF	LTE ROLL +POINT
124	32	0.37	4	P 5	SCI		LTE			2				520HF	LTE ROLL +POINT
		0.17	31	P 5	ARC		LTE							520HF	LTE ROLL +POINT
		0.69	12	P 5	PID		LTE							520HF	LTE ROLL +POINT
124	34	0.40	11	P 5	VOL		ETL			11				520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
			0	12	CLP		ETL	+1.08	ETL	ETL	0.16	0.11		520HF	KINETIC EXP +POINT
124	36		0	12	CLP		UTS	-1.26	UTS	UTS	0.29	0.21		520HF	SPECIAL INTEREST +P
		0.20	19	P 5	VOL		UTS	-1.26	UTS	UTS				520HF	SPECIAL INTEREST +P
		0.64	4	3	INR		15S	+45.07	UTE	LTE				540HF	540 BOBBIN EXAM
124	39		0.11	129	P 1	NQI	07S	+0.52	UTE	LTE				510UL	510 BOBBIN EXAM
		0.18	92	P 2	TWD 6		07S	+0.52	07S	07S	WAR			520HF	SPECIAL INTEREST +P
124	46			0	12	CLP	LTE	+0.37	LTE	LTE	0.16	0.15		520HF	LTE ROLL +POINT
		3.18	23	P 4	SVI		LTE	+0.37	LTE	LTE	43	LAR		520HF	LTE ROLL +POINT
		1.87	24	P 4	PID		LTE	+0.37	LTE	LTE				520HF	LTE ROLL +POINT
124	50		1.37	73	6	ADI	14S	+29.66	UTE	LTE				510UL	510 BOBBIN EXAM
						NDF	15S	-5.34	15S	15S				520HF	SPECIAL INTEREST +P
124	69		0.18	89	P 5	TWD 4	06S	+0.75	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
124	96		0.21	110	P 5	TWD 7	09S	-0.11	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
124	99					NDF	10S	-0.11	10S	10S				520HF	SPECIAL INTEREST +P
		0.16	56	P 5	NQI		10S	-0.11	UTE	LTE				510UL	510 BOBBIN EXAM
125	4		0.25	98	P 1	NQI	11S	-0.89	UTE	LTE				510UL	510 BOBBIN EXAM
						NDF	11S	-0.89	11S	11S				520HF	SPECIAL INTEREST +P
125	6		2.18	186	P 1	INR	02S	+21.51	UTE	LTE				510UL	510 BOBBIN EXAM
125	32		1.10	14	P 4	MVI	LTE	+0.22	LTE	LTE	17	2		520HF	LTE ROLL +POINT
				0	12	CLP	LTE	+0.22	LTE	LTE	0.43	0.15		520HF	LTE ROLL +POINT
		3.94	13	P 4	PID		LTE	+0.22	LTE	LTE				520HF	LTE ROLL +POINT
125	38		0.15	115	P 1	INR	07S	+0.21	UTE	LTE				510UL	510 BOBBIN EXAM
125	51		0.45	6	3	TWD 20	14S	+2.06	UTE	LTE				540HF	540 BOBBIN EXAM
						NDF	14S	+2.06	14S	14S				520HF	SPECIAL INTEREST +P
125	72		0.11	91	P 5	TWD 3	07S	-0.43	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
125	98		0.65	103	P 1	INR	LTE	+11.20	UTE	LTE				510UL	510 BOBBIN EXAM
125	99		0.21	38	P 5	ARC	LTE	+0.15	LTE	LTE				520HF	LTE ROLL +POINT
		0.80	20	P 5	SCI		LTE	+0.15	LTE	LTE	33	LAR		520HF	LTE ROLL +POINT
		0.52	12	P 1	PID		LTE	+0.15	LTE	LTE				520HF	LTE ROLL +POINT
126	1		2.68	175	P 1	DNT	LTE	+9.37	UTE	LTE				510UL	510 BOBBIN EXAM
						NDF	LTE	+9.37	LTE	LTE				520HF	SPECIAL INTEREST +P
126	3		0.21	94	3	INR	10S	+2.48	UTE	LTE				510UL	510 BOBBIN EXAM
126	91		1.31	83	6	ADI	13S	+12.44	UTE	LTE				510UL	510 BOBBIN EXAM
						NDF	13S	+12.44	13S	13S				520HF	SPECIAL INTEREST +P
126	94		0.17	91	P 5	TWD 5	08S	+0.66	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
127	4		1.11	79	6	ADI	10S	+13.83	UTE	LTE				510UL	510 BOBBIN EXAM
		0.33	99	2	MBM		10S	+13.74	10S	10S	HR			520HF	SPECIAL INTEREST +P
127	31		0.32	123	3	NQI	14S	+22.50	UTE	LTE				510UL	510 BOBBIN EXAM
						NDF	15S	-12.50	15S	15S				520HF	SPECIAL INTEREST +P
127	33		0.36	7	P 5	VOL	ETL	+0.10	ETL	ETL	6			520HF	KINETIC EXP +POINT
				0	12	CLP	ETL	+0.10	ETL	ETL	0.10	0.22		520HF	KINETIC EXP +POINT
127	46		3.33	184	P 1	DNT	LTE	+18.06	LTE	UTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	WTW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
127	67	1.73	61	6	ADI		13S	+10.91	LTE	UTE				510UL	510 BOBBIN EXAM
		3.27	184	P 1	DNT		LTE	+3.77	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		13S	+10.91	13S	13S				520HF	SPECIAL INTEREST +P
127	74	0.14	91	P 5	TWD 4		07S	+0.71	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
127	92	0.12	132	P 5	TWD 3		09S	-0.77	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
127	94	0.14	52	P 5	TWD 4		09S	-0.80	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
127	95	0.35	76	P 2	TWD 14		08S	+0.73	08S	08S	WAR			520HF	SPECIAL INTEREST +P
		0.28	70	P 5	NQI		08S	+0.73	UTE	LTE				510UL	510 BOBBIN EXAM
128	1	2.66	186	P 1	DNT		01S	+19.00	UTE	LTE				510UL	510 BOBBIN EXAM
		0.23	87	P 1	NQI		12S	-0.89	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		02S	-18.38		02S				520HF	SPECIAL INTEREST +P
					NDF		12S	-0.89		12S				520HF	SPECIAL INTEREST +P
128	5	6.55	177	P 1	DNT		LTE	+10.38	UTE	LTE				510UL	510 BOBBIN EXAM
128	6	5.07	175	P 1	DNT		LTE	+10.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+10.00	UTE	LTE				520HF	SPECIAL INTEREST +P
128	10	3.21	24	P 4	PID		LTE	+0.19	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.19	LTE	LTE	0.11	0.16		520HF	LTE ROLL +POINT
		3.24	27	P 4	SVI		LTE	+0.19	LTE	LTE	58	LAR		520HF	LTE ROLL +POINT
128	27	2.86	30	P 4	PID		LTE	+0.19	LTE	LTE				520HF	LTE ROLL +POINT
		2.78	22	P 4	SVI		LTE	+0.19	LTE	LTE	40	LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.19	LTE	LTE	0.15	0.22		520HF	LTE ROLL +POINT
128	29	5.49	179	P 1	DNT		LTE	+11.00	UTE	LTE				510UL	510 BOBBIN EXAM
128	30	5.31	176	P 1	DNT		LTE	+11.00	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.00	UTE	LTE				520HF	SPECIAL INTEREST +P
128	37	2.21	24	P 4	SVI		LTE	+0.24	LTE	LTE	47			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.24	LTE	LTE	0.48	0.15		520HF	LTE ROLL +POINT
		3.34	186	P 1	DNT		13S	+8.35	UTE	LTE				510UL	510 BOBBIN EXAM
		3.54	16	P 4	PID		LTE	+0.24	LTE	LTE				520HF	LTE ROLL +POINT
					NDF		13S	+8.35	UTE	LTE				520HF	SPECIAL INTEREST +P
128	56	4.73	177	P 1	DNT		LTE	+9.13	UTE	LTE				510UL	510 BOBBIN EXAM
128	63	0.55	5	3	TWD 17		05S	+5.27	UTE	LTE				540HF	540 BOBBIN EXAM
					NDF		05S	+5.27	UTE	LTE				520HF	SPECIAL INTEREST +P
128	74	0.24	96	P 5	TWD 7		04S	-0.75	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
128	91	0.10	93	P 5	TWD 3		09S	-0.80	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
129	3	0.21	62	P 5	TWD 6		06S	-0.82	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
129	4	5.44	176	P 1	DNT		LTE	+10.74	UTE	LTE				510UL	510 BOBBIN EXAM
129	6	5.27	174	P 1	DNT		LTE	+10.45	UTE	LTE				510UL	510 BOBBIN EXAM
129	22	3.40	43	P 5	SCI		ETL	+7.80	UTS	ETL	97			520HF	KINETIC EXP +POINT
		0.27	50	P 5	ARC		ETL	+7.80	UTS	ETL				520HF	KINETIC EXP +POINT
129	28	5.68	179	P 1	DNT		LTE	+11.46	UTE	LTE				510UL	510 BOBBIN EXAM
129	30	5.60	177	P 1	DNT		LTE	+11.34	UTE	LTE				510UL	510 BOBBIN EXAM
129	52	0.63	95	3	NQI		LTE	+4.19	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+4.19	LTE	LTE				520HF	SPECIAL INTEREST +P

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	&TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
129	55	0.36	100	P 1	INR		LTE	+13.07	LTE	UTE				510UL	510 BOBBIN EXAM
130	1	0.32	73	P 5	TWD 9		12S	-0.89	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
130	4	5.71	175	P 1	DNT		LTE	+10.60	UTE	LTE				510UL	510 BOBBIN EXAM
130	5	5.15	176	P 1	DNT		LTE	+10.79	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+10.79	LTE	LTE				520HF	SPECIAL INTEREST +P
130	12	0.23	104	P 1	NQI		09S	-0.82	UTE	LTE				510UL	510 BOBBIN EXAM
		0.16	30	P 5	ARC		ETL	+2.09	UTS	ETL				520HF	KINETIC EXP +POINT
		0.65	21	P 5	SCI		ETL	+2.09	UTS	ETL	36			520HF	KINETIC EXP +POINT
		21.70	45	P 5	SCI		ETL	+2.83	UTS	ETL	96			520HF	KINETIC EXP +POINT
		0.32	60	P 5	ARC		ETL	+2.83	UTS	ETL				520HF	KINETIC EXP +POINT
		0.51	95	P 2	TWD 12		09S	-0.74	09S	09S	WAR			520HF	SPECIAL INTEREST +P
130	28	6.38	176	P 1	DNT		LTE	+11.12	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTE	+11.12	LTE	LTE				520HF	SPECIAL INTEREST +P
130	29	7.17	177	P 1	DNT		LTE	+11.12	UTE	LTE				510UL	510 BOBBIN EXAM
130	35	0.33	104	P 1	INR		LTE	+7.15	UTE	LTE				510UL	510 BOBBIN EXAM
130	87	3.93	183	P 1	DNT		15S	+24.00	UTE	LTE				510UL	510 BOBBIN EXAM
					INF		15S	+22.88	UTE	LTE	HR			510UL	510 BOBBIN EXAM
					NDF		UTS	-22.38	UTS	UTS				520HF	SPECIAL INTEREST +P
130	90	0.20	82	P 1	NQI		09S	+0.55	UTE	LTE				510UL	510 BOBBIN EXAM
		0.40	97	P 2	TWD 10		09S	+0.64	09S	09S	WAR			520HF	SPECIAL INTEREST +P
131	10	0.69	22	P 4	PID		LTE	+0.16	LTE	LTE				520HF	LTE ROLL +POINT
		1.11	21	P 4	SVI		LTE	+0.16	LTE	LTE	36			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.16	LTE	LTE	0.12	0.14		520HF	LTE ROLL +POINT
131	11	1.48	31	P 5	VOL		ETL	+2.07	UTS	ETL	76			520HF	KINETIC EXP +POINT
			0	12	CLP		ETL	+2.07	UTS	ETL	0.16	0.11		520HF	KINETIC EXP +POINT
131	15	1.10	24	P 5	SCI		ETL	+2.43	ETL	ETL	47			520HF	KINETIC EXP +POINT
		0.60	112	P 5	ARC		ETL	+2.43	ETL	ETL				520HF	KINETIC EXP +POINT
131	24	1.95	24	P 4	PID		LTE	+0.17	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.17	LTE	LTE	0.21	0.11		520HF	LTE ROLL +POINT
		2.78	20	P 4	SVI		LTE	+0.17	LTE	LTE	33	IAR		520HF	LTE ROLL +POINT
131	34	0.39	75	P 1	INR		LTE	+14.84	UTE	LTE				510UL	510 BOBBIN EXAM
131	59	0.21	56	P 5	TWD 6		05S	-0.72	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
131	66	0.12	96	P 5	TWD 4		04S	-0.70	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
131	79	0.61	64	P 2	NQI		LTE	+16.88	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		LTS	-7.12	LTS	LTS				520HF	SPECIAL INTEREST +P
132	2	0.30	86	P 1	NQI		11S	-0.86	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		11S	-0.86	11S	11S				520HF	SPECIAL INTEREST +P
132	21	0.60	10	P 2	TWD 33		UTS	+6.69	UTE	LTE				540HF	540 BOBBIN EXAM
			0	12	CLP		ETL	-0.67	UTS	ETL	0.20	0.22		520HF	KINETIC EXP +POINT
		0.87	19	P 5	VOL		ETL	-0.67	UTS	ETL				520HF	KINETIC EXP +POINT
132	25	2.71	186	P 1	DNT		02S	+12.62	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		02S	+12.62	02S	02S				520HF	SPECIAL INTEREST +P
132	26	2.54	31	P 5	SCI		ETL	+1.63	ETL	ETL	76			520HF	KINETIC EXP +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	#TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.35	66	P 5	ARC		ETL +1.63	ETL	ETL					520HF	KINETIC EXP +POINT
132	28	2.57	174	P 1	DNT		LTE +9.91	UTE	LTE					510UL	510 BOBBIN EXAM
				2	NDF		LTE +9.91	LTE	LTE					520HF	SPECIAL INTEREST +P
132	29	2.60	173	P 1	DNT		LTE +9.85	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF		LTE +9.85	LTE	LTE					520HF	SPECIAL INTEREST +P
132	47	1.33	80	6	ADI		02S +12.27	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF		02S +12.27	02S	02S					520HF	SPECIAL INTEREST +P
132	79	1.51	19	P 4	PID		LTE +0.20	LTE	LTE					520HF	LTE ROLL +POINT
		1.35	19	P 4	SVI		LTE +0.20	LTE	LTE	30		LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE +0.20	LTE	LTE	0.16		0.18		520HF	LTE ROLL +POINT
132	83				NDF		09S -0.83	09S	09S					520HF	SPECIAL INTEREST +P
		0.12	119	P 1	NQI		09S -0.83	UTE	LTE					510UL	510 BOBBIN EXAM
133	9	0.23	112	P 1	NQI		09S -0.83	UTE	LTE					510UL	510 BOBBIN EXAM
		0.32	86	P 2	TWD 8		09S -0.76	09S	09S	WAR				520HF	SPECIAL INTEREST +P
133	11	0.48	15	2	PID		LTE +0.58	LTE	LTE					520HF	LTE ROLL +POINT
		0.54	9	2	SVI		LTE +0.58	LTE	LTE	17				520HF	LTE ROLL +POINT
			0	12	CLP		LTE +0.58	LTE	LTE	0.16		0.16		520HF	LTE ROLL +POINT
133	26	2.29	176	P 1	INR		LTE +9.31	UTE	LTE					510UL	510 BOBBIN EXAM
133	41	2.71	26	P 4	SVI		LTE +0.15	LTE	LTE	54		LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE +0.15	LTE	LTE	0.21		0.22		520HF	LTE ROLL +POINT
		1.71	23	P 4	PID		LTE +0.15	LTE	LTE					520HF	LTE ROLL +POINT
133	55	0.74	160	3	NQI		15S +42.67	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF		UTS -3.71	UTS	UTS					520HF	SPECIAL INTEREST +P
133	74	0.77	20	P 4	SVI		LTE +1.36	LTE	LTE	33		LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE +1.36	LTE	LTE	0.17		0.17		520HF	LTE ROLL +POINT
		0.66	34	P 4	PID		LTE +1.36	LTE	LTE					520HF	LTE ROLL +POINT
134	1	0.19	85	P 1	NQI		08S -0.82	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF		08S -0.82	08S	08S					520HF	SPECIAL INTEREST +P
134	53		0	12	CLP		LTE +2.19	LTE	LTE	0.22		0.13		520HF	LTE ROLL +POINT
		0.28	30	P 5	SVI		LTE +2.19	LTE	LTE	71		LAR		520HF	LTE ROLL +POINT
		0.38	29	P 5	PID		LTE +2.19	LTE	LTE					520HF	LTE ROLL +POINT
134	58	0.55	74	P 5	TWD 15		02S +0.72	UTE	LTE	WAR				510UL	510 BOBBIN EXAM
134	80	0.74	110	P 2	NQI		LTE +15.15	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF		LTS -8.85	LTS	LTS					520HF	SPECIAL INTEREST +P
135	7	0.17	105	P 1	NQI		09S -0.86	UTE	LTE					510UL	510 BOBBIN EXAM
		0.36	98	P 2	TWD 8		09S -0.73	09S	09S	WAR				520HF	SPECIAL INTEREST +P
135	10	0.44	100	3	NQI		15S +26.03	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF		UTS -20.35	UTS	UTS					520HF	SPECIAL INTEREST +P
135	14	0.15	101	P 5	TWD 4		09S -0.75	UTE	LTE	WAR				510UL	510 BOBBIN EXAM
135	65	1.30	77	6	ADI		09S +24.74	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF		10S -15.26	10S	10S					520HF	SPECIAL INTEREST +P
135	71	0.18	63	P 2	NQI		LTE +11.60	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF		LTE +11.60	LTE	LTE					520HF	SPECIAL INTEREST +P
136	71	0.26	101	P 2	NQI		LTE +9.70	LTE	UTE					510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
					NDF		LTE	LTE	LTE					520HF	SPECIAL INTEREST +P
137	1	0.22	84	P 1	NQI		12S	-0.86	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		12S	-0.86	12S	12S				520HF	SPECIAL INTEREST +P
137	6	0.93	90	6	ADI		LTS	+39.62	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		01S	-6.76	01S	01S				520HF	SPECIAL INTEREST +P
137	8	0.33	121	P 5	NQI		08S	+0.49	UTE	LTE				510UL	510 BOBBIN EXAM
		0.45	91	P 2	TWD	13	08S	+0.49	08S	08S	WAR			520HF	SPECIAL INTEREST +P
137	9	0.34	83	P 5	TWD	10	09S	-0.83	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
137	15		0	12	CLP		ETL	-0.07	UTS	ETL	0.48	0.22		520HF	KINETIC EXP +POINT
		0.57	20	P 5	VOL		ETL	-0.07	UTS	ETL				520HF	KINETIC EXP +POINT
137	38	0.66	31	3	NQI		07S	+13.82	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		07S	+13.82	07S	07S				520HF	SPECIAL INTEREST +P
137	69	0.48	88	P 5	TWD	10	08S	-0.57	LTE	UTE	WAR			510UL	510 BOBBIN EXAM
137	74	0.16	94	P 5	TWD	5	09S	-0.34	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
138	7	1.05	28	P 4	PID		LTE	+0.30	LTE	LTE				520HF	LTE ROLL +POINT
		1.78	14	P 4	SVI		LTE	+0.30	LTE	LTE	17			520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.30	LTE	LTE	0.20	0.22		520HF	LTE ROLL +POINT
136	14	0.14	109	P 5	TWD	4	09S	-0.84	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
138	44	0.41	102	P 1	INR		LTE	+14.06	LTE	UTE				510UL	510 BOBBIN EXAM
138	73	0.17	89	P 1	NQI		09S	+0.59	UTE	LTE				510UL	510 BOBBIN EXAM
		0.25	93	P 2	TWD	6	09S	+0.67	09S	09S	WAR			520HF	SPECIAL INTEREST +P
		0.14	80	P 2	TWD	6	09S	-0.78	09S	09S	WAR			520HF	SPECIAL INTEREST +P
138	74	0.15	66	P 5	TWD	5	09S	-0.86	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
139	9	0.35	116	P 5	TWD	10	09S	-0.83	UTE	LTE	WAR			510UL	510 BOBBIN EXAM
139	13	0.18	96	P 1	NQI		14S	-0.86	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		14S	-0.86	14S	14S				520HF	SPECIAL INTEREST +P
139	49	0.29	96	3	NQI		05S	+22.35	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		06S	-14.65	06S	06S				520HF	SPECIAL INTEREST +P
139	53	0.14	94	P 1	NQI		06S	-0.18	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		06S	-0.18	06S	06S				520HF	SPECIAL INTEREST +P
139	54	4.43	180	P 1	DNT		13S	+9.90	LTE	UTE				510UL	510 BOBBIN EXAM
					NDF		13S	+9.90	13S	13S				520HF	SPECIAL INTEREST +P
140	5	0.13	90	P 1	NQI		15S	-0.34	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		15S	-0.34	15S	15S				520HF	SPECIAL INTEREST +P
140	7	0.14	129	P 1	NQI		07S	+0.21	UTE	LTE				510UL	510 BOBBIN EXAM
		0.31	109	P 2	INR		LTE	+12.92	UTE	LTE				510UL	510 BOBBIN EXAM
					NDF		07S	+0.21	07S	07S				520HF	SPECIAL INTEREST +P
140	19	1.81	179	P 1	INR		LTE	+9.96	UTE	LTE				510UL	510 BOBBIN EXAM
140	20	3.40	23	P 4	PID		LTE	+0.07	LTE	LTE				520HF	LTE ROLL +POINT
			0	12	CLP		LTE	+0.07	LTE	LTE	0.17	0.13		520HF	LTE ROLL +POINT
		4.85	23	P 4	SVI		LTE	+0.07	LTE	LTE	43	LAR		520HF	LTE ROLL +POINT
140	24	0.77	27	6	INR		14S	+26.94	UTE	LTE				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
140	35						NDF 03S -10.20	03S	03S					520HF	SPECIAL INTEREST +P
		1.66	82	6			ADI 02S +28.80	UTE	LTE					510UL	510 BOBBIN EXAM
140	55	2.45	90	6			ADI 02S +30.84	LTE	UTE					510UL	510 BOBBIN EXAM
							NDF 03S -8.16	03S	03S					520HF	SPECIAL INTEREST +P
140	70	0.85	41	P 1	PID		LTE +0.17	LTE	LTE					520HF	LTE ROLL +POINT
		1.02	39	P 1	SCI		LTE +0.17	LTE	LTE		LAR			520HF	LTE ROLL +POINT
		0.35	65	P 5	ARC		LTE +0.17	LTE	LTE					520HF	LTE ROLL +POINT
141	1	0.27	53	P 5	TWD 8		06S +0.64	UTE	LTE	WAR				510UL	510 BOBBIN EXAM
141	16	1.34	92	6	INR		01S +20.32	UTE	LTE					510UL	510 BOBBIN EXAM
141	21	1.08	88	6	ADI		03S +6.67	UTE	LTE					510UL	510 BOBBIN EXAM
							NDF 03S +6.67	03S	03S					520HF	SPECIAL INTEREST +P
141	35	0.24	72	P 1	NQI		LTS -0.63	LTE	UTE					510UL	510 BOBBIN EXAM
							NDF LTS -0.63	LTS	LTS					520HF	SPECIAL INTEREST +P
141	40	4.18	182	P 1	DNT		LTE +6.74	LTE	UTE					510UL	510 BOBBIN EXAM
							NDF LTE +6.74	LTE	LTE					520HF	SPECIAL INTEREST +P
141	56	0.20	90	P 2	NQI		LTE +16.36	LTE	UTE					510UL	510 BOBBIN EXAM
							NDF LTS -7.64	LTS	LTS					520HF	SPECIAL INTEREST +P
142	1	0.49	14	P 5	PID		LTE +2.02	LTE	LTE					520HF	LTE ROLL +POINT
		0.40	10	P 5	SVI		LTE +2.02	LTE	LTE	9		LAR		520HF	LTE ROLL +POINT
			0	12	CLP		LTE +2.02	LTE	LTE	0.20		0.17		520HF	LTE ROLL +POINT
142	33	0.16	88	P 5	TWD 5		06S +0.68	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
142	45	0.20	94	P 1	NQI		09S -0.79	UTE	LTE					510UL	510 BOBBIN EXAM
		0.31	87	P 2	TWD 10		09S -0.74	09S	09S	WAR				520HF	SPECIAL INTEREST +P
143	7	0.19	90	P 1	NQI		09S -0.88	UTE	LTE					510UL	510 BOBBIN EXAM
							NDF 09S -0.88	09S	09S					520HF	SPECIAL INTEREST +P
143	13	5.03	176	P 1	DNT		LTE +10.87	UTE	LTE					510UL	510 BOBBIN EXAM
143	14	5.10	175	P 1	DNT		LTE +10.88	UTE	LTE					510UL	510 BOBBIN EXAM
							NDF LTE +10.88	LTE	LTE					520HF	SPECIAL INTEREST +P
143	44	0.24	117	P 5	TWD 7		09S -0.78	UTE	LTE	WAR				510UL	510 BOBBIN EXAM
143	57	0.16	134	P 1	NQI		15S +0.46	LTE	UTE					510UL	510 BOBBIN EXAM
							NDF 15S +0.46	15S	15S					520HF	SPECIAL INTEREST +P
144	6	0.20	102	3	NQI		12S +32.98	UTE	LTE					510UL	510 BOBBIN EXAM
							NDF 13S -4.01	13S	13S					520HF	SPECIAL INTEREST +P
144	10	4.92	178	P 1	DNT		LTE +10.92	UTE	LTE					510UL	510 BOBBIN EXAM
144	12	5.60	177	P 1	DNT		LTE +11.05	UTE	LTE					510UL	510 BOBBIN EXAM
144	38	0.13	58	3	INR		02S +23.24	LTE	UTE					510UL	510 BOBBIN EXAM
		0.24	161	P 1	INR		09S -0.20	LTE	UTE					510UL	510 BOBBIN EXAM
		1.82	187	P 1	INR		LTE +11.54	LTE	UTE					510UL	510 BOBBIN EXAM
144	39	0.24	101	P 5	NQI		09S -0.68	LTE	UTE					510UL	510 BOBBIN EXAM
		0.35	76	P 2	TWD 11		09S -0.78	09S	09S	WAR				520HF	SPECIAL INTEREST +P
144	42	0.12	98	P 5	TWD 3		09S -0.29	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
144	44	0.16	95	P 5	TWD 3		09S -0.25	LTE	UTE	WAR				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island

Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
144	49	0.53	84	P 5	TWD 14	06S	+0.49	UTE	LTE	WAR				540HF	540 BOBBIN EXAM
144	57	0.52	151	P 1	NQI	06S	-0.75	UTE	LTE					510UL	510 BOBBIN EXAM
		0.22	105	P 2	TWD 7	06S	-0.76	06S	06S	WAR				520HF	SPECIAL INTEREST +P
145	9	5.06	175	P 1	DNT	LTE	+10.96	UTE	LTE					510UL	510 BOBBIN EXAM
145	10	5.41	178	P 1	DNT	LTE	+10.84	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	LTE	+10.84	LTE	LTE					520HF	SPECIAL INTEREST +P
145	17	0.18	90	P 1	NQI	14S	-0.80	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	14S	-0.80	14S	14S					520HF	SPECIAL INTEREST +P
145	19	0.24	110	P 5	NQI	07S	-0.57	LTE	UTE					510UL	510 BOBBIN EXAM
		0.41	74	P 2	TWD 13	07S	+0.61	07S	07S	WAR				520HF	SPECIAL INTEREST +P
145	37	1.68	83	6	ADI	13S	+11.57	UTE	UTE					510UL	510 BOBBIN EXAM
					NDF	13S	+11.57	13S	13S					520HF	SPECIAL INTEREST +P
145	43	0.72	109	P 2	NQI	LTE	-11.47	LTS	LTS					520HF	SPECIAL INTEREST +P
					NDF	LTS	-11.47	LTE	LTE					510UL	510 BOBBIN EXAM
146	6	0.25	109	P 1	NQI	09S	+0.57	LTE						510UL	510 BOBBIN EXAM
		0.23	93	P 2	TWD 6	09S	+0.57	09S	WAR					520HF	SPECIAL INTEREST +P
146	20	0.19	134	P 1	NQI	14S	-0.77	UTE						510UL	510 BOBBIN EXAM
		0.19	154	P 5	TWD 3	09S	-0.77	UTE	WAR					510UL	510 BOBBIN EXAM
					NDF	14S	-0.77	14S	14S					520HF	SPECIAL INTEREST +P
146	22	0.12	143	P 5	TWD 2	09S	-0.77	UTE	WAR					510UL	510 BOBBIN EXAM
146	23	0.13	74	P 5	TWD 4	09S	-0.77	UTE	WAR					510UL	510 BOBBIN EXAM
146	25	0.16	66	P 5	NQI	09S	-0.77	UTE						510UL	510 BOBBIN EXAM
		0.16	87	P 2	TWD 5	09S	-0.77	09S	WAR					520HF	SPECIAL INTEREST +P
		0.25	84	P 2	TWD 8	09S	-0.77	09S	WAR					520HF	SPECIAL INTEREST +P
146	29	0.34	95	P 5	TWD 9	09S	-0.47	UTE	WAR					510UL	510 BOBBIN EXAM
146	33	0.18	38	P 5	NQI	09S	-0.67	UTE						510UL	510 BOBBIN EXAM
					NDF	09S	-0.67	09S	09S					520HF	SPECIAL INTEREST +P
146	34	0.66	142	P 2	INR	LTE	+10.47	UTE						510UL	510 BOBBIN EXAM
146	35	3.07	182	P 1	DNT	LTS	+9.94	LTS	LTS					510UL	510 BOBBIN EXAM
					NDF	LTS	+9.94	LTS	LTS					520HF	SPECIAL INTEREST +P
146	37	0.53	6	3	TWD 20	12S	+7.28	UTE	LTE					540HF	540 BOBBIN EXAM
		0.32	14	3	BVC	06S	+20.03	UTE	LTE					540HF	540 BOBBIN EXAM
		0.37	19	P 5	VOL	12S	+7.20	12S	12S					520HF	SPECIAL INTEREST +P
			0	12	CLP	12S	+7.20	12S	12S	0.11	0.14			520HF	SPECIAL INTEREST +P
		0.21	8	P 5	VOL	07S	-18.36	07S	07S					520HF	SPECIAL INTEREST +P
			0	12	CLP	07S	-18.36	07S	07S	0.11	0.09			520HF	SPECIAL INTEREST +P
146	41	0.17	91	P 5	TWD 4	09S	-0.72	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
147	2	0.25	62	P 5	TWD 6	11S	+0.63	UTE	LTE	WAR				510UL	510 BOBBIN EXAM
147	9	0.15	110	P 5	TWD 4	09S	-0.46	UTE	LTE	WAR				510UL	510 BOBBIN EXAM
147	18	0.10	115	P 5	TWD 2	09S	-0.75	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
147	19	0.11	151	P 5	TWD 3	10S	-0.72	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
		0.30	61	P 5	TWD 8	13S	-0.70	LTE	UTE	WAR				510UL	510 BOBBIN EXAM

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
147	20	0.45	123	P 1	NQI	12S	-0.73	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	12S	-0.73	12S	12S					520HF	SPECIAL INTEREST +P
147	21	0.18	57	P 1	NQI	09S	-0.63	LTE	UTE					510UL	510 BOBBIN EXAM
		0.27	79	P 2	TWD 8	09S	-0.71	09S	09S	WAR				520HF	SPECIAL INTEREST +P
147	23	0.22	60	P 5	TWD 6	09S	+0.74	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
147	29	0.33	90	P 5	TWD 9	09S	-0.09	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
147	37	0.27	102	P 1	NQI	10S	-0.81	UTE	LTE					510UL	510 BOBBIN EXAM
		0.22	66	P 2	TWD 7	10S	-0.72	10S	10S	WAR				520HF	SPECIAL INTEREST +P
147	46	0.42	103	P 2	NQI	LTE	+15.42	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	LTS	-8.58	LTS	LTS					520HF	SPECIAL INTEREST +P
148	7	2.81	182	P 1	DNT	01S	+11.85	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	01S	+11.85	01S	01S					520HF	SPECIAL INTEREST +P
148	15	0.19	150	P 5	TWD 3	09S	-0.70	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
148	19	0.15	93	P 1	NQI	05S	+0.75	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	05S	+0.75	05S	05S					520HF	SPECIAL INTEREST +P
148	37	1.23	52	P 5	SCI	LTE	+0.45	LTE	LTE					520HF	LTE ROLL +POINT
		0.35	66	P 5	ARC	LTE	+0.45	LTE	LTE					520HF	LTE ROLL +POINT
		0.89	52	P 5	PID	LTE	+0.45	LTE	LTE					520HF	LTE ROLL +POINT
149	12	0.17	83	P 1	NQI	09S	+0.59	LTE	UTE					510UL	510 BOBBIN EXAM
		0.13	61	P 5	TWD 2	09S	-0.77	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
		0.25	80	P 2	TWD 8	09S	-0.74	09S	09S	WAR				520HF	SPECIAL INTEREST +P
		0.30	88	P 2	TWD 9	09S	+0.57	09S	09S	WAR				520HF	SPECIAL INTEREST +P
149	17	0.18	93	P 5	NQI	08S	+0.70	LTE	UTE					510UL	510 BOBBIN EXAM
		0.41	86	P 2	TWD 12	08S	+0.74	08S	08S	WAR				520HF	SPECIAL INTEREST +P
149	18	0.22	40	P 5	ARC	LTE	+0.17	LTE	LTE					520HF	LTE ROLL +POINT
		0.82	28	P 5	SCI	LTE	+0.17	LTE	LTE					520HF	LTE ROLL +POINT
		1.13	40	P 5	PID	LTE	+0.17	LTE	LTE					520HF	LTE ROLL +POINT
149	20	0.14	129	P 5	TWD 2	09S	-0.73	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
149	22	0.22	104	3	NQI	09S	+29.67	LTE	UTE					510UL	510 BOBBIN EXAM
					NDF	10S	-10.33	10S	10S					520HF	SPECIAL INTEREST +P
149	31	1.65	82	6	ADI	02S	+24.46	UTE	LTE					510UL	510 BOBBIN EXAM
					NDF	03S	-14.54	03S	03S					520HF	SPECIAL INTEREST +P
149	32	0.21	126	P 5	TWD 5	10S	+0.81	LTE	UTE	WAR				510UL	510 BOBBIN EXAM
150	24	0.57	11	P 5	VOL	15S	+5.52	15S	15S					520HF	SPECIAL INTEREST +P
			0	12	CLP	15S	+5.52	15S	15S	0.17	0.13			520HF	SPECIAL INTEREST +P
		0.40	6	3	TWD 20	15S	+5.16	UTE	LTE					540HF	540 BOBBIN EXAM
150	25		0	12	CLP	LTE	+0.19	LTE	LTE	0.16	0.23			520HF	LTE ROLL +POINT
		2.08	20	P 5	SVI	LTE	+0.19	LTE	LTE	30	LAR			520HF	LTE ROLL +POINT
		0.26	100	P 2	TWD 8	08S	+0.72	08S	08S	WAR				520HF	SPECIAL INTEREST +P
		0.37	20	P 5	VOL	08S	-5.75	08S	08S					520HF	SPECIAL INTEREST +P
			0	12	CLP	08S	-5.75	08S	08S	0.17	0.13			520HF	SPECIAL INTEREST +P
		0.36	13	P 5	VOL	08S	+1.60	08S	08S					520HF	SPECIAL INTEREST +P
			0	12	CLP	08S	+1.60	08S	08S	0.17	0.13			520HF	SPECIAL INTEREST +P
		0.40	5	3	TWD 17	15S	+19.46	UTE	LTE					540HF	540 BOBBIN EXAM
		0.38	9	3	BVC	08S	+1.43	UTE	LTE					540HF	540 BOBBIN EXAM
		0.33	10	3	BVC	07S	+34.16	UTE	LTE					540HF	540 BOBBIN EXAM
		0.25	18	3	BVC	07S	+15.93	UTE	LTE					540HF	540 BOBBIN EXAM
		2.34	12	P 5	PID	LTE	+0.19	LTE	LTE					520HF	LTE ROLL +POINT

Recordable Indications

Component: TMI-OTSG-B
Site: Three Mile Island
Outage: 1R15

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	PROBE	SCOPE
		0.17	11	P	5	VOL	15S	+19.50	15S	15S				520HF	SPECIAL INTEREST +P
			0	12	CLP		15S	+19.50	15S	15S	0.17	0.14		520HF	SPECIAL INTEREST +P
		0.27	17	P	5	VOL	07S	+15.66	07S	07S				520HF	SPECIAL INTEREST +P
			0	12	CLP		07S	+15.66	07S	07S	0.17	0.09		520HF	SPECIAL INTEREST +P
150	27	3.05	174	P	1	DNT	LTE	+10.13	LTE	UTE				510UL	510 BOBBIN EXAM
						NDF	LTE	+10.13	LTE	LTE				520HF	SPECIAL INTEREST +P
151	1	0.19	119	P	5	TWD	6	11S	-0.77	LTE	UTE	WAR		510UL	510 BOBBIN EXAM
		0.68	22	P	5	VOL		ETL	+0.80	ETL	ETL	40		520HF	KINETIC EXP +POINT
			0	12	CLP			ETL	+0.80	ETL	ETL	0.17	0.09	520HF	KINETIC EXP +POINT
151	2	0.17	133	P	5	TWD	3	09S	+0.72	LTE	UTE	WAR		510UL	510 BOBBIN EXAM
151	4	1.04	21	P	5	VOL		ETL	+0.02	ETL	ETL	43		520HF	KINETIC EXP +POINT
			0	12	CLP			ETL	+0.02	ETL	ETL	0.17	0.14	520HF	KINETIC EXP +POINT
151	5	0.11	82	P	5	TWD	3	12S	-0.02	LTE	UTE	WAR		510UL	510 BOBBIN EXAM
151	6	0.25	134	P	2	NQI		15S	-0.04	UTE	LTE			510UL	510 BOBBIN EXAM
						NDF		15S	-0.04	15S	15S			520HF	SPECIAL INTEREST +P
151	11	0.13	100	P	2	INR		LTE	+2.71	LTE	UTE			510UL	510 BOBBIN EXAM
151	14		0	12	CLP			LTE	+0.31	LTE	LTE	0.38	0.31	520HF	LTE ROLL +POINT
		1.67	26	P	5	SVI		LTE	+0.31	LTE	LTE	54		520HF	LTE ROLL +POINT
		1.77	29	P	5	PID		LTE	+0.31	LTE	LTE			520HF	LTE ROLL +POINT

Total Tubes : 2382
Total Records: 4018

ENCLOSURE 1

NIS-1 TABLE 1

ABSTRACT OF ISI PRESSURE BOUNDARY AND COMPONENT
SUPPORT
EXAMINATIONS (EXCLUDING OTSG EDDY CURRENT)
TERMS AND DEFINITIONS

NIS-1 TABLE 1

ABSTRACT OF ISI PRESSURE BOUNDARY AND COMPONENT SUPPORT EXAMINATIONS (EXCLUDING OTSG EDDY CURRENT) TERMS AND DEFINITIONS

1. Explanation of Columnar Information
 - A. ASME Item No. – Provides the assigned item number per ASME Section XI.
 - B. ASME Cat. – Provides the assigned category number per ASME Section XI.
 - C. Identification – Provides a unique identification for every component/subcomponent in the schedule. Tag number, suffix (when used), and code are all used to make up a unique identification for all components.
 1. Tag Number – This provides the highest level of identification for components.
 2. Suffix – Major components such as a steam generator have to be broken down to a subcomponent level in order to identify such things as specific welds. Suffix provides this further breakdown if necessary.
 3. Code – Provides the mechanical component.

Several examples of identification are set out below:

<u>Tag Number</u> RC-T-0002 (Reactor Vessel ID)	<u>Suffix</u> RV-0012 (Specific weld number)	<u>Code</u> Weld (code for welds)
<u>Tag Number</u> RC-P-0001A (Reactor Coolant Pump 1)	<u>Suffix</u> 001MFM (Main Flange bolt 1)	<u>Code</u> BLTN (code for bolts)
<u>Tag Number</u> RC-0001 (Nozzle-to-pipe weld identification)	<u>Suffix</u> (not used for items which are not part of a major component)	<u>Code</u> Weld (code for welds)

- D. Syst – Provides an abbreviation for the system in which the component is located. See the listing below.

<u>Abbreviation</u>	<u>System</u>
BS	Reactor Building Spray
CF	Core Flood
CO	Condensate
DC	Decay Heat Closed Cooling
DH	Decay Heat Removal
EF	Emergency Feedwater
FW	Main Feedwater
HP	Hydrogen Purge
MS	Main Steam
MU	Make-Up and Purification
NS	Nuclear Services Closed Cooling
RC	Reactor Coolant
RR	Reactor Building Emergency Cooling
RW	River Water

- E. NDE Meth – Lists the examination method applicable to each examination number. See the listing below.

<u>Abbreviation</u>	<u>Examination Method</u>
VIS	Visual Examination
MT	Magnetic Particle Examination
PT	Dye Penetrant Examination
RT	Radiographic Examination
UT	Ultrasonic Examination
SUR	Surface Exam

- F. Exam Date/Reason – Provides the examination completion date and the reason the component was examined.

<u>Abbreviation</u>	<u>Reason for Performance of the Examination</u>
PSI	The examination was a preservice examination required by ASME Section XI IWB-2200, IWC2200, IWD-2200, or IWF-2200.
ISI	The examination was performed as part of the normal inspection schedule required by ASME Section XI IWB-240, IWC-2400, IWD-2400 or IWF-2400.
SU	The examination was a successive inspection required per ASME Section XI IWB-2420, IWC-2420, IWD-2420, or IWF-2420.

- G. INSPECTION COMMENTS – This is a field where applicable remarks may be entered if necessary.

Three Mile Island ISI Component Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Sel.	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Percent Coverage	Actual Exam	Results	Report Number	Date	Inspection Comments
RCH0001ASG0001WELD Head To Tubesheet Weld			B-B B2.40	UT AUG XI		UT	94.5	UT	Acceptable	C200489005-1A	11/8/03	No change in previously accepted/observed indications.
RCH0001ASG0003NWELD Nozzle To Head Weld			B-D B3.130	UT AUG XI		UT	69.5	UT	HOLD	C200443403-1D	11/1/03	This is a limited exam below the Code required full coverage. A relief request for this weld is required by the end of the 3rd interval.
RCH0001ASG0004NWELD			B-D B3.130	UT AUG XI		UT	69.5	UT	HOLD	C200443403-2D	11/1/03	This is consider to be a limited exam and does not meet the Code requirement for full coverage. A relief request is required prior to the end of the 3rd interval.
RCH0001ASG0003NI Nozzle To Head Inner Radius			B-D B3.140	UT	XI	UT	100	UT	Acceptable	C200443403-1A	10/31/03	No recordable indications.
RCH0001ASG0004NI			B-D B3.140	UT	XI	UT	100	UT	Acceptable	C2004443403-2A	10/31/03	No recordable indications.
RCT0002PR0009BMWELD Safe End To Nozzle Weld			B-F B5.40	UT	AD	PT	100	PT	Acceptable	C200654803	11/1/03	No recordable indications, PT and UT. Axial scans for circumferential flaws were limited on nozzle side due to nozzle OD geometry. ASME Code coverage is >90%; acceptable per Code Case N-460. Examinations are ASME Section XI, IWB-2430 Additional Examinations, due to flaw indication in dissimilar metal weld SR0010BM. Reference A/R No. A2073834 and CR No. 182877.
						UT	98	UT	Acceptable	C200654803	11/1/03	
RCT0002PR0021BMWELD Nozzle To Safe End Weld			B-F B5.40	UT	AD	PT	100	PT	Acceptable	C200653305	11/1/03	No recordable indications, PT and UT. Examinations are ASME Section XI, IWB-2430 Additional Examinations, due to flaw indication in dissimilar metal weld SR0010BM. Reference A/R No. A2073834 and CR No. 182877.
						UT	100	UT	Acceptable	C2006533-6	11/1/03	
CF0011WELD Tee To Elbow @ Sec Shld Weld			B-J B9.11	UT	XI	PT	100	PT	Acceptable	C200661901	11/12/03	This weld replaced weld No. DH0011WELD which the UT coverage did not meet the Code required. No recordable indications on PT exam. No recordable indications on UT exam.
						UT	100	UT	Acceptable	C200661902	11/12/03	

Three Mile Island ISI Component Inspection Listing Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Sel.	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Percent Coverage	Actual Exam	Results	Report Number	Date	Inspection Comments
DH0001BMWELD			B-J B9.11	UT	XI	PT		PT	Acceptable	C200506003	10/23/03	No recordable indications, PT. One circumferential reflector indicative of an embedded construction flaw (acceptable to ASME Section XI) was record at the butter/weld metallurgical interface, automated UT. Indication is intermittent between 36 deg and 61 deg (cw looking with flow); located in the upper 1/3rd of the weld volume; not ID connected and; exhibits no tip signals. * Axial scans for circumferential flaws were limited on nozzle side.
Branch Safe End Weld						UT		UT	Indication	A3297,98,99	10/26/03	
DH0005WELD			B-J B9.11	UT	XI	PT	100	PT	Acceptable	C200505903-1	10/31/03	No recordable indications, PT and UT.
Pipe To Elbow Weld						UT	100	UT	Acceptable	C200505904-1	10/31/03	
DH0006WELD			B-J B9.11	UT	XI	PT	100	PT	Acceptable	C200505903-2	10/31/03	No recordable indications, PT and UT.
Elbow To Pipe Weld						UT	100	UT	Acceptable	C200505904-2	10/31/03	
DH0012WELD			B-J B9.11	UT	XI	PT	100	PT	Acceptable	C200505703-2	10/27/03	No recordable indications, PT and UT.
						UT	100	UT	Acceptable	C200505704-2	10/30/03	
DH0013WELD			B-J B9.11	UT	XI	PT	100	PT	Acceptable	C200505703-3	10/27/03	No recordable indications, PT and UT.
Pipe To Elbow Weld						UT	100	UT	Acceptable	C200505704-3	10/28/03	
DH0014WELD			B-J B9.11	UT	XI	PT	100	PT	Acceptable	C200505703-4	10/27/03	No recordable indications, PT and UT.
Elbow To Pipe Weld						UT	100	UT	Acceptable	C200505704-4	10/28/03	

Three Mile Island ISI Component Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Sel.	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Percent Coverage	Actual Exam	Results	Report Number	Date	Inspection Comments
SR0010BMWELD Nozzle To Pipe Weld			B-J B9.11	UT	XI	PT	100	PT	Accept able	C200505004	10/23/03	No recordable indications, PT. One axial reflector indicative of PWSCC (rejectable), and one circumferential indication at metallurgical interface (acceptable), manual UT. Axial indication confirmed and sized by automated UT. * Axial scans for circumferential flaws were limited on nozzle side. See A/R A2073834 and CR No. 182877. Weld overlay repair performed T1R15 per ECR TM 03-00881. PT and UT of weld overlay repair are baseline examinations. Coverage per NRC approved alternative, Relief Request No. RR-22.
						UT	97	UT	Indicati on	C200505005	10/28/03	
						UT	*	UT	Indicati on	A3306/A3307	11/3/03	
SR0010BMWELD			B-J B9.11	UT	PSI	PT	100	PT	Accept able	GE-PT-001	11/20/03	This is the PSI of repaired weld overlay. PT overlay included overlay surface plus 2" on each side. No recordable indications. Exam limited as permitted by Relief Request approved by NRC to perform repair including final examination.
						UT	80.8	UT	Accept able	GE-TR15-001	11/23/03	
MU0091WELD Pipe To Valve Weld			B-J B9.21	PT	XI	PT	100	PT	Accept able	R201192507-3	10/29/03	No recordable indications.
MU0131WELD			B-J B9.21	PT	XI	PT	100	PT	Accept able	C200486304-1	10/30/03	No recordable indications.
MU0907BMWELD Valve To Safe End Weld			B-J B9.21	PT AUG	XI	PT	100	PT	Accept able	R201192507-1	10/29/03	No recordable indications.
MU0908BMWELD Safe End To Nozzle Weld			B-J B9.21	PT AUG	XI	PT	100	PT	Accept able	R201192507-2	10/29/03	No recordable indications.
MU0952BMWELD Valve To Safe End Weld			B-J B9.21	UT AUG	XI	PT	100	PT	Accept able	C200486304-2	10/30/03	UT is AUG Exam for HPI thermal sleeve tightness. No recordable indications, PT.
MU0953BMWELD Safe End To Nozzle Weld			B-J B9.21	UT AUG	XI	PT	100	PT	Accept able	C200486304-3	10/30/03	UT is AUG exam of HPI nozzle thermal sleeve. No recordable indications, PT.
RC0189WELD Elbow To Pipe Weld			B-J B9.21	PT	XI	PT	100	PT	Accept able	C200491003-5	10/31/03	No recordable indications.

Three Mile Island ISI Component Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Sel.	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Percent Coverage	Actual Exam	Results	Report Number	Date	Inspection Comments
RC0190WELD Pipe To Valve Weld			B-J B9.21	PT	XI	PT	100	PT	Accept able	C200491003-6	10/31/03	No recordable indications.
RC0191WELD Valve To Pipe Weld			B-J B9.21	PT	XI	PT	100	PT	Accept able	C200491003-7	10/31/03	No recordable indications.
RC0192WELD Pipe To Tee Weld			B-J B9.21	PT	XI	PT	100	PT	Accept able	C200491003-8	10/31/03	No recordable indications.
RC0206WELD Elbow To Pipe Weld			B-J B9.21	PT AUG	XI	PT	100	PT	Accept able	C200496903-1	10/31/03	No recordable indications.
RC0207WELD Pipe To Elbow Weld			B-J B9.21	PT	XI	PT	100	PT	Accept able	C200496803-2	10/31/03	No recordable indications.
RC0208WELD Elbow To Pipe Weld			B-J B9.21	PT	XI	PT	100	PT	Accept able	C200496903-3	10/31/03	No recordable indications.
RC0209WELD Pipe To Elbow Weld			B-J B9.21	PT	XI	PT	100	PT	Accept able	C200496903-4	11/9/03	No recordable indications.
RC0252BMWELD Nozzle To Safe End Weld			B-J B9.21	PT	XI	PT	100	PT	Accept able	C200491003-1	10/31/03	No recordable indications.
RC0288BMWELD Safe End To Elbow Weld			B-J B9.21	PT AUG	XI	PT	100	PT	Accept able	C200491003-2	10/31/03	No recordable indications.
RC0289WELD Elbow To Pipe Weld			B-J B9.21	PT AUG	XI	PT	100	PT	Accept able	C200491003-3	10/31/03	No recordable indications.
RC0290WELD Pipe To Pipe Weld			B-J B9.21	PT AUG	XI	PT	100	PT	Accept able	C200491003-4	10/31/03	No recordable indications.
RC0108BWELD Nozzle Branch Weld			B-J B9.32	MT	XI	MT	100	MT	Accept able	C200502003	11/1/03	No recordable indications.
MU0778SWELD Pipe To Elbow Weld			B-J B9.40	PT	XI	PT	100	PT	Accept able	C200490103-1	10/31/03	No recordable indications.

Three Mile Island ISI Component Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Sel.	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Percent Coverage	Actual Exam	Results	Report Number	Date	Inspection Comments
MU0779SWELD Elbow To Pipe Weld			B-J B9.40	PT	XI	PT	100	PT	Accept able	C200490103-2	10/31/03	No recordable indications.
MU0780SWELD Pipe To Coupling Weld			B-J B9.40	PT	XI	PT	100	PT	Accept able	C200490103-3	10/31/03	No recordable indications.
MU0781SWELD Coupling To Pipe Weld			B-J B9.40	PT	XI	PT	100	PT	Accept able	C200490103-4	10/31/03	No recordable indications.
MU0782SWELD Pipe To Elbow Weld			B-J B9.40	PT	XI	PT	100	PT	Accept able	C200490103-5	10/30/03	No recordable indications.
MU0783SWELD Elbow To Pipe Weld			B-J B9.40	PT	XI	PT	100	PT	Accept able	C200490103-6	10/30/03	No recordable indications.
MU0784SWELD Pipe To Elbow Weld			B-J B9.40	PT	XI	PT	100	PT	Accept able	C200490103-7	10/30/03	No recordable indications.
MU0789SWELD Elbow To Pipe Weld			B-J B9.40	PT	XI	PT	100	PT	Accept able	C200490103-8	10/30/03	No recordable indications.
MU0790SWELD Pipe To Elbow Weld			B-J B9.40	PT	XI	PT	100	PT	Accept able	C200490103-9	10/30/03	No recordable indications.
MU0791SWELD Elbow To Pipe Weld			B-J B9.40	PT	XI	PT	100	PT	Accept able	C200490103-10	10/30/03	No recordable indications.
MU0792SWELD Pipe To Tee Weld			B-J B9.40	PT	XI	PT	100	PT	Accept able	C200490103-11	10/31/03	No recordable indications.
MU0793SWELD Tee To Reducer Weld			B-J B9.40	PT	XI	PT	100	PT	Accept able	C200490103-12	10/31/03	No recordable indications.
MU0794SWELD Reducer To Pipe Weld			B-J B9.40	PT	XI	PT	100	PT	Accept able	C200490103-13	10/31/03	No recordable indications.
MU0795SWELD Tee To Pipe Weld			B-J B9.40	PT	XI	PT	100	PT	Accept able	C200490103-14	10/31/03	No recordable indications.

Three Mile Island ISI Component Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Sel.	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Percent Coverage	Actual Exam	Results	Report Number	Date	Inspection Comments
DH0499WAWELD Integral Attachment Weld			B-K B10.10	PT	XI	PT	100	PT	Acceptable	C200506203-01	10/29/03	No recordable indications.
RCT0002PR0022WAWELD			B-K B10.10	MT	XI	MT	90.79	MT	Acceptable	C200448403-1	11/3/03	No recordable indications. Coverage represents 100% of accessible surface area due to permanent obstruction. Examination no longer classified as "Limited" per 1995 Ed/1996 Add. ASME Section XI, Fig. IWB-2500-15, Note.
RCT0002PR0023WAWELD			B-K B10.10	MT	XI	MT	90.78	PT	Acceptable	C200448403-2	11/3/03	No recordable indications. Coverage represents 100% of accessible surface area due to permanent obstruction. Examination no longer classified as "Limited" per 1995 Ed/1996 Add. ASME Section XI, Fig. IWB-2500-15, Note.
DH0500WAWELD			B-K B10.20	PT	XI	PT	100	PT	Acceptable	C200506203-2	10/29/03	No recordable indications.
DH0501WAWELD			B-K B10.20	PT	XI	PT	100	PT	Acceptable	C200506203-3	10/29/03	No recordable indications.
DH0502WAWELD			B-K B10.20	PT	XI	PT	100	PT	Acceptable	C200506203-4	10/29/03	No recordable indications.
DH0503WAWELD			B-K B10.20	PT	XI	PT	100	PT	Acceptable	C200506203-5	10/29/03	No recordable indications.
RCP0001BRC0279WAWELD			B-K B10.20	PT	XI	PT	80.3	PT	Acceptable	C200499804	11/4/03	No recordable indications. Coverage represents 100% of accessible surface area due to permanent obstruction. Examination no longer classified as "Limited" per 1995 Ed/1996 Add. ASME Section XI, Fig. IWB-2500-15, Note.
RCT0001INTER Reactor Vessel Interior			B-N-1 B13.10	VIS	XI	VT-3	100	VT-3	Acceptable	C2005300	11/11/03	
RDU0010RH0008AWELD RxVessel Nozzle to Flange Weld New Head			B-O B14.10	PT	PSI	SUR	100	PT	Acceptable	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.

Three Mile Island ISI Component Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Sel.	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Percent Coverage	Actual Exam	Results	Report Number	Date	Inspection Comments
RDU0010RH0014AWELD New RxVessel Nozzle to Flange Weld			B-O B14.10		PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0017AWELD RxVessel Nozzle to Flange Weld New Head			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0020AWELD			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0026AWELD			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0029AWELD			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0041AWELD New RxVessel Nozzle to Flange Weld			B-O B14.10		PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0044AWELD RxVessel Nozzle to Flange Weld New Head			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0047AWELD New RxVessel Nozzle to Flange Weld			B-O B14.10		PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0053AWELD RxVessel Nozzle to Flange Weld New Head			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0065AWELD			B-O B14.10	PT	PSI	PT	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0074AWELD			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0092AWELD			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0095AWELD			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.

Three Mile Island ISI Component Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Sel.	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Percent Coverage	Actual Exam	Results	Report Number	Date	Inspection Comments
RDU0010RH0107AWELD RxVessel Nozzle to Flange Weld New Head			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0119AWELD			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0128AWELD			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0137AWELD			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0140AWELD			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0149AWELD			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0152AWELD			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0155AWELD			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0164AWELD			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RDU0010RH0182AWELD			B-O B14.10	PT	PSI	SUR	100	PT	Accept able	2003-020-001	8/4/03	This weld is a PSI of the new Rx Vessel Head peripheral CRD nozzle to flange.
RCH0001ASG0019WELD Shell To Shell Circ Weld			C-A C1.10	UT AUG	XI	UT	100	UT	Accept able	C200443505-1to610/28/03		No recordable indications, UT.
RCH0001BSG0023WELD Tubesheet To Shell Circ Weld			C-A C1.30	UT AUG	XI	UT	91.19	UT	Accept able	C200489305-1A	11/9/03	No change in previously observed indication.

Three Mile Island ISI Component Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Sel.	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Percent Coverage	Actual Exam	Results	Report Number	Date	Inspection Comments
RCH0001ASG0022NWELD Shell To Nozzle Weld			C-B C2.21	UT	XI	UT	100	UT	Accept able	C200489505-1C	10/30/03	No recordable indications, MT. No recordable indications, UT.
						MT	100	MT	Accept able	C200489504	10/27/03	
RCH0001ASG0022NIWELD Shell to nozzle inside radius			C-B C2.22	UT	XI	UT	100	UT	Accept able	C200489505-1A	10/30/03	No recordable indications.
DHC0001ADH0395BWELD Nozzle To Vessel Weld			C-B C2.31 C2.32	PT	XI	PT	100	PT	Accept able	C200508901	10/15/03	C-B, C2.32 requires a VOL be performed, however, Relief Request No. RR-00-04 provides an alternative to VOL (UT) on the inside of the vessel to nozzle connection. The alternative allows for a PT exam when the vessel is disassembled for maintenance. Pt was performed on O.D. of DH Cooler nozzle to vessel. No access to I.D. of DH Cooler at time of examination. No recordable indications.
DH0154WAWELD Integral Attachment Weld			C-C C3.20	PT	XI	PT	98.7	PT	Accept able	C20050870-1	10/8/03	No recordable indications.
DH0155WAWELD			C-C C3.20	PT	XI	PT	100	PT	Accept able	C200508701-2	10/8/03	No recordable indications.
DH0204WAWELD			C-C C3.20	PT	XI	PT	100	PT	Accept able	C200508802	10/8/03	No recordable indications.
DH0486WAWELD			C-C C3.20	PT	XI	PT	100	PT	Accept able	C200508503	11/4/03	No recordable indications.
FW0122WAWELD			C-C C3.20	MT	XI	MT	100	MT	Accept able	C200503404-1	11/6/03	No recordable indications.
FW0123WAWELD			C-C C3.20	MT	XI	MT	100	MT	Accept able	C200503404-2	11/6/03	No recordable indications.
FW0124WAWELD			C-C C3.20	MT	XI	MT	100	MT	Accept able	C200503404-3	11/6/03	No recordable indications.

Three Mile Island ISI Component Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Sel.	Section XI Cat.	Item	Exams XI AG	Inspection Reason	Required Exam	Percent Coverage	Actual Exam	Results	Report Number	Date	Inspection Comments
FW0125WAWELD Integral Attachment Weld			C-C	C3.20	MT	XI	MT	100	MT	Acceptable	C200503404-4	11/6/03	No recordable indications.
FW0190WAWELD			C-C	C3.20	MT	XI	MT	100	MT	Acceptable	C200503204-1	11/3/03	No recordable indications.
FW0191WAWELD			C-C	C3.20	MT	XI	MT	100	MT	Acceptable	C200503204-2	11/3/03	No recordable indications.
FW0192WAWELD			C-C	C3.20	MT	XI	MT	100	MT	Acceptable	C200503204-3	11/3/03	No recordable indications.
FW0193WAWELD			C-C	C3.20	MT	XI	MT	100	MT	Acceptable	C200503204-4	11/3/03	No recordable indications.
FW0194WAWELD			C-C	C3.20	MT	XI	MT	100	MT	Acceptable	C200502304-1	11/1/03	No recordable indications.
FW0195WAWELD			C-C	C3.20	MT	XI	MT	100	MT	Acceptable	C200502304-2	11/1/03	No recordable indications.
FW0196WAWELD			C-C	C3.20	MT	XI	MT	100	MT	Acceptable	C200502304-3	11/1/03	No recordable indications.
FW0197WAWELD			C-C	C3.20	MT	XI	MT	100	MT	Acceptable	C200502304-4	11/1/03	No recordable indications.
RR0086WAWELD			C-C	C3.20	MT	XI	MT	100	MT	Acceptable	C200508303	10/10/03	No recordable indications.
RR0087WAWELD			C-C	C3.20	MT	XI	MT	100	MT	Acceptable	C200508103	11/1/03	No recordable indications.
RR0092WAWELD			C-C	C3.20	MT	XI	MT	100	MT	Acceptable	C200508403	10/10/03	No recordable indications.

Three Mile Island ISI Component Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Sel.	Section XI Cat.	Item	Exams XI AG	Inspection Reason	Required Exam	Percent Coverage	Actual Exam	Results	Report Number	Date	Inspection Comments
MU1056WELD			C-F-1	C5.21	UT	XI	UT	100	UT	Acceptable	C200499503-1A	10/8/03	No recordable indications, UT. No recordable indications, PT.
Elbow To Pipe Weld							PT	100	PT	Acceptable	C200499502-1	10/7/03	
MU1057WELD			C-F-1	C5.21	UT	XI XI	PT	100	PT	Acceptable	C200499502-2	10/7/03	No recordable indication, UT. No recordable indication, PT.
							UT	100	UT	Acceptable	C200499503-2A	10/8/03	
MU1143SWELD			C-F-1	C5.30	PT	XI	PT	100	PT	Acceptable	C200499602	10/7/03	No recordable indications
Pipe To Valve Weld													
MU1304SWELD			C-F-1	C5.30	PT	XI	PT	100	PT	Acceptable	2003-025-015	9/30/03	
Pipe To Elbow Weld													
MU1305SWELD			C-F-1	C5.30	PT	XI	PT	100	PT	Acceptable	2003-025-015	9/30/03	
Elbow To Pipe Weld													
MU1379SWELD			C-F-1	C5.30	PT	XI	PT	100	PT	Acceptable	2003-025-015	9/30/03	
Pipe To Valve Weld													
MU1380SWELD			C-F-1	C5.30	PT	XI	PT	100	PT	Acceptable	2003-025-015	9/30/03	
Valve To Pipe Weld													
EF0024WELD			C-F-2	C5.51	UT	XI	MT	100	MT	Acceptable	C200501403-1	10/29/03	No recordable indications, MT and UT.
Elbow To Pipe Weld							UT	100	UT	Acceptable	C200501404-1	11/1/03	
EF0027WELD			C-F-2	C5.51	UT	XI	MT	100	MT	Acceptable	C200501403-2	10/29/03	No recordable indications, MT and UT.
							UT	100	UT	Acceptable	C200501404-2	11/1/03	
MS0001WELD			C-F-2	C5.51	UT AUG	XI	MT	100	MT	Acceptable	C200500304	10/23/03	No recordable indications, MT and UT. Single sided UT due to pipe configuration.
Penetration To Pipe Weld							UT	100	UT	Acceptable	C200500305	10/23/03	
MS0002WELD			C-F-2	C5.51	UT AUG	XI	MT	100	MT	Acceptable	C200500404-2	10/24/03	No recordable indications MT and UT .
Elbow To Elbow Weld							UT	100	UT	Acceptable	C200500405-2	10/25/03	

Three Mile Island ISI Component Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Sel.	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Percent Coverage	Actual Exam	Results	Report Number	Date	Inspection Comments
MS0003WELD Penetration To Elbow Weld			C-F-2 C5.51	UT AUG XI AUG		MT	100	MT	Accept able	C200500404-1	10/24/03	No recordable indications, MT and UT. Alternate UT beam angle used (60S) to increase examination coverage.
						UT	98.05	UT	Accept able	C200500405-1	10/25/03	
MS0004LWELD Elbow Long Seam Weld			C-F-2 C5.51	UT AUG AUG AUG		UT	100	UT	Accept able	C200500405-3	10/25/03	No recordable indications, MT and UT.
						MT	100	MT	Accept able	C200500404-3	10/24/03	
RR0030WELD Elbow To Pipe Weld			C-F-2 C5.51	VOL XI		MT	100	MT	Accept able	C200662201	11/14/03	This weld was selected to replace weld No. EF0028WELD, which the UT exam performed on this weld could not meet the Code required examination coverage. MT examinations with no recordable indications. UT examination with no recordable indications.
						UT	100	UT	Accept able	C20066220202	11/14/03	
RR0060SWELD Flange To Pipe Weld			C-F-2 C5.70	MT XI		MT	100	MT	Accept able	2003-025-016	10/1/03	
MS0165BWELD Weld-O-Let Branch Weld			C-F-2 C5.81	MT XI		MT	100	MT	Accept able	C200501204	10/23/03	No recordable indications.
DCH0023WAWELD Integral Attachment Weld			D-A D1.20	VIS XI		VIS	100	VT-1	Accept able	2003-025-013	9/29/03	
EF0060WAWELD			D-A D1.20	VIS XI		Visual	100	VT-1	Accept able	C200647301	10/18/03	This weld was added to the 1R15 outage schedule to replace weld No. NSE0276WAWELD. Weld No. NSE0276WAWELD is no longer in service, there is now a clamp on attachment for the NSE0276SUPPORT.
EF0097WAWELD			D-A D1.20	VIS XI		VIS	100	VT-1	Accept able	C200512002	10/25/03	No recordable indications.
NSH0148WAWELD			D-A D1.20	VIS XI		VIS	100	VT-1	Accept able	C200525702-2	10/14/03	No recordable indications.
RWH0022WAWELD			D-A D1.20	VIS XI		VIS	100	VT-1	Accept able	C200529802-2	10/6/03	No recordable indications.

TMI ISI Component Support Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number Insulation	Type	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Perc. Cvrg.	Actual Exam	Results	Report Number	Date	Inspection Comments
BS0019SUPPORT N Rb Spray Bs-P-1a Vault Hydraulic Snubber		SN	F-A F1.20	VIS	PSI	VT-3	10	VT-3	Acceptable	R1802020	10/20/03	This is a preservice examination.
BS0022SUPPORT Rb Spray Out Sec Shld Sw Hydraulic Snubber		SN	F-A F1.20		PSI	VT-3		VT-3	Acceptable	R1802022	10/24/03	This is a preservice examination.
CF0016ASUPPORT Core Flood In D-Ring B Hydraulic Snubber		SN	F-A F1.10		PSI	VT-3		VT-3	Acceptable	R1802036	10/26/03	This is a preservice examination.
DCC0002ASUPPORT N Dhcc Dc-C-2a Area 111 Anchor		AN	F-A F1.40	VIS	XI	VIS	100	VT-3	Acceptable	2003-025-008	9/26/03	
DCH0023SUPPORT N Dhcc Rb Purge Area Ubolt		UB	F-A F1.30	VIS	XI	VIS	100	VT-3	Acceptable	2003-025-012	9/29/03	
DH0002SUPPORT N Dh B D-Ring Area Variable Support		VA	F-A F1.10	VIS	XI	VIS	100	VT-3	Acceptable	C200505905	11/1/03	No recordable indications.
DH0005SUPPORT Dh In Sec Shld Sw EI304 Hydraulic Snubber		SN	F-A F1.10	VIS	PSI	VT-3		VT-3	Acceptable	R1802038	11/5/03	This is a preservice examination.
DH0011SUPPORT Dh Out Sec Shld Sw EI297 Hydraulic Snubber		SN	F-A F1.20	VIS	XI	VIS	100	VT-3	Acceptable	C200509302	10/25/03	No recordable indications.

TMI ISI Component Support Inspection Listing Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number Insulation	Type	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Perc. Cvrg.	Actual Exam	Results	Report Number	Date	Inspection Comments
DH0030SUPPORT Reactor Coolant N Guide		GU	F-A F1.10	VIS	XI	VIS	100	VT-3	Accept able	C200509601	10/24/03	No recordable indications.
DH0032SUPPORT Rcs Out Sec Shld Ne EI353hydraulic Snubber		SN	F-A F1.10	VIS	PSI	VT-3		VT-3	Accept able	R1802040	10/31/03	This is a preservice examination.
DH0034SUPPORT Dh In Sec Shld Sw EI305 Hydraulic Snubber		SN	F-A F1.40	VIS	PSI	VT-3		VT-2	Accept able	R1802041-01	3/1/1107	This is a preservice examination.
DHH0203SUPPORT Dh N Guide		GU	F-A F1.20	VIS	XI	VIS	100	VT-3	Accept able	2003-025-011	9/26/03	
DRP0001ASUPPORT Dr-P-1a N Anchor		AN	F-A F1.40	VIS	XI	VIS	100	VT-3	Accept able	2003-025-003	9/24/03	
EF00031SUPPORT Ef-V-8b N U-Bolt		UB	F-A F1.40	VIS	XI	VIS	100	VT-3	Accept able	2003-025-005	9/25/03	
EF0021SUPPORT Emergency Fw N Con Support		CO	F-A F1.20	VIS	XI	VIS	100	VT-3	Accept able	C200511702	10/27/03	No recordable indications.
EF0041SUPPORT Ef Downstream Of Ef-P-1 Hanger N		HA	F-A F1.30	VIS	XI	VIS	100	VT-3	Accept able	2003-025-004	9/25/03	

TMI ISI Component Support Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number Insulation	Type	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Perc. Cvrg.	Actual Exam	Results	Report Number	Date	Inspection Comments
EF0116SUPPORT		SN	F-A F1.20	VIS	XI	VIS	100	VT-3	Acceptable	C200511402	11/3/03	No recordable indications.
Efw In Sec Shld Se EI330 Hydraulic Snubber												
EF0159SUPPORT		GU	F-A F1.20	VIS	XI	VIS	100	VT-3	Acceptable	2003-025-006	9/25/03	
N Efw Dwnstrm Ef-V-30d Guide												
FW0080SUPPORT		VA	F-A F1.20	VIS	XI	VIS	100	VT-3	Acceptable	C200512202	10/21/03	
N Fw Pen 103 Variable Support												
FW0111SUPPORT		SN	F-A F1.20	VIS	PSI	VT-3		VT-3	Acceptable	R180205204	11/3/03	This is a PSI examination.
Fw Out Sec Shld Nw EI307 Hydraulic Snubber												
FW0113SUPPORT		SN	F-A F1.20	VIS	PSI	VT-3		VT-3	Acceptable	C2006641	11/14/03	This is a PSI examination.
Fw Out Sec Shld Nw EI320 Hydraulic Snubber												
IPE0007SUPPCRT		RI	F-A F1.30	VIS	XI	VIS	100	VT-3	Acceptable	2003-025-001	9/24/03	
N River Water Rigid Support												
MS0042SUPPORT		RI	F-A F1.20	VIS	XI	VIS	100	VT-3	Acceptable	C200512801	10/18/03	No recordable conditions.
N Main Steam Rigid Support												
MS0195SUPPORT		CO	F-A F1.20	VIS	XI	VIS	100	VT-3	Acceptable	C200513702	10/24/03	No recordable indications.
N Main Steam Con Support												

TMI ISI Component Support Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number Insulation	Type	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Perc. Cvrg.	Actual Exam	Results	Report Number	Date	Inspection Comments
MS0203SUPPORT		SN	F-A F1.20	VIS	PSI	VT-3		VT-3	Acceptable	R1802066-01	11/9/03	This is a PSI examination.
Ms Area 185 Ne EI337 Hydraulic Snubber												
MS0205SUPPORT		SN	F-A F1.20	VIS	PSI	VT-3		VT-3	Acceptable	R1802068	10/24/03	This is a PSI examination.
Ms Out Sec Shld Se EI338 Hydraulic Snubber												
MS0208SUPPORT		SN	F-A F1.20	VIS	PSI	VT-3		VT-3	Acceptable	R1802071	10/29/03	This is a PSI examination.
M												
Ms Out Sec Shld Nw EI338 Hydraulic Snubber												
MS0209SUPPORT		SN	F-A F1.20	VIS	PSI	VT-3		VT-3	Acceptable	R1802072	10/29/03	This is a PSI examination.
Ms Out Sec Shld Nw EI338 Hydraulic Snubber												
MS0210SUPPORT		SN	F-A F1.20	VIS	PSI	VT-3		VT-3	Acceptable	R1802073	10/31/03	This is a PSI examination.
Ms Out Sec Shld Nw EI338 Hydraulic Snubber												
MS0211SUPPORT		SN	F-A F1.20	VIS	SU	VIS	100	VT-3	Acceptable	C200513803-1	10/25/03	No recordable indications.
Ms Out Sec Shld Nw EI338 Hydraulic Snubber												
MS0217SUPPORT		SN	F-A F1.20	VIS	PSI	VT-3		VT-3	Acceptable	2003-019-001	7/31/03	Pre 1R15 Outage.
Ms-V-1c Hydraulic Snubber												
MS0224SUPPORT		SN	F-A F1.40	VIS	PSI	VT-3		VT-3	Acceptable	2002-008-001	3/19/02	1R14 RUN changed out snubber. Work performed under 72 hour clock. Pre 1R15 Outage.
Ms-V-1a Hydraulic Snubber												

TMI ISI Component Support Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number Insulation	Type	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Perc. Cvrg.	Actual Exam	Results	Report Number	Date	Inspection Comments
MS0225SUPPORT		SN	F-A F1.40	VIS	PSI	VT-3		VT-3	Accept able	R1802088	11/3/03	This is a PSI examination. See AR# 2075470 for snubber re-inspection acceptance criteria.
Ms-V-1b Hydraulic Snubber												
MS0227SUPPORT		SN	F-A F1.40	VIS	PSI	VT-3		VT-3	Accept able	R1802090	11/3/03	This is a PSI examination. See AR#A2075470 for final acceptance of snubber PSI, Hot/Cold setting.
Ms-V-1d Hydraulic Snubber												
MS0229SUPPORT		SN	F-A F1.20	VIS	SU XI	VIS	100	VT-3	Accept able	C200514403	10/22/03	
Ms On Rv Header B Hydraulic Snubber												
MS0230SUPPORT		SN	F-A F1.20	VIS	PSI	VT-3		VT-3	Accept able	R1802094-04	10/24/03	This is a PSI examination.
Ms Area 161 Ms Cube C S Hydraulic Snubber												
MS0234SUPPORT		SN	F-A F1.20	VIS	XI	VIS	100	VT-3	Accept able	C200515803	10/21/03	
Ms Above Ia Dryer Hydraulic Snubber												
MS0240SUPPORT		SN	F-A F1.20	VIS	PSI	VT-3		VT-3	Accept able	R1802103	10/24/03	This is a PSI examination.
Ms Ib EI 314 Hydraulic Snubber												
MS0243SUPPORT		SN	F-A F1.20	VIS	PSI	VT-3		VT-3	Accept able	R1802104	10/21/03	This is a PSI examination.
Ms Ib EI 314 Hydraulic Snubber												
MS0246SUPPORT		SN	F-A F1.30	VIS	PSI	VT-3		VT-3	Accept able	C2006641	11/15/03	This is a PSI examination.
Ms @ Ef-P-1 Hydraulic Snubber												

TMI ISI Component Support Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number Insulation	Type	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Perc. Cvrg.	Actual Exam	Results	Report Number	Date	Inspection Comments
MS0271SUPPORT Main Steam	C Rigid Support	RI	F-A F1.40	VIS	XI	VIS	100	VT-3	Accept able	C200516002	10/21/03	Two recordable indications determined to be acceptable per A2073459 E01.
MS0287SUPPORT Ms Area 184 Nw EI338	M Hydraulic Snubber	SN	F-A F1.20	VIS	XI	VIS	100	VT-3	Accept able	C200513803-2	10/25/03	No recordable indications. Slight surface corrosion noted on lower spherical bearing.
MU00554SUPPORT Mu Viv Alley	N Ubolt	UB	F-A F1.20	VIS	XI	VIS	100	VT-3	Accept able	2003-025-007	9/26/03	
MU01392SUPPORT Mu Se Quad Area 185	N Ubolt	UB	F-A F1.10	VIS	XI	VIS	100	VT-3	Accept able	C200531401	10/24/03	No recordable indications.
MU01424SUPPORT Makeup System	N Variable Support	VA	F-A F1.10	VIS	XI	VIS	100	VT-3	Accept able	C200531501	10/24/03	No recordable indications.
MU01455SUPPORT Makeup System	N Variable Support	VA	F-A F1.10	VIS	XI	VIS	100	VT-3	Accept able	C200537301	10/24/03	One recordable condition noted and determined to be acceptable per AVR A2073628 E01.
MUE0018SUPPORT Mu Upstrm Pen 322	N Ubolt Support	UB	F-A F1.20	VIS	XI	VIS	100	VT-3	Accept able	2003-025-010	9/26/03	
MUE0019SUPPORT Mu	Ubolt Support	UB	F-A F1.10	VIS	XI	VIS	100	VT-3	Accept able	C200519601	10/23/03	

TMI ISI Component Support Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number Insulation	Type	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Perc. Cvrg.	Actual Exam	Results	Report Number	Date	Inspection Comments
MUE0039SUPPORT Mu A D-Ring A Cold Lg Hpihydraulic Snubber		SN	F-A F1.10	VIS	PSI	VT-3		VT-3	Accept able	R1802117	10/26/03	This is a PSI examination. See AR# A2075470 for final acceptance of snubber examination, regarding Ho/Cold settings.
MUE0044SUPPORT Mu B D-Ring Ne Rc-P-1c Hydraulic Snubber		SN	F-A F1.10	VIS	PSI	VT-3		VT-3	Accept able	R1802120	10/26/03	This is a PSI examination. See AR# A2075470 for final acceptance of examination, with regard to Ho/Cold settings.
MUH0041SUPPORT N Makeup Rigid Support		RI	F-A F1.10	VIS	XI	VIS	100	VT-3	Accept able	C200519801	10/22/03	One recordable indication determined to be acceptable per A2073464 E01.
MUH0082SUPPORT N Mu Valve Alley Hanger		HA	F-A F1.20	VIS	XI	VIS	100	VT-3	Accept able	2003-025-014	9/29/03	
MUH0232SUPPORT M Makeup Guide		GU	F-A F1.10	VIS	XI	VIS	100	VT-3	Accept able	C200520001	10/23/03	No recordable indications.
NSE0276SUPPORT N Nscw Rb Purge Area Rigid Support		RI	F-A F1.30	VIS	XI	VIS	100	VT-3	Accept able	C200531302	10/14/03	No recordable conditions.
NSH0148SUPPORT N Nscw Perimeter Area Ubolt		UB	F-A F1.30	VIS	XI	VIS	100	VT-3	Accept able	C200525702-1	10/14/03	No recordable indications.
RBH0001SUPPORT N Rbec Dwnstrm Pen 410 Rigid Support		RI	F-A F1.20	VIS	XI	VIS	100	VT-3	Accept able	C200526301	10/23/03	

TMI ISI Component Support Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number Insulation	Type	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Perc. Cvrg.	Actual Exam	Results	Report Number	Date	Inspection Comments
RC0006SUPPORT Rc A D-Ring Ne Pump 1a Hydraulic Snubber		SN	F-A F1.10	VIS	PSI	VT-3		VT-3	Acceptable	R1802149	10/29/03	This is a PSI examination.
RC0008SUPPORT Rc Top Of Pressurizer Hydraulic Snubber		SN	F-A F1.40	VIS	XI	VT-3		VT-3	Acceptable	R1802151	10/23/03	See AR#2075470 Engineering evaluation.
RC0008SUPPORT Rc Top Of Pressurizer M Hydraulic Snubber		SN			PSI	VIS		VT-3	Acceptable	C200526703-1	10/25/03	No recordable indications.
RC0009SUPPORT Rc Top Of Pressurizer Hydraulic Snubber		SN	F-A F1.10	VIS	XI	VIS	100	VT-3	Acceptable	C200526703-2	10/25/03	No recordable indications.
RC0014SUPPORT Rc Aux Spray Ne EI321 Hydraulic Snubber		SN	F-A F1.10	VIS	PSI	VT-3		VT-3	Acceptable	R1802157	10/23/03	This is a PSI examination.
RC0016SUPPORT Rc @ Rc-V-3 Hydraulic Snubber		SN	F-A F1.40	VIS	PSI	VT-3		VT-3	Acceptable	R1802159	10/23/03	This is a PSI examination.
RC0023SUPPORT Pzr Spray Piping Hydraulic Snubber		SN	F-A F1.10	VIS	PSI	VT-3		VT-3	Acceptable	R1802163	10/29/03	This is a PSI examination.
RCP0001ARCP0001A9 SUPPORT RCP0001A9 Rc-P-1a	N Hydraulic Snubber	SN	F-A F1.40	VIS	PSI	VT-3		VT-3	Acceptable	R2001011	11/12/03	This is a PSI examination.

TMI ISI Component Support Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number Insulation	Type	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Perc. Cvrg.	Actual Exam	Results	Report Number	Date	Inspection Comments
RCP0001BRCP0001B3 SUPPORT RCP0001B3 Rc Support (Ring)	N	RI	F-A F1.40	VIS	XI	VIS	100	VT-3	Acceptable	C200527103-1	10/22/03	
RCP0001BRCP0001B9 SUPPORT RCP0001B9 Rc-P-1b Hydraulic Snubber	N	SN	F-A F1.40	VIS	XI	VIS		VT-3	Acceptable	C200527103-2	10/22/03	See response to CR# 182651 for satisfactory disposition of Reservoir Issue.
RCP0001CRCP0001C9 SUPPORT RCP0001C9 Rc-P-1c Hydraulic Snubber	N	SN	F-A F1.40	VIS	PSI	VT-2		VT-3	Acceptable	R1802424	11/12/03	This is a PSI examination.
RCP0001DRCP0001D9 SUPPORT RCP0001D9 Rc-P-1d Hydraulic Snubber	N	SN	F-A F1.40	VIS	PSI	VT-3		VT-3	Acceptable	R1802425	11/12/03	This is a PSI examination.
RRH0004SUPPORT N Nscw Rigid Support		RI	F-A F1.30	VIS	XI	VIS	100	VT-3	Acceptable	C200529501	10/6/03	No recordable indications.
RRH0013SUPPORT N Rbec Downstream Rr-V-3c Hanger		HA	F-A F1.20	VIS	XI	VIS	100	VT-3	Acceptable	C200529502	10/6/03	No recordable indications.
RRP0001BSUPPORT N Rr-P-1b Anchor		AN	F-A F1.40	VIS	XI	VIS	100	VT-3	Acceptable	2003-025-002	9/24/03	
RWH0022SUPPORT N River Wtr Hev N Side 110 Variable Support		VA	F-A F1.30	VIS	XI	VIS	100	VT-3	Acceptable	C200529802-1	10/6/03	No recordable indications.

TMI ISI Component Support Inspection Listing

Unit 1

Interval: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number Insulation	Type	Section XI Cat. Item	Exams XI AG	Inspection Reason	Required Exam	Perc. Cvrg.	Actual Exam	Results	Report Number	Date	Inspection Comments
SPSE0003SUPPORT		SN	F-A F1.20	VIS	PSI	VT-3		VT-3	Acceptable	R1802189	10/30/03	This is a PSI examination.
Bs-P-1a Vault	N Hydraulic Snubber											
SPSE0009SUPPORT		SN	F-A F1.20	VIS	PSI	VT-3		VT-3	Acceptable	R1802192	10/20/03	This is a PSI examination. See AR# A2075470 for final acceptance of Hot/Cold setting criteria.
Bs-P-1b Rm	N Hydraulic Snubber											
SPSE0011SUPPORT		SN	F-A F1.20	VIS	PSI	VT-3		VT-3	Acceptable	2002-004-001	1/8/02	Pre 1R15 Outage
Bs-P-1b Vault	Hydraulic Snubber											
SPSH0004SUPPORT		AN	F-A F1.20	VIS	XI	VIS	100	VT-3	Acceptable	C200529901	10/9/03	No recordable indications.
Bs-P-1a Vault	N Anchor											
SPSH0011SUPPORT		VA	F-A F1.20	VIS	XI	VIS	100	VT-3	Acceptable	C200529902	10/9/03	
Bs-P-1b Vault	N Variable Support											
SPSH0034SUPPORT		VA	F-A F1.20	VIS	XI	VIS	100	VT-3	Acceptable	2003-025-009	9/26/03	
Decay Heat Dwnstm	N Bs-V-59variable Support											

Three Mile Island ISI Bolted Bolting Inspection Listing

Unit 1

al: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Section XI Cat. Item	Required Exam(s)	Actual Exam(s)	Result(s)	Report Number	Date	Percent Coverage	Inspection Comments
MUV222Bolt Mu-V-222 Bonnet Bolting		B-G-2	Visual						No valve internal maintenance was scheduled or required 1R15. Examination of internal surfaces is not required this outage per ASME Section XI B-M-2, Note 2 and corresponding examination of pressure retaining bolting is not required per ASME Section XI B-G-2, Note 2.
RCH0001ALPMBTBLT NG Lower Primary Manway Bolting		B-G-2 B7.30	Visual	VT-1	Acceptable	C200298447	11/5/03	100	No recordable indications, VT-1 and UT. This is an Owner's Augmented inspection of Stud #8. Inspection was performed to verify stud functionality due to inability to remove stud from vessel during steam generator tubing inspection. No ANII involvement with volumetric (UT) examination. This examination included a CODE required VT-1 of the bolts and nuts, also an MT of the bolts, which is required by I&E Bulletin 82-02. These bolts and nuts were previously inservice. There are sixteen bolts and nuts which were examined. These examinations were performed between 1R14 and 1R15.
			VOL	UT	Acceptable	C2002984	11/5/03	100	
		B7.30	VT-1	VT-1	Acceptable	2002-019-003	6/17/02	100	
			MT	MT	Acceptable	2002-019-003	6/17/02	100	
RCH0001AUPHBTBLT NG Upper Primary Handhole Bolting		B-G-2 B7.30	VT-1	VT-1	Acceptable	2002-019-005	6/19/02	100	This examination included a CODE required VT-1 of the bolts and nuts, also an MT of the bolts, which is required by I&E Bulletin 82-02. Eleven of these bolts and nuts were previously inservice. Bolt and nut No. twelve are new and a PSI, (VT-1) was performed. These examinations were performed between 1R14 and 1R15.
			MT	MT	Acceptable	2002-019-005	6/19/02	100	
RCH0001AUPMBTBLT NG Upper Primary Manway Bolting		B-G-2 B7.30	VT-1	VT-1	Acceptable	2002-019-001	6/18/02	100	This examination included a CODE required VT-1 of the bolts and nuts, also an MT of the bolts, which is required by I&E Bulletin 82-02. These bolts and nuts were previously inservice. There are sixteen bolts and nuts which were examined. These examinations were performed between 1R14 and 1R15.
			MT	MT	Acceptable	2002-019-001	6/18/02	100	
RCH0001BLPMBTBLT NG Lower Primary Manway Bolting		B-G-2 B7.30	VT-1	VT-1	Acceptable	2002-019-004	6/18/02	100	This examination included a CODE required VT-1 of the bolts and nuts, also an MT of the bolts, which is required by I&E Bulletin 82-02. These bolts and nuts were previously inservice. There are sixteen bolts and nuts which were examined. These examinations were performed between 1R14 and 1R15.
			MT	MT	Acceptable	2002-019-004	6/18/02	100	
RCH0001BUPHBTBLT NG Upper Primary Handhole Bolting		B-G-2 B7.30	VT-1	VT-1	Acceptable	2002-019-006	6/19/02	100	This examination included a CODE required VT-1 of the bolts and nuts, also an MT of the bolts, which is required by I&E Bulletin 82-02. These bolts and nuts were previously inservice. There are twelve bolts and nuts which were examined. These examinations were performed between 1R14 and 1R15.
			MT	MT	Acceptable	2002-019-006	6/19/02	100	

Three Mile Island Borehole Bolting Inspection Listing

Unit 1

Total: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Section XI Cat. Item	Required Exam(s)	Actual Exam(s)	Result(s)	Report Number	Date	Percent Coverage	Inspection Comments
RCH0001BUPMBTBLT NG Upper Primary Manway Bolting		B-G-2 B7.30	VT-1	VT-1	Acceptable	2002-019-002	6/18/02	100	This examination included a CODE required VT-1 of the bolts and nuts, also an MT of the bolts, which is required by I&E Bulletin 82-02. These bolts and nuts were previously inservice. There are sixteen bolts and nuts which were examined. These examinations were performed between 1R14 and 1R15.
			MT	MT	Acceptable	2002-019-002	6/18/02	100	
RCP0001D005MFMBO LT Main Flange Bolt		B-G-1 B6.180	UT	UT	Acceptable	C200476402-1,2	10/29/03	100	No recordable indications.
RCP0001D006MFMBO LT Main Flange Bolt		B-G-1 B6.180	UT	UT	Acceptable	C200476402-1,2	10/29/03	100	No recordable indications.
RCP0001D007MFMBO LT Main Flange Bolt		B-G-1 B6.180	UT	UT	Acceptable	C200476402-1,2	10/29/03	100	No recordable indications.
RCP0001D008MFMBO LT Main Flange Bolt		B-G-1 B6.180	UT	UT	Acceptable	C200476402-1,2	10/29/03	100	No recordable indications.
RCP0001D009MFMBO LT Main Flange Bolt		B-G-1 B6.180	UT	UT	Acceptable	C200476402-1,2	10/29/03	100	No recordable indications.
RCP0001D010MFMBO LT Main Flange Bolt		B-G-1 B6.180	UT	UT	Acceptable	C200476402-1,2	10/29/03	100	No recordable indications.
RCP0001D011MFMBO LT Main Flange Bolt		B-G-1 B6.180	UT	UT	Acceptable	C200476402-1,2	10/29/03	100	No recordable indications.
RCP0001D012MFMBO LT Main Flange Bolt		B-G-1 B6.180	UT	UT	Acceptable	C200476402-1,2	10/29/03	100	No recordable indications.
RCT0001RH0041FFLA NGE Flange Ligaments		B-G-1 B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.

Three Mile Island ISI Bore Bolting Inspection Listing

Unit 1

al: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Section XI		Required Exam(s)	Actual Exam(s)	Result(s)	Report Number	Date	Percent Coverage	Inspection Comments
		Cat.	Item							
RCT0001RH0041M&Q BOLT Head Stud And Nut		B-G-1	B6.30	UT	UT	Accept able	C200476103- 1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).
			B6.10	MT	MT	Accept able	C200476104- 4	10/30/03	100	
				VT-1	VT-1	Accept able	C200476102	10/27/03	100	
RCT0001RH0041WBO LT Spherical Washers		B-G-1	B6.50	VT-1	VT-1	Accept able	C200476102	10/27/03	100	No recordable indications.
RCT0001RH0042FFLA NGE Flange Ligaments		B-G-1	B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.
RCT0001RH0042M&Q BOLT Head Stud And Nut		B-G-1	B6.30	UT	UT	Accept able	C200476103- 1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).
			B6.10	MT	MT	Accept able	C200476104- 4	10/30/03	100	
				VT-1	VT-1	Accept able	C200476102	10/27/03	100	
RCT0001RH0042WBO LT Spherical Washers		B-G-1	B6.50	VT-1	VT-1	Accept able	C200476102	10/27/03	100	No recordable indications.
RCT0001RH0043FFLA NGE Flange Ligaments		B-G-1	B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.
RCT0001RH0043M&Q BOLT Head Stud And Nut		B-G-1	B6.30	UT	UT	Accept able	C200476103- 1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).
			B6.10	MT	MT	Accept able	C200476104- 4	10/30/03	100	
				VT-1	VT-1	Accept able	C200476102	10/27/03	100	
RCT0001RH0043WBO LT Spherical Washers		B-G-1	B6.50	VT-1	VT-1	Accept able	C200476102	10/27/03	100	No recordable indications.
RCT0001RH0044FFLA NGE Flange Ligaments		B-G-1	B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.

Three Mile Island ISI Bore Bolting Inspection Listing

Unit 1

.al: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Section XI Cat. Item	Required Exam(s)	Actual Exam(s)	Result(s)	Report Number	Date	Percent Coverage	Inspection Comments	
RCT0001RH0044M&Q BOLT Head Stud And Nut		B-G-1 B6.30	UT	UT	Acceptable	C200476103-1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).	
			B6.10	MT	MT	Acceptable	C200476104-4	10/30/03		100
				VT-1	VT-1	Acceptable	C200476102	10/27/03		100
RCT0001RH0044WBO LT Spherical Washers		B-G-1 B6.50	VT-1	VT-1	Acceptable	C200476102	10/27/03	100	No recordable indications.	
RCT0001RH0045FFLA NGE Flange Ligaments		B-G-1 B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.	
RCT0001RH0045M&Q BOLT Head Stud And Nut		B-G-1 B6.30	UT	UT	Acceptable	C200476103-1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).	
			B6.10	MT	MT	Acceptable	C200476104-4	10/30/03		100
				VT-1	VT-1	Acceptable	C200476102	10/27/03		100
RCT0001RH0045WBO LT Spherical Washers		B-G-1 B6.50	VT-1	VT-1	Acceptable	C200476102	10/27/03	100	No recordable indications.	
RCT0001RH0046FFLA NGE Flange Ligaments		B-G-1 B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.	
RCT0001RH0046M&Q BOLT Head Stud And Nut		B-G-1 B6.30	UT	UT	Acceptable	C200476103-1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).	
			B6.10	MT	MT	Acceptable	C200476104-4	10/30/03		100
				VT-1	VT-1	Acceptable	C200476102	10/27/03		100
RCT0001RH0046WBO LT Spherical Washers		B-G-1 B6.50	VT-1	VT-1	Acceptable	C200476102	10/27/03	100	No recordable indications.	
RCT0001RH0047FFLA NGE Flange Ligaments		B-G-1 B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.	

Three Mile Island ISI Bolting Inspection Listing

Unit 1

Cycle: 3
 Period: 1
 Outage: 1R15

ISI Identifier Description	Line Number	Section XI Cat. Item	Required Exam(s)	Actual Exam(s)	Result(s)	Report Number	Date	Percent Coverage	Inspection Comments
RCT0001RH0047M&Q BOLT Head Stud And Nut		B-G-1 B6.30	UT	UT	Acceptable	C200476103-1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).
						C200476104-4	10/30/03	100	
						C200476102	10/27/03	100	
RCT0001RH0047WBO LT Spherical Washers		B-G-1 B6.50	VT-1	VT-1	Acceptable	C200476102	10/27/03	100	No recordable indications.
RCT0001RH0048FFLA NGE Flange Ligaments		B-G-1 B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.
RCT0001RH0048M&Q BOLT Head Stud And Nut		B-G-1 B6.30	UT	UT	Acceptable	C200476103-1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).
						C200476104-3	10/30/03	100	
						C200476102	10/27/03	100	
RCT0001RH0048WBO LT Spherical Washers		B-G-1 B6.50	VT-1	VT-1	Acceptable	C200476102	10/27/03	100	No recordable indications.
RCT0001RH0049FFLA NGE Flange Ligaments		B-G-1 B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.
RCT0001RH0049M&Q BOLT Head Stud And Nut		B-G-1 B6.30	UT	UT	Acceptable	C200476103-1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).
						C200476104-3	10/30/03	100	
						C200476102	10/27/03	100	
RCT0001RH0049WBO LT Spherical Washers		B-G-1 B6.50	VT-1	VT-1	Acceptable	C200476102	10/27/03	100	No recordable indications.
RCT0001RH0050FFLA NGE Flange Ligaments		B-G-1 B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.

Three Mile Island ISI Borehole Bolting Inspection Listing

Unit 1

Cycle: 3
 Period: 1
 Outage: 1R15

ISI Identifier Description	Line Number	Section XI Cat. Item	Required Exam(s)	Actual Exam(s)	Result(s)	Report Number	Date	Percent Coverage	Inspection Comments
RCT0001RH0050M&Q BOLT Head Stud And Nut		B-G-1 B6.30	UT	UT	Acceptable	C200476103-1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).
			MT	MT	Acceptable	C200476104-3	10/30/03	100	
			VT-1	VT-1	Acceptable	C200476102	10/27/03	100	
RCT0001RH0050WBO LT Spherical Washers		B-G-1 B6.50	VT-1	VT-1	Acceptable	C200476102	10/27/03	100	No recordable indications.
RCT0001RH0051FFLA NGE Flange Ligaments		B-G-1 B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.
RCT0001RH0051M&Q BOLT Head Stud And Nut		B-G-1 B6.30	UT	UT	Acceptable	C200476103-1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).
			MT	MT	Acceptable	C200476104-3	10/30/03	100	
			VT-1	VT-1	Acceptable	C200476102	10/27/03	100	
RCT0001RH0051WBO LT Spherical Washers		B-G-1 B6.50	VT-1	VT-1	Acceptable	C200476102	10/27/03	100	No recordable indications.
RCT0001RH0052FFLA NGE Flange Ligaments		B-G-1 B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.
RCT0001RH0052M&Q BOLT Head Stud And Nut		B-G-1 B6.30	UT	UT	Acceptable	C200476103-1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).
			MT	MT	Acceptable	C200476104-2	10/29/03	100	
			VT-1	VT-1	Acceptable	C200476102	10/27/03	100	
RCT0001RH0052WBO LT Spherical Washers		B-G-1 B6.50	VT-1	VT-1	Acceptable	C200476102	10/27/03	100	No recordable indications.
RCT0001RH0053FFLA NGE Flange Ligaments		B-G-1 B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.

Three Mile Island ISI Bolted Bolting Inspection Listing

Unit 1

Serial: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Section XI Cat. Item	Required Exam(s)	Actual Exam(s)	Result(s)	Report Number	Date	Percent Coverage	Inspection Comments
RCT0001RH0053M&Q BOLT Head Stud And Nut		B-G-1 B6.30 B6.10	UT	UT	Accept able	C200476103- 1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).
			MT	MT	Accept able	C200476104- 2	10/29/03	100	
			VT-1	VT-1	Accept able	C200476102	10/27/03	100	
RCT0001RH0053WBO LT Spherical Washers		B-G-1 B6.50	VT-1	VT-1	Accept able	C200476102	10/27/03	100	No recordable indications.
RCT0001RH0054FFLA NGE Flange Ligaments		B-G-1 B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.
RCT0001RH0054M&Q BOLT Head Stud And Nut		B-G-1 B6.30 B6.10	UT	UT	Accept able	C200476103- 1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).
			MT	MT	Accept able	C200476104- 2	10/29/03	100	
			VT-1	VT-1	Accept able	C200476102	10/27/03	100	
RCT0001RH0054WBO LT Spherical Washers		B-G-1 B6.50	VT-1	VT-1	Accept able	C200476102	10/27/03	100	No recordable indications.
RCT0001RH0055FFLA NGE Flange Ligaments		B-G-1 B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.
RCT0001RH0055M&Q BOLT Head Stud And Nut		B-G-1 B6.30 B6.10	UT	UT	Accept able	C200476103- 1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).
			MT	MT	Accept able	C200476104- 2	10/29/03	100	
			VT-1	VT-1	Accept able	C200476102	10/27/03	100	
RCT0001RH0055WBO LT Spherical Washers		B-G-1 B6.50	VT-1	VT-1	Accept able	C200476102	10/27/03	100	No recordable indications.
RCT0001RH0056FFLA NGE Flange Ligaments		B-G-1 B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.

Three Mile Island ISI Bore Bolting Inspection Listing

Unit 1

Level: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Section XI		Required Exam(s)	Actual Exam(s)	Result(s)	Report Number	Date	Percent Coverage	Inspection Comments
		Cat.	Item							
RCT0001RH0056M&Q BOLT Head Stud And Nut		B-G-1	B6.30	UT	UT	Accept able	C200476103- 1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).
			B6.10	MT	MT	Accept able	C200476104- 2	10/29/03	100	
				VT-1	VT-1	Accept able	C200476102	10/27/03	100	
RCT0001RH0056WBO LT Spherical Washers		B-G-1	B6.50	VT-1	VT-1	Accept able	C200476102	10/27/03	100	No recordable indications.
RCT0001RH0057FFLA NGE Flange Ligaments		B-G-1	B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.
RCT0001RH0057M&Q BOLT Head Stud And Nut		B-G-1	B6.30	UT	UT	Accept able	C200476103- 1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).
			B6.10	MT	MT	Accept able	C200476104- 2	10/29/03	100	
				VT-1	VT-1	Accept able	C200476102	10/27/03	100	
RCT0001RH0057WBO LT Spherical Washers		B-G-1	B6.50	VT-1	VT-1	Accept able	C200476102	10/27/03	100	No recordable indications.
RCT0001RH0058FFLA NGE Flange Ligaments		B-G-1	B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.
RCT0001RH0058M&Q BOLT Head Stud And Nut		B-G-1	B6.30	UT	UT	Accept able	C200476103- 1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).
			B6.10	MT	MT	Accept able	C200476104- 2	10/29/03	100	
				VT-1	VT-1	Accept able	C200476102	10/27/03	100	
RCT0001RH0058WBO LT Spherical Washers		B-G-1	B6.50	VT-1	VT-1	Accept able	C200476102	10/27/03	100	No recordable indications.
RCT0001RH0059FFLA NGE Flange Ligaments		B-G-1	B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.

Three Mile Island ISI Bolt and Bolting Inspection Listing

Unit 1

Total: 3
Period: 1
Outage: 1R15

ISI Identifier Description	Line Number	Section XI Cat. Item	Required Exam(s)	Actual Exam(s)	Result(s)	Report Number	Date	Percent Coverage	Inspection Comments
RCT0001RH0059M&Q BOLT Head Stud And Nut		B-G-1 B6.30 B6.10	UT	UT	Acceptable	C200476103-1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).
			MT	MT	Acceptable	C200476104-1	10/28/03	100	
			VT-1	VT-1	Acceptable	C200476102	10/27/03	100	
RCT0001RH0059WBO LT Spherical Washers		B-G-1 B6.50	VT-1	VT-1	Acceptable	C200476102	10/27/03	100	No recordable indications.
RCT0001RH0060FFLANGE Flange Ligaments		B-G-1 B6.40	UT	UT	HOLD	C200476105	11/11/03	80.56	This exam is deferred.
RCT0001RH0060M&Q BOLT Head Stud And Nut		B-G-1 B6.30 B6.10	UT	UT	Acceptable	C200476103-1,2	10/28/03	100	No recordable indications; UT of RPV Head Closure Studs (ASME Item No. B6.30); MT of RPV Head Closure Studs (ASME Item No. B6.30) and; VT-1 of Closure Head Nuts (ASME Item No. B6.10).
			MT	MT	Acceptable	C200476104-1	10/28/03	100	
			VT-1	VT-1	Acceptable	C200476102	10/27/03	100	
RCT0001RH0060WBO LT Spherical Washers		B-G-1 B6.50	VT-1	VT-1	Acceptable	C200476102	10/27/03	100	No recordable indications.
RCT0002LHBBTBLTN G Lower Heater Bundle Bolting		B-G-2 B7.20	VIS	VT-1	Acceptable	C200444202-2	10/24/03		No recordable indications, ISI. Examination was performed with bolting in place. Cover stud #11 was damaged during heater cover removal performed after ISI VT-1. The extent of damage to the stud threads in the engagement area was evaluated and determined that Stud #11 was acceptable as-is. See Framatome NCR # 6029688 and Calculation Summary Sheet 32-5036396-01.
			Visual	VT-1	Indication	NCR 6029688-01	11/7/03		
RCT0002MHBBTBLTN G Middle Heater Bundle Bolting		B-G-2 B7.20	VIS	VT-1	Acceptable	C200444204	10/24/03	100	No recordable indications. Examination performed with bolting in place.

ENCLOSURE 1

NIS-1 TABLE 1
ABSTRACT OF SYSTEM PRESSURE TESTS

NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTION

Date: 2/04/04

Page: 1

1. OWNER: Exelon Generation Company, 300 Exelon Way, Kennett Square, PA 19348
2. PLANT: Three Mile Island Nuclear Generating Station, Route 441 South, Middletown, Pennsylvania
3. PLANT UNIT: 1
4. OWNER CERTIFICATION OF AUTHORIZATION (if required): NONE
5. COMMERCIAL SERVICE DATE: 9/02/74
6. NATIONAL BOARD NUMBER FOR UNIT: Reactor Vessel N-109

CYCLE 14 AND OUTAGE T1R15

Table 1

IDENTIFICATION	SYSTEM	NDE Method	EXAM DATE	REASON	REMARKS
1300-6B	DR	VT-2	07-02-02	ISI	
1300-6C	NR	VT-2	05-29-02	ISI	
1300-6E	DC	VT-2	09-20-02	ISI	
1300-6F	SF	VT-2	06-29-02	ISI	
1300-6G	EF-P-1	VT-2	02-06-03	ISI	
1300-6H	EF-P-2A/B	VT-2	06-03-02	ISI	
1300-6L	NS	VT-2	06-05-02	ISI	
1300-6M	MU	VT-2	09-03-03	ISI	
1300-6N	Chill Water	VT-2	03-05-02	ISI	
1300-6Q	CF/RC/FW	VT-2	10-31-03	ISI	Class 1 insulated bolted connections
1300-6T	DH	VT-2	01-17-02	ISI	
1300-6U	FW/EFW/MS	VT-2	12-03-03	ISI	
1300-6V	RB/CA/IC	VT-2	08-12-02	ISI	
OP-TM-211-262	MU	VT-2	10-17-03	ISI	
OP-TM-212-215	DH	VT-2	10-22-03	ISI	
OP-TM-212-217 / 218	DH	VT-2	10-28-03	ISI	DH-V-6 to RB Sump
OP-TM-212-261	DH	VT-2	10-18-03	ISI	
OP-TM-213-261 / 262	CF	VT-2	10-17-03	ISI	

IDENTIFICATION	SYSTEM	NDE Method	EXAM DATE	REASON	REMARKS
OP-TM-214-253 / 254	BS	VT-2	07-25-03 / 08-14-03	ISI	
OP-TM-220-261	RC	VT-2	12-10-03	ISI	ASME Section XI B-P visual VT-2 examination all item numbers
OP-TM-220-262	RC	VT-2	12-03-03	ISI	
OP-TM-220-263	CA	VT-2	10-08-03	ISI	

Three Mile Island ISI Containment Inspection Listing

Unit 1

Interval: 3 Period: 1 Outage: 1R15

ISI Identifier Description	Line Number	Section XI Cat.	XI Item	Exams XI AG	Inspection Reason	Required Exam	Code Coverage	Actual Exam	Results	Report Number	Date	Inspection Comments
AUG Containment Liner		E-A	E1.11	VIS AU G	AUG AUG	Visual	100	Visual	N/A	2003-041-001	11/14/03	The Subject inspection report documents the as found condition of Plate C1-1 through Plate C1-52. This was an inspection of the 281' liner and moisture barrier for 360 degrees. Conditions such as broken moisture barrier, paint peel and chips on coatings were identified. These conditions were repaired. UT wall thickness exams were also performed in the moisture barrier interface areas of Plates P-41-7 and P-42-2, as documented under report 2003-041-002.
281 liner and moisture barrier visual						Visual	100	Visual	Acceptable	2003-041-003	11/18/03	
						UT		UT	Indication	2003-041-002	11/14/03	
Penet. 414-I Interior Containment Penetration		E-G		VIS	PSI	VT-1	100	VT-1	Acceptable	2003-041-004	11/19/03	
Penet. 414-I Bolted Connection			E8.10									
Penet. 415-I Interior Containment Penetration		E-G		VIS	PSI	VT-1	100	VT-1	Acceptable	2003-041-004	11/19/03	
Penet. 415-I Bolted Connection			E8.10									

NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTION

1. OWNER: Amergen Energy, LLC, P.O. Box 480, Middletown, PA, 17057

2. PLANT: Three Mile Island Nuclear Generating Station
Route 441 South, Middletown, Pennsylvania

3. Plant Unit: 1

4. OWNER CERTIFICATION OF AUTHORIZATION (if required) NONE

5. COMMERCIAL SERVICE DATE: 9/02/74

6. NATIONAL BOARD NUMBER FOR UNIT: Reactor Vessel N-109

OUTAGE T1R15
TABLE 2

EXAM NO.	ASME CAT.	ASME ITEM NO.	IDENTIFICATION TAG NUMBER SUFFIX CODE	DESCRIPTION	SYS	NDE METH	UNACCEPTABLE INDICATION AND DISPOSITION
C200505 -005	BJ	B9.11	SR0010BMWELD	NOZZLE TO SAFE END WELD	RC	UT	AXIAL, INDICATION WELD OVERLAY REPAIR
1231561 & 4160608	N/A	N/A	A28-205-59	PRESSURIZER LOWER HEATER BUNDLE SEAL WELD	RC	PT	LINEAR INDICATIONS REPLACED HEATER BUNDLE

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp LLC Issue 3/26/02
Name
- 200 Exelon Way, Kennett Square, PA Sheet 1 of 1
Address
2. Plant Three Mile Island Generating Station Unit TMI-1
Name
- Rt. 441 South, Middletown, PA, 17057 Work Order No: C1192792
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by AmerGen Energy Comp. Type Code Symbol Stamp N/A
Name
- 200 Exelon Way, Kennett Square, PA Authorization No. N/A
Address Expiration Date N/A
4. Identification of System NUC RIVER
5. (a) Applicable Construction Code B31.7, 1968 Draft Edition, June Errata Addenda N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1995 through 1996 Add.
6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
NR-P-1A	JOHNSTON PUMP CO	361167	N/A	'A' NUC RIVER PUMP, SCREENHOUSE 305 ELEVATION. SOUTHERN-MOS T PUMP.	N/A	Replacement	NO

7. Description of Work: Replaced NR-P-1A with new Johnson Pump.
8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 4/17 20 02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam boiler I & I Co of CT of Hartford, CT. 06102 have inspected the components described in this Owner's Report during the period DEC 6, 2001 to MARCH 26, 2002 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NA 5478 (I) (N) PA 1887
Inspector's Signature National Board, State, Province, and Endorsements

Date April 24 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp. LLC Date 1/8/02
Name

200 Exelon Way, Kennett Square, PA Sheet 1 of 1
Address

2. Plant Three Mile Island Generating Station Unit TMI-1
Name

Rt. 441 South, Middletown, PA, 17057 Work Order No: C2001860
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by AmerGen Energy Comp Type Code Symbol Stamp N/A
Name

Authorization No. N/A

200 Exelon Way, Kennett Square, PA Expiration Date N/A
Address

4. Identification of System DECAY HEAT RINSE

5. (a) Applicable Construction Code BS1.7, 1968 Ed. Addenda N/A Code Case
(b) Applicable Edition of Section XI Utilized 1995 through 1996 Add.

6. Identification of Components Repaired or Replaced Decay Heat Rinse Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
DR-P-1B	JOHNSTON PUMP CO	99JC1409S	DECAY HEAT RINSE PUMP HOUSE EAST SIDE	N/A	Replacement	NO

7. Description of Work: Replaced bowl assembly for DR-P-1B with new.

8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed P.B. Costello, TSE Program Eng. Date 4/17, 20 02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam boiler I & I Co of CT of Hartford, CT. 06102 have inspected the components described in this Owner's Report during the period December 6, 2001 to January 8, 2002, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joseph J. Kelly
Inspector's Signature

Commissions NB 5478 (I) (N) PA 1587
National Board, State, Province, and Endorsements

Date April 24 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp LLC Date 3 27 02
Name

200 Exelon Way, Kennett Square, PA Sheet 1 of 1
Address

2. Plant Three Mile Island Generating Station Unit TMI-1
Name

Rt. 441 South, Middletown, PA, 17057 Work Order No: C1188546
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by AmerGen Energy Comp Type Code Symbol Stamp N/A
Name

200 Exelon Way, Kennett Square, PA Authorization No. N/A
Address Expiration Date N/A

4. Identification of System NUC RIVER

5. (a) Applicable Construction Code B31.7, 1968 Draft Edition, June Errata Addenda N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1995 through 1996 Add.

6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
NR-P-1B	JOHNSTON PUMP CO	N/A	N/A	'B' NUC RIVER PUMP. SCREENHOUSE 305 ELEVATION NORTH PUMP ROOM. SOUTHERN MOST PUMP.	N/A	Replacement	NO

7. Description of Work: Replaced NR-P-1B with new Johnson Pump.

8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R.B. O'Neil, TST Program Engr. Date 4/17 20 02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam boiler I & I Co of CT of Hartford, CT, 06102 have inspected the components described in this Owner's Report during the period December 6, 2001 to MARCH 25, 2002 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joseph P. Keely
Inspector's Signature

Commissions NB 5479 (E) (NI) PA 1887
National Board, State, Province, and Endorsements

Date April 24 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp. LLC Date 5/23/02
Name
- 200 Exelon Way. Kennett Square. PA Sheet 1 of 1
Address
2. Plant Three Mile Island Generating Station Unit TMI-1
Name
- Rt. 441 South. Middletown. PA. 17057 Work Order No: C2003166
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by AmerGen Energy Comp. Type Code Symbol Stamp N/A
Name
- 200 Exelon Way. Kennett Square. PA Authorization No. N/A
Address Expiration Date N/A

4. Identification of System NUC RIVER
5. (a) Applicable Construction Code B31.7. 1968 Draft Edition, June Errata Addenda, N416-1 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1995 through 1996 Add.

6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
NR Pipe	N/A	N/A	N/A	N/A	N/A	Repair	NO

7. Description of Work: installed new branch connection over a MIC leak per MNCR T2002-0030. Connection was blank off to stop the leak.
8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017

FORM NIS-2 (Back)

9. Remarks None
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R. B. Coletta, ISI Program Eng. Date 6/4/ 20 02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam boiler I & I Co of CT of Hartford, CT. 06102 have inspected the components described in this Owner's Report during the period May 14, 2002 to June 4, 2002, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joseph S. McElroy Commissions NB 5478 (I) (N) PA 1887
Inspector's Signature National Board, State, Province, and Endorsements

Date June 4 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp. LLC Date 7/11/02
Name
- 200 Exelon Way, Kennett Square, PA Sheet 1 of 1
Address
2. Plant Three Mile Island Generating Station Unit TMI-1
Name
- Rt. 441 South, Middletown, PA, 17057 Work Order No: C2002899
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by AmerGen Energy Comp. Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 200 Exelon Way, Kennett Square, PA Expiration Date N/A
Address
4. Identification of System Spent Fuel
5. (a) Applicable Construction Code B31.7, 1968 Draft Edition, June Errata 1968 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1995 through 1996 Add.

6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SF-V-19	ALOYCO DIV / WALWORTH CO	N/A	N/A	SF-DHR X-CONN ISOL VALVE	N/A	Replacement	NO

7. Description of Work: Installed 2 new studs w/ injection caps @ aprox. 8:00 and 2 new studs w/injection caps @ aprox 5:30 to stop bonnet leaks.
8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017

FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repaired (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed B. B. Corbett ISI Engvr. Date 9/26/ 20 02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam boiler I & I Co of CT of Hartford, CT. 06102 have inspected the components described in this Owner's Report during the period 7-21-02 to 9-26-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joseph S. Shelby
Inspector's Signature

Commissions NB 5478 (N) (I) PA 1887
National Board, State, Province, and Endorsements

Date Sept 30 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Company, LLC Date 12/04/03
Name

TMI-1, Route 441 South, Middletown, PA 17057 Sheet one of two
Address

2. Plant Three Mile Island Unit one
Name

Route 441 South, Middletown, PA, 17057 Welding Services Inc. Job No. 33159
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Welding Services Inc. Type Code Symbol Stamp "NR"
Name

Authorization No. NR-69

2225 Skyland Court Norcross, Georgia 30071 Expiration Date 7-Nov. 2004
Address

4. Identification of System 10" Reactor Coolant System Nozzle to 36" OTSG "A" Hot Leg

5. (a) Applicable Construction Code USAS B31.1 Code Case
(b) Applicable Edition of Section XI Utilized Errata, June 68 Addenda N504-2, N-638

6. Identification of Components Repaired or Replaced See Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Nozzle	Babcock & Wilcox	Weld # SR-0010-BM	Safe Line Hot Nozzle Connection to Safe-End Weld	1969	Repaired by weld overlay	No

7. Description of Work Performed ambient temperature dissimilar metal, temper bead weld overlay to nozzle safe end weld

8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure X

Other 4 Hr Hold Pressure 2155psi Test Temp. 530 °F

FORM NIS-2 (Back)

9. Remarks NRC Relief Request Docket No. 50-289 was approved for the alternative overlay repair performed.
Applicable Manufacturer's Data Reports to be attached

Performed ambient temperature, dissimilar metal, temper bead weld overlay to nozzle/safe end weld number SR-0010-BM. All welding
was performed using Alloy 52 (NiCrFe-7) wire, .035 diameter, Heat # NX1967JK, WPS No. 01-08-T-801, Rev. 0 and direct control
automated GTAW welding process.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp National Board "NR" Program was used, no stamping was performed.

Certificate of Authorization No. Welding Services, Inc., NR-69 Expiration Date 7-Nov. 2004.

Signed R.B. Couta ISI R&R Engr. Date 12/04, 2003
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of and employed by HARTFORD STEAM BOILER I & I Co of CT of HARTFORD, CT Have inspected the components described in this Owner's Report during the period Nov. 1, 2003 to 11-30-03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joseph M. Kelly Commissions NB 5478 (N) (I) PA 1887
Inspector's Signature National Board, State, Province, and Endorsements

Date December 4 2003

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp. LLC Date 11/14/03
 Name
- 200 Exelon Way, Kennett Square, PA Sheet 1 of 1
 Address
2. Plant Three Mile Island Generating Station Unit TMI-1
 Name
- Rt. 441 South, Middletown, PA, 17057 Work Order No: C2004571
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by AmerGen Energy Comp. Type Code Symbol Stamp N/A
 Name Authorization No. N/A
- 200 Exelon Way, Kennett Square, PA Expiration Date N/A
 Address
4. Identification of System CONTROL BUILDING & MACHINE SHOP H&V SYSTEMS
5. (a) Applicable Construction Code B31.1, 1967 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1995 through 1996 Add.

6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
AH-C-6B_	AEROFIN CORP_	N/A	N/A	TYPE C, MFG STYLE : 10'X29"	IN SERVICE DATE: 09/02/74	Replaced	NO

7. Description of Work: Replaced cooling coils for AH-C-6B per ECR 02-00953
8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

Class 3 Section XI Exempt

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed [Signature]
Owner or Owner's Designee

Date 12/9, 2003

CERTIFICATE OF SERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Boiler I & I Co of CT of Hartford, CT, 06102 have inspected the components described in this Owner's Report during the period NOV 6, 2003 to NOV. 11, 2003, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 5478 (N) (IL) PA 1887
National Board, State, Province, and Endorsements

Date January 5, 2004

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp. LLC Date 11/14/03
Name
- 200 Exelon Way, Kennett Square, PA Sheet 1 of 1
Address
2. Plant Three Mile Island Generating Station Unit TMI-1
Name
- Rt. 441 South, Middletown, PA, 17057 Work Order No: C2004851
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by AmerGen Energy Comp. Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 200 Exelon Way, Kennett Square, PA Expiration Date N/A
Address
4. Identification of System SPENT FUEL COOLING SYSTEM
5. (a) Applicable Construction Code B31.1, 1967 Addenda N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1995 through 1996 Add.

6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SF-V-19, MODEL #: N216SP,	ALOYCO DIV / WALWORTH CO	N/A	N/A	SF-DHR X-CONN ISOL VALVE_	IN SERVICE DATE: 09/02/74	Replaced	NO

7. Description of Work: Replaced SF-V-19 bolting
8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

Class 2 Section II

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 12/9, 20 03
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam boiler I & I Co of CT of Hartford, CT, 06102 have inspected the components described in this Owner's Report during the period 11-6-03 to 11-30-03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 5478 (N)(I) PA 1087
National Board, State, Province, and Endorsements

Date 1-6 2004

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp. LLC Date 12/3/03
Name
- 200 Exelon Way, Kennen Square, PA Sheet 1 of 1
Address
2. Plant Three Mile Island Generating Station Unit TMI-1
Name
- Rt. 441 South, Middletown, PA, 17057 Work Order No: C2002441
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by AmerGen Energy Comp. Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 200 Exelon Way, Kennen Square, PA Expiration Date N/A
Address
4. Identification of System SPENT FUEL COOLING SYSTEM
5. (a) Applicable Construction Code B31.7, 1968 Draft, June Errata Addenda N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1995 through 1996 Add.

6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MU-V-107B, MODEL NUMBER : 1573	CRANE VALVE PROD/CRANE CO FR CHAPMAN	N/A	N/A	CONTAINMENT ISOL - HPI TO RCS B LOOP RBI CHECK VALVE	IN SERVICE DATE: 09/02/74	Replaced	NO

7. Description of Work: Replaced MU-V-107B bolting.
8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017

FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed R.B. Corti ISI Eng. Date 01/06 20 04
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam boiler I & I Co of CT of Hartford, CT. 06102

have inspected the components described in this Owner's Report during the period 11-01-03 to 11-30-03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joseph Shebby Joseph Shebby Commissions NB5478, PA1887 (N)(I)
Inspector's Signature National Board, State, Province, and Endorsements

Date January 6 20 04

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp. LLC Date 11/14/03
Name

200 Exelon Way, Kennett Square, PA Sheet 1 of 1
Address

2. Plant Three Mile Island Generating Station Unit TMI-1
Name

Rt. 441 South, Middletown, PA, 17057 Work Order No: C2004818
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by AmerGen Energy Comp. Type Code Symbol Stamp N/A
Name

200 Exelon Way, Kennett Square, PA Authorization No. N/A
Address Expiration Date N/A

4. Identification of System HPI/MAKEUP & PUMP

5. (a) Applicable Construction Code BSI Addenda N/A Code Case
(b) Applicable Edition of Section XI 1995 through 1996 Add.

6. Identification of Components Repaired or Replaced

Name of Component	Name of Manufacturer	Manufacturer Serial No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MU-V-70B, N316SP	ALOYCO DIV / WALWORTH CO	N/A	IN SERVICE DATE: 09/02/74	Replaced	NO

7. Description of Work: Replaced MU-V-70B bolting.

8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017

FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

Class 3 Component not meeting Section XI TWD-1210.
Section XI Examination Inspection and pressure
testing requirements do not apply. RBC/lt

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed

R.B. Corlett
Owner or Owner's Designee, Title

Date

12/9

20 03

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam boiler I & I Co of CT of Hartford, CT. 06102 have inspected the components described in this Owner's Report during the period 11-6-03 to 11-30-03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joseph M. M... ..
Inspector's Signature

Commissions

NB 5478 (N) (I) PA 1887
National Board, State, Province, and Endorsements

Date

1-6 2004

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp. LLC Date 11/14/03
Name
- 200 Exelon Way, Kennett Square, PA Sheet 1 of 1
Address
2. Plant Three Mile Island Generating Station Unit TMI-1
Name
- Rt. 441 South, Middletown, PA, 17057 Work Order No: R1802509
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by AmerGen Energy Comp. Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 200 Exelon Way, Kennett Square, PA Expiration Date N/A
Address
4. Identification of System EMERGENCY FEEDWATER SYSTEM
5. (a) Applicable Construction Code B31.1, 1967 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1995 through 1996 Add.

6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
EF-V-35, PART: D-10JS020-JS0060	LONERGAN VALVE	N/A	N/A	EF-P-1 BRG CLG & PUMP SEAL WTR RELIEF VALVE	IN SERVICE DATE: 11/14/03	Replaced	NO

7. Description of Work: Replaced EF-V-35
8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017

FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

Class 3 Section XI

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed [Signature]

Owner or Owner's Designee

Date 12/9, 20 03

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Boiler I & I Co of CT of Hartford, CT, 06102 have inspected the components described in this Owner's Report during the period 11-6-03 to 11-30-03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions

NB 5478 (N)(I) PA 1087

National Board, State, Province, and Endorsements

Date 1-6-04, 20 04

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp. LLC Date 12/3/03
Name
- 200 Exelon Way, Kennett Square, PA Sheet 1 of 1
Address
2. Plant Three Mile Island Generating Station Unit TMI-1
Name
- Rt. 441 South, Middletown, PA, 17057 Work Order No: R2030818
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by AmerGen Energy Comp. Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 200 Exelon Way, Kennett Square, PA Expiration Date N/A
Address

4. Identification of System REACTOR BUILDING MECHANICAL PENETRATION

5. (a) Applicable Construction Code N6.2, 1965 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 through 1996 Add.

6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PENET-414, MODEL NUMBER : PG-19. PENET-415, MODEL NUMBER : PG-5	CHICAGO BRIDGE & IRON CO	N/A	N/A	PENET-414, INT BLDG 1ST FL IN ROOMS OF H2 RECOMBINER 10' HIGH INT BLDG 1ST FL IN ROOMS OF H2 RECOMBINER 8' HIGH.	IN SERVICE DATE: 09/02/74	Replacement	NO

7. Description of Work: Replaced bolting on Containment Penetrations 414 & 415 .
8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure 55 PSI
Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RB Cortt ISI Prg. Mgr. Date 2/3, 20 04
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam boiler I & I Co of CT of Hartford, CT, 06102 have inspected the components described in this Owner's Report during the period October 2003 to November 2003, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joseph A. Kelly
Inspector's Signature

Commissions N.B. 5478 (N) (I) PA 1887
National Board, State, Province, and Endorsements

Date FEBRUARY 4 20 04

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp. LLC Date 12/3/03
Name
- 200 Exelon Way. Kennett Square, PA Sheet 1 of 1
Address
2. Plant Three Mile Island Generating Station Unit TMI-1
Name
- Rt. 441 South. Middletown, PA. 17057 Work Order No: R2011988
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by AmerGen Energy Comp. Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 200 Exelon Way. Kennett Square, PA Expiration Date N/A
Address
4. Identification of System PRESSURIZER
5. (a) Applicable Construction Code B31.7, 1986 draft. W/June Errata Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 through 1996 Add.
6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
RC-RV-1A, CONSOLIDATED (DRESSER) 2-1/2" MODEL 31739A	CONSOLIDATED (DRESSER)	SN# BR06613	N/A	PZR CODE SAFETY VALVE	IN SERVICE DATE: 09/02/74	Replacement	YES

7. Description of Work: Replaced RC-RV-1.
8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet. and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017

FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RB Corti JSI Prg Mgr Date 2/3, 20 04
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam boiler I & I Co of CT of Hartford. CT. 06102 have inspected the components described in this Owner's Report during the period October 2003 to November 2003, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joseph Spillbury
Inspector's Signature

Commissions NB 5478 (N) (I) PA 1887
National Board, State, Province, and Endorsements

Date FEBRUARY 4 20 04

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comm. LLC Date 11/23/03
Name _____
- 200 Exelon Way, Kennet Square, PA Sheet 1 of 1
Address _____
2. Plant Three Mile Island Generating Station Unit TMI-1
Name _____
- Rt. 441 South, Middletown, PA, 17057 Work Order No: C2004373
Address _____ Repair Organization P.O. No., Job No., etc. _____
3. Work Performed by AmerGen Energy Comm. Type Code Symbol Stamp N/A
Name _____ Authorization No. N/A
200 Exelon Way, Kennet Square, PA Expiration Date N/A
Address _____
4. Identification of System HPI/MAKEUP & PURIFICATION SYSTEM
5. (a) Applicable Construction Code BS1.7, 1968 Draft, June Errata, Addenda, N/A, Code Case N-416-1
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1995 through 1996 Add.
6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MU-V-26, MODEL NUMBER: SD	COPEL-VULCAN	0620-85593-5-1	N/A	RCP SEAL RETURN RB ISOLATION VALVE	IN SERVICE DATE: 1R15	Replaced	NO

7. Description of Work: Replaced MU-V-26 and support per ECF 03-01194.
8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017

FORM NIS-2 (Back)

9. Remarks None
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed GR Cortis IST Org. Mgr. Date 2/3/04, 20 04
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam boiler I & I Co of CT of Hartford, CT. 06102 have inspected the components described in this Owner's Report during the period SEPT 24, 2003 to Nov. 24th 2003 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joseph Shebby Joseph S. Shebby Commissions NB5478, PA1887 (N)(I)
Inspector's Signature National Board, State, Province, and Endorsements

Date February 4 20 04

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp. LLC Date 12/3/03
Name
- 200 Exelon Way, Kennett Square, PA Sheet 1 of 1
Address
2. Plant Three Mile Island Generating Station Unit TMI-1
Name
- Rt. 441 South, Middletown, PA, 17057 Work Order No: R2023249
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by AmerGen Energy Comp Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 200 Exelon Way, Kennett Square, PA Expiration Date N/A
Address

4. Identification of System PRESSURIZER
5. (a) Applicable Construction Code B31.7, 1968 draft, W/June Errata Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 through 1996 Add.
6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
RC-RV-2, MODEL NUMBER : 31533VX-30(25)X2	DRESSER IND INC	N/A	N/A	PZR PILOT OPERATED RELIEF VALVE	IN SERVICE DATE: 09/02/74	replacement	NO

7. Description of Work: Replaced RC-RV-2.
8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017

FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed JB Colita ISL Group Inc. Date 2/3, 20 04
Owner or Owner's Designee, Inc.

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Boiler I & I Co of CT of Hartford, CT, 06102 have inspected the components described in this Owner's Report during the period October 2003 to November 2003, and state that to the best of my knowledge and belief, the Owner's examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joseph S. Stebbins Commissions NB 5478 (N) (I) PA 1887
Inspector's Signature National Board, State, Province, and Endorsements

Date February 4, 20 04

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp. LLC Date 3/9/03
Name
- 200 Exelon Way, Kennett Square, PA Sheet 1 of 1
Address
2. Plant Three Mile Island Generating Station Unit TMI-1
Name
- Rt. 441 South, Middletown, PA, 17057 Work Order No: C113385
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by AmerGen Energy Comp. Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 200 Exelon Way, Kennett Square, PA Expiration Date N/A
Address
4. Identification of System NUCLEAR SERVICES RIVER WATER SYSTEM
5. (a) Applicable Construction Code B31.7, 1968 Draft, June Errata, Addenda, N/A Code Case N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1995 through 1996 Add.
6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
NR-P-1C., MODEL NUMBER : 24DC	JOHNSTON PUMP CO	361167	N/A	'C' NUC RIVER PUMP	IN SERVICE DATE: 3/9/03	Replaced	NO

7. Description of Work: Replaced NR-P-1C.
8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017

FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed RBC Control ISI Prg. Mgr. Date 2/3, 2004
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam boiler I & I Co of CT of Hartford, CT, 06102 have inspected the components described in this Owner's Report during the period October 2003 to November 2003, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joseph Shebbv Joseph Shebbv Commissions NB5478, PA1887 (N)(I)
Inspector's Signature National Board, State, Province, and Endorsements

Date February 4 2004

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp LLC Date 11/23/03
Name
- 200 Exelon Way, Kennett Square, PA Sheet 1 of 1
Address
2. Plant Three Mile Island Generating Station Unit TMI-1
Name
- Rt 441 South, Middletown, PA, 17057 Work Order No: C2004373
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by AmerGen Energy Comp Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 200 Exelon Way, Kennett Square, PA Expiration Date N/A
Address
4. Identification of System HPI/MAKEUP & PURIFICATION SYSTEM
5. (a) Applicable Construction Code B31.7, 1968 Draft, June Errata Addenda, N/A Code Case N-416-1
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1995 through 1996 Add
6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MU-V-20	SPX VALVES & CONTROLS	PART: DWG B-374836 REV.3	N/A	RCP SEAL INJECTION RB ISOL VALVE	IN SERVICE DATE: 1R15	Replaced	NO

7. Description of Work: Replaced MU-V-20 and modified support per ECR 03-01194.
8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017

FORM NIS-2 (Back)

9. Remarks None
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] ISI Prg. Mgr. Date 2/5 20 04
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam boiler I & I Co of CT of Hartford, CT. 06102 have inspected the components described in this Owner's Report during the period September 2003 to November 2003 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joseph Shebby [Signature] Commissions NB5478, PA1887 (N)(I)
Inspector's Signature National Board, State, Province, and Endorsements

Date February 5 2004

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp. LLC Date 11/14/05
Name
- 200 Exelon Way, Kennett Square, PA Sheet 1 of 1
Address
2. Plant Three Mile Island Generating Station Unit TMI-1
Name
- Rt. 441 South, Middletown, PA, 17057 Work Order No: C2006617
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by AmerGen Energy Comp. Type Code Symbol Stamp N/A
Name
- 200 Exelon Way, Kennett Square, PA Authorization No. N/A
Address Expiration Date N/A

4. Identification of System REACTOR BUILDING
5. (a) Applicable Construction Code N6.2, 1965 Addenda N/A Code Case _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1995 through 1996 Add.

6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
TMI-BLG-1/COURSE 1	N/A	N/A	N/A	CONTMNT LINER FROM EL279- EL289	IN SERVICE DATE: 09/02/74	Repaired	NO

7. Description of Work: RB Liner Coating & Moisture Barrier repairs to the following areas:

Plate C1-4, 3 Locations Plate C1-5, 3 Locations Plate C1-6, 2 Locations Plate C1-7, 1 Location Plate C1-8, 4 Locations Plate C1-9, 7 Locations Plate C1-10, 3 Locations Plate C1-11, 4 Locations Plate C1-12, 1 Location Plate C1-13, 1 Location Plate C1-14, 1 Location Plate C1-15, 2 Locations Plate C1-16, 1 Location Plate C1-17, 4 Locations Plate C1-18, 4 Locations Plate C1-20, 1 Location Plate C1-22, 4 Locations Plate C1-23, 8 Locations Plate C1-24, 11 Locations Plate C1-25, 10 Locations	Plate C1-26, 4 Locations Plate C1-27, 7 Locations Plate C1-28, 6 Locations Plate C1-29, 11 Locations Plate C1-30, 8 Locations Plate C1-31, 3 Locations Plate C1-32, 9 Locations Plate C1-33, 7 Locations Plate C1-34, 6 Locations Plate C1-35, 3 Locations Plate C1-36, 7 Locations Plate C1-38, 6 Locations Plate C1-39, 7 Locations Plate C1-40, 8 Locations Plate C1-41, 8 Locations Plate C1-42, 3 Locations Plate C1-43, 5 Locations Plate C1-44, 4 Locations Plate C1-45, 2 Locations Plate C1-46, 3 Locations	Plate C1-47, 1 Location Plate C1-48, 5 Locations Plate C1-49, 2 Locations Plate C1-50, 2 Locations Plate C1-51, 4 Locations Plate C1-52, 1 Location Moisture Barrier MB-33, 80" Moisture Barrier MB-34, 1 @ 38" & 1 @ 36" Moisture Barrier MB-35, 30" Moisture Barrier MB-36, 30" Moisture Barrier MB-37, 1 @ 23" & 1 @ 22" Moisture Barrier MB-39, 1 @ 10"
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8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

9. Remarks None
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed RBC [Signature] ISR Proj. Mgr. Date 2/4, 2004
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam boiler I & I Co of CT of Hartford, CT. 06102 have inspected the components described in this Owner's Report during the period November 14 2003 to November 20, 2003, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Joseph Lyberty Commissions NB 5478 (N) (I) PA 1887
Inspector's Signature National Board, State, Province, and Endorsements

FEBRUARY 5 2004

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp. LLC Date 12/3/03
Name
- 200 Exelon Way, Kennett Square, PA Sheet 1 of 1
Address
2. Plant Three Mile Island Generating Station Unit TMI-1
Name
- Rt. 441 South, Middletown, PA, 17057 Work Order No: R2011696
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by AmerGen Energy Comp. Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 200 Exelon Way, Kennett Square, PA Expiration Date N/A
Address
4. Identification of System REACTOR VESSEL
5. (a) Applicable Construction Code ASME Sec. III Addenda: Summer 1967 Code Case N/A
(b) Applicable Edition of Section XI Unaltered: 1995 through 1996 Addenda: 1995 through 1996 Add.
6. Identification of Components Repaired or Replaced: Reactor Vessel Components.

Name of Component	Name of Manufacturer	Manufacturer's Serial No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
RC-T-1	FRAMATOME ANP, INC.	SERIAL NUMBER: 620-0005-51	2003	Replacement	YES

7. Description of Work: Replaced Reactor Vessel Head
8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017

FORM NIS-2 (Back)

9. Remarks New Head was designed and fabricated to the ASME Code Section III, 1989 Ed., No Addenda.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair / Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] ISI Program Eng Date 2 / 18, 20 04
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam boiler I & I Co of CT of Hartford, CT, 06102 have inspected the components described in this Owner's Report during the period OCTOBER 2003 to November 2003, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions NB 5478 (N) (I), PA 1987
National Board, State, Province, and Endorsements

Date FEBRUARY 18 20 04

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the Provisions of the ASME Code Section XI

1. Owner AmerGen Energy Comp. LLC Date 02/19/04
Name
- 200 Exelon Way, Kennett Square, PA Sheet 1 of 1
Address
2. Plant Three Mile Island Generating Station Unit TMI-1
Name
- Rt. 441 South, Middletown, PA, 17057 Work Order No: 1231561 & 4160608
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Framatome ANP, Inc. Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 3315 Old Forest Road, Lynchburg, VA 25501 Expiration Date N/A
Address

4. Identification of System PRESSURIZER Vessel - Lower Heater Bundle (LHB)

5. (a) Applicable Construction Code 1992 ASME Code Section III Addenda, N/A Code Cases 2143-1 & 2142-1
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1995 through 1996 Add.

6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Heater Bundle (LHB)	B&W	1167775-608/1	N/A	N/A	1991	Replacement	YES (NPT)

7. Description of Work: Replaced Pressurizer Lower Heater Bundle, (LHB)
8. Tests Conducted Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017

FORM NIS-2 (Back)

9. Remarks The replacement bundle is an ASME Section III, Class 1 NPT stamped assembly supplied by B&W Nuclear. Applicable Manufacturer's Data Reports to be attached

Filler material for the repair was provided in accordance with Code Case 2143-1 and 2142-1 with qualifications under Section IX of the ASME Code.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type of Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 2/19 20 04
Owner or Owner's Designee, Title ISIP

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Boiler I & I Co of CT of Hartford, CT. 06102 have inspected the components described in this Owner's Report during the period OCTOBER 2003 to November 2003, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB 5478 (N) (I) PA 1887
Inspector's Signature National Board, State, Province, and Endorsements

Date FEBRUARY 19 20 04

FORM NR-1 REPORT OF REPAIR MODIFICATION OR REPLACEMENT
 TO NUCLEAR COMPONENTS AND SYSTEMS IN NUCLEAR POWER PLANTS

1. Work performed by Framatome ANP, Inc. 1231561 & 4160608
 (name of NR certificate holder) (P.O. no., job no., etc.)
3315 Old Forest Road, Lynchburg, VA 25501
 (address)

2. Owner Exelon Nuclear
 (name)
200 Exelon Way, Kennett Square, PA 19348
 (address)

3. Name, address and identification of nuclear power plant: Three Mile Island Power Station, Route 441 South, Middletown, PA

4. System Reactor Coolant (1) Pressurizer Vessel - Lower Heater Bundle (LHB)

5.a: Items Which Required Repair, Modification, or Replacement Activities

No	Identification							Construction Code			Repair/Mod/Replace	
	Type of Item	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/Section/Division	Edition/Addenda	Code Case(s)		Code Class
1	Vessel - LHB	BWNS	A28-205-59				1972	III	65/67S		A	Replace
2												
3												
4												
5												
6												
7												
8												

5. b: Items Installed During Replacement Activities

Type of Item	Construction Code		Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Other	Year Built	Name/Section/Division	Edition/Addenda	Code Case(s)	Code Class
	Installed or Replaced 5a Item No.										
Heater Bundle	1		B&W	1167775-608/1	1-2660		1991	III	1986/None	NA	1

6. ASME Code Section XI applicable for inservice inspection : 1995 1996 NA
 (edition) (addenda) (Code Cases(s))

7. ASME Code Section XI used for repairs, modifications, or replacements: 1995 1996 NA
 (edition) (addenda) (Code Cases(s))

8. Construction Code used for repairs, modifications, or replacements: 1992 ASME Code Section III None 2143-1 & 2142-1
 (edition) (addenda) (Code Cases(s))

9. Design responsibilities:

10. Tests conducted: hydrostatic Pneumatic Design pressure pressure (See Remarks Section)

11. Description of work: _____

Removed Pressurizer lower heater bundle seal weld and the original heater bundle. Installed a new replacement bundle and seal weld with Alloy 52 and 152 filler materials.

The replacement bundle is an ASME Section III, Class 1 NPT stamped assembly supplied by B&W Nuclear Service Company in 1991.

12. Remarks: Filler material for the repair was provided in accordance with Code Case 2143-1 and 2142-1 with qualifications under Section IX of the ASME Code.

The lower heater bundle was one of three ASME NPT stamped assemblies supplied by B&W in 1972. Assembly #s (A28-205-59-1), (A28-205-59-2), (A28-205-59-3). Utility Identification – LHB-BT

Item 10- Test to be performed by Utility as part of the system leak test prior to restart and is not part of this certification.

CERTIFICATE OF COMPLIANCE

I, M.F. Farlow certify that to the best of my knowledge and belief the statements made in this report are correct and the repair, modification or replacement activities described above conforms to Section XI of the ASME Code and the National board Inspection Code "NR" rules.

National Board Certificate of Authorization No. 64 to use the "NR" stamp expires May 17, 2006

NR Certificate Holder Framatome ANP, Inc.

(name)

Date, February 2, 2004 Signed _____

(authorized representative)

(title)

CERTIFICATE OF INSPECTION

I, Joseph S. Shebby, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of PENNSYLVANIA and employed by HSB of CT of CT have inspected the repair, modification or replacement described in this report on November 2003 and state that to the best of my knowledge and belief, this repair, modification or replacement activity has been completed in accordance with Section XI of the ASME Code and the National Board Inspection Code 'NR' rules.

By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.

Date FEBRUARY 17, 04 Signed _____

(inspector)

Commissions NB 5478 (N) (I) PA 1817
(National Board (incl. Endorsements), jurisdiction, and no.)

**FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES***

As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production

1. Manufactured and certified by B&W Fuel Company, CNFP, Mt. Athos Road, Lynchburg, VA 24504-9606
(Name and address of NPT Certificate holder)
B&W Nuclear Service Company

2. Manufactured for 3315 Old Forest Road, Lynchburg, VA 24506-0935
(Name and address of Purchaser)

3. Location of installation Duke Power Co., Oconee 1, Highway 130, Seneca, S.C.
(Name and address)

4. Type: 1196359E-02 * N/A N/A 1991
(Drawing No.) (NPT Spec. No.) (Serial length) (CRN) (Year built)

5. ASME Code, Section III, Division 1: 1985 None Class 1 None
(Edition) (License term) (Class) (Code Case no.)

6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision N/A Date N/A
(Date)

7. Remarks: * Material Spec. No.: SA-213 T-316; SA-479 T-316L; SA-479 T-304; SA-240 T-304

8. Nom. thickness (in.) N/A Min. design thickness (in.) N/A Dia. ID (ft & in.) N/A Length overall (ft & in.) N/A

9. When applicable, Certificate Holders' Data Reports are attached for each item of this report

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) 1167775-608/1		(26)	
(2)		(27)	
(3)		(28)	
(4)		(29)	
(5)		(30)	
(6)		(31)	
(7)		(32)	
(8)		(33)	
(9)		(34)	
(10)		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	

10. Design pressure 2500 psig Temp. 670 °F. Hydro. test pressure 3150 psig / 3.4 at temp. °F

* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded in the top of the form.



Certificate Holder's Serial No. 1167775-508/1 Through _____

CERTIFICATION OF DESIGN

Design specifications certified by Kenneth B. Stuckey P.E. State VA Reg. no. 15577

Design report certified by George J. Vames P.E. State VA Reg. no. 7507

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Item conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-2660 Expires January 4, 1994

Date 2-15-91 Name B&W Fuel Company
Commercial Nuclear Fuel Plant Signed WTSS for WT ENGELKE

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Virginia and employed by H.S.B.I. and I. Co.

of Hartford, CT. have inspected these items described in this Data Report on 2-15-91 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 2-15-91 Signed [Signature] Commissions NB 8734N, VA 321

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