

The Cleveland Electric Illuminating Company

PERRY OPERATIONS MANUAL

PNPP

Inservice Examination Program

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ISEP

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Inservice Examination Program

ISEP

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SCOPE OF REVISION:

- Rev. 3 -
1. Complete revision, no rev bars used.
 2. Updated references and organizational titles.
 3. Revised Category C-F-2 welds scheduled for examination in accordance with new Category C-F-2 Selection Basis.
 4. Incorporated Code Cases N-416-1 and N-491.
 5. Expanded RPV core shroud augmented examinations in accordance with BWRVIP Inspection Guidelines (reference BWRVIP report GENE-523-113-0894).
 6. Delete or modify components as necessitated by snubber DCPs 90-0098, 90-0098A, 90-0098B, 90-0098C, 90-0098D, 90-0098F, 93-0030, 94-5050 and 94-5089 [closes PMATS Engineering Open Items (EOIs) 94-20, 94-21, 94-34, 94-51, 94-53, 94-55, 94-59, and 94]
 7. Revised Category B-J welds scheduled for examination in accordance with new Category B-J Selection Basis performed as a result of revised piping stress calcs due to RF04 snubber optimization DCPs.
 8. Incorporated and/or referenced CEI commitments L00233, L01548, L01551 and L01552.
 9. Updated to reflect PIF process in lieu of NRs.
 10. Revised Category F-A item nos. and component supports scheduled for examination in accordance with new Category F-A Selection Basis performed as a result of incorporating Code Case N-491.
 11. Revised Category D-B and D-C integral attachment welds scheduled for examination to correspond with revised Category F-A Class 3 component support selections.
 12. Incorporated Revision 3 to Relief Requests IR-021 and IR-022.
 13. Added Volume 1 designation to cover page.
 14. Incorporated TC-1 and TC-2.
 15. Made numerous editorial corrections to item numbers and descriptions.
 16. Deleted welded attachments that do not exist.
 17. Incorporated Improved Technical Specification references.

INSERVICE EXAMINATION PROGRAM

1.0 INTRODUCTION

1.1 Purpose

This program provides methods of verification of the structural integrity of components subject to the examination requirements delineated in the ASME Boiler and Pressure Vessel Code, Section XI, Rules for Inservice Inspection.

1.2 Scope

The Inservice Examination Program (ISEP) delineates the components subject to non-destructive and visual examination during the first inspection interval at the Perry Plant, Unit 1. Components requiring examination are vessels, pumps, valves, piping systems and their supports. Of the components requiring exams, certain parts such as welds, bolting, core support structures, and interior surfaces may also require examination.

This program is subject to change. Changes will be affected via request for relief from examination or miscellaneous document revisions which may be submitted during the inspection interval. The program will be updated every 10 years or when necessary to reflect optional OWNER upgrades or regulatory commitments.

The Inservice Testing Program and the associated testing requirements for pumps, valves, and snubber functional tests are delineated in site administrative procedures and are not referenced within this document.

1.3 Compliance

The date for issuance of the low power operating license for PNPP Unit 1 was March 18, 1986. The facility operating license number is NPF-45. This license restricted the plant to power levels not to exceed 5 percent full power or 178 megawatts thermal. As of November 13, 1986, the NRC issued a full power operating license for Unit 1. The facility's full power license number is NPF-58 with an expiration date of March 18, 2026.

In accordance with 10CFR50.55a(g)(4)(i), the inservice examination of components subject to examination during the initial inspection interval shall comply with the requirements of the Code referenced in 10CFR50.55a(b) on the date 12 months prior to the date of issuance of the operating license. The referenced code associated with this stipulation is the 1980 edition of the ASME Boiler and Pressure Vessel Code, Section XI.

Effective on October 28, 1985, the NRC amended the Code reference by updating to the 1983 edition of ASME B&PV Section XI including addenda through the Summer 1983. Adoption of this amendment permits the use of improved methods for inservice inspection and has been elected as the basis for the Inservice Examination Program Plan for Unit 1.

The ISEP complies with the requirements of Section XI of the ASME B&PV Code, 1983 Edition including Addenda through the Summer 1983, hereinafter referred to as Section XI.

Modifications to Section XI requirements include, but are not limited to the following:

- a. Code Case N-235, "Ultrasonic Calibration Checks per Section V, Section XI, Division 1."
- b. Code Case N-356, "Certification Period for Level III NDE Personnel, Section XI, Division 1, 2 and 3."
- c. Code Case N-408-2, "Alternative Rules for Examination of Class 2 Piping, Section XI, Division 1."
- d. Code Case N-416-1, "Alternative Pressure Test Requirements for Welded Repairs or Installation of Replacement Items by Welding, Class 1, 2 and 3, Section XI, Division 1."
- e. Code Case N-429-1, "Alternative Rules for Ultrasonic Instrument Calibration, Section XI, Division 1."
- f. Code Case N-435-1, "Alternative Requirements for Vessels with Wall Thickness 2 in. or less, Section XI, Division 1."
- g. Code Case N-448, "Qualification of VT-2 and VT-3 Visual Examination Personnel, Section XI, Division 1."
- h. Code Case N-457, "Qualification Specimen Notch Location for Ultrasonic Examination of Bolts and Studs, Section XI, Division 1."
- i. Code Case N-460, "Alternative Examination Coverage for Class 1 and Class 2 Welds, Section XI, Division 1."
- j. Code Case N-461, "Alternative Rules for Piping Calibration Block Thickness, Section XI, Division 1."
- k. Code Case N-491, "Alternative Rules for Examinations of Class 1, 2, 3 and MC Component Supports of Light Water Cooled Power Plants, Section XI, Division 1."
- l. Code Case N-498, "Alternative Rules for 10-Year Hydrostatic Pressure Testing for Class 1 and 2 Systems, Section XI, Division 1."
- m. Applicable NUREG's and Regulatory Guides as addressed in Section 1.8 of the USAR and including NUREG-0313, NUREG-0619 and Reg. Guide 1.150.
- n. Requests for Relief from Examination granted by the USNRC.
- o. Augmented Examinations due to site commitments.

The commencement of the initial inspection interval for Unit 1 coincided with the date of commercial operation. Perry Unit 1 was declared as being in commercial operation at 1200 hours on November 18, 1987.

At the completion of the initial inspection interval (120 months following start of commercial operation) the Inservice Examination Program will be updated to the subsequent edition and addenda of the Code as adopted by the regulatory authority.

1.4 Glossary

1.4.1 ANII

A person who is employed and has been qualified by an Authorized Inspection Agency to verify that examinations, tests, and repairs (that do not include welding or brazing) are performed in accordance with the rules and requirements of ASME Section XI.

1.4.2 Component

Denotes items in the plant such as vessels, pumps, valves, piping systems and component supports.

1.4.3 Component Standard Support

A support consisting of one or more generally mass-produced units usually referred to as catalog items.

1.4.4 Component Support

A metal support designed to transmit loads from a component to the load-carrying building or foundation structure. Component supports include piping supports and encompass those structural elements relied upon to either support the weight or provide structural stability to components.

1.4.5 Defect

A flaw (imperfection or unintentional discontinuity) of such size, shape, orientation, location, or properties as to be rejectable.

1.4.6 Discontinuity

A lack of continuity or cohesion; an interruption in the normal physical structure of material or a product.

1.4.7 Examination

Denotes the performance of visual observations and nondestructive testing, such as radiography, ultrasonic, eddy current, liquid penetrant, and magnetic particle methods.

1.4.8 Flaw

An imperfection or unintentional discontinuity that is detectable by nondestructive examination.

1.4.9 Form NIS-1

Owner's Report for Inservice Inspection; it is the certification for Class 1 and Class 2 refueling outage examination results. This form becomes the cover page for the submittal of the ISI Summary Report.

1.4.10 Form NIS-2/NR-1

Owner's Report for Repair and Replacement; it is the certification for proper repair or replacement of components. This form becomes part of the ISI Summary Report.

1.4.11 Imperfection

A condition of being imperfect; a departure of a quality characteristic from its intended condition.

1.4.12 Indication

The response or evidence from the application of nondestructive examination.

1.4.13 Inservice Examination

Examinations performed on components and component parts routinely (periodically) to assure their structural and pressure retaining integrity.

1.4.14 Inservice Examination Summary Report

The report that is prepared at the completion of each refueling outage as specified within ASME Code, Section XI, IWA-6200. This report is to be filed with the enforcement and regulatory authorities within 90 days upon returning to commercial operation (completion of the refueling outage).

1.4.15 Inspection

Denotes verifying the performance of examinations and tests by an inspector representing an Authorized Inspection Agency or a State or Municipality of the United States, Canadian Province, or other enforcement authority having jurisdiction over the nuclear power components at the plant site.

1.4.16 Preservice Examination

Examinations performed on components and component parts to establish initial (baseline) data to assure their structural and pressure retaining integrity and aid in future examination evaluations.

1.4.17 Surface Examination

A surface examination indicates the presence of surface cracks or discontinuities [e.g., magnetic particle (MT) or liquid penetrant (PT)].

1.4.18 Structural Integrity

The capability of a given component or structure to perform its design function (e.g., pressure retention, support of component weight or restriction of motion). Structural integrity is not related to operability of components being tested.

1.4.19 Relevant Condition

A condition observed during a visual examination that requires supplemental examination, corrective measure, repair, replacement, or analytical evaluation.

1.4.20 Visual Examination

A direct or remote observation (with or without optical aids) to determine the condition of a surface, general mechanical and structural conditions, or to confirm functional adequacy. (VT-1, VT-2, VT-3).

VT-1 Visual Examination - conducted to determine the condition of the part, component, or surface examined, including such conditions as cracks, wear, corrosion, erosion, or physical damage on the surfaces of the part or components.

VT-2 Visual Examination - conducted to locate evidence of leakage from pressure retaining components, or abnormal leakage from components with or without leakage collection system as required during the conduct of system pressure or functional test.

VT-3 Visual Examination - conducted to determine the general mechanical and structural condition of components and their supports, such as the verification of clearances, settings, physical displacements, loose or missing parts, debris, corrosion, wear, erosion, or the loss of integrity at bolted or welded connections. Also, the examination shall include conditions that could affect operability or functional adequacy (snubbers and spring type supports).

NOTE: The Inservice Examination Program utilizes the VT-3, definition which incorporates VT-4 requirements, from the 1983 Edition Winter 1984 Addenda of Section XI.

1.4.21 Volumetric Examination

A volumetric examination indicates the presence of discontinuities throughout the volume of material and may be conducted from either the inside or outside surface of a component [e.g., radiographic (RT) or ultrasonic (UT)].

1.5 System Classifications

In order to apply the rules and requirements of Section XI, the systems and components throughout the plant are classified by combining their safety and quality group classifications and applying the guidelines of Regulatory Guide 1.26 and NUREG-0800.

1.5.1 Class 1

The rules of Section XI Article IWB apply to components whose systems are Class 1.

This classification applies to Safety Class 1 and Quality Group A systems located within the reactor coolant pressure boundary and core support structure and whose failure could result in a loss of reactor coolant.

1.5.2 Class 2

The rules of Section XI Article IWC, with Code Case N-408, apply to components whose systems are Class 2.

This classification applies to Safety Class 2 and Quality Group B structures, systems and components, other than cooling water systems, that are not safety Class 1 but are necessary to accomplish the following functions:

1. Insert negative reactivity to shutdown the reactor.
2. Prevent rapid insertion of positive reactivity.
3. Maintain core geometry appropriate to all plant process conditions.
4. Provide emergency core cooling.
5. Provide and maintain containment integrity.
6. Remove residual heat from the reactor.
7. Store spent fuel.

NOTE: Piping connections having a NPS 3/4 inch or smaller, that are part of the reactor coolant pressure boundary, are also Class 2.

1.5.3 Class 3

The rules of Section XI Article IWD apply to components whose systems are Class 3.

This classification applies to Safety Class 3 and Quality Group C systems and components which contain water, steam, and radioactive waste, and are not Class 1 or Class 2, but accomplish the following functions:

1. Process radioactive waste whose failure would result in release to the environment of gas, liquid, or solids resulting in a single dose greater than the limits specified in 10CFR100.
2. Provide or support any safety system function.
3. Remove decay heat from spent fuel.

1.5.4 Supports

The rules of Section XI Article IWF, with Code Case N-491, apply to components supports whose systems are Class 1, 2, 3 or Augmented.

1.5.5 Augmented

Augmented items are those which are subject to examination requirements as the result of Perry commitments to various documents, e.g., NUREG's, Regulatory Guides, SIL's, etc. Augmented items can have any code classification.

1.6 Examination Methods

1.6.1 Basic Examination Methods

Perry will employ three basic types of examinations for inservice examination purposes. They are visual, surface and volumetric. The specific examination method to be used is listed within each inservice examination table.

Where surface preparation is required, a mechanical method may be employed. Such surfaces shall be prepared by removing loose scale and debris and any other foreign item that may mask indications. Care shall be taken so as not to reduce the wall thickness during this process.

1.6.2 Visual Examinations, VT-1

This method is used to determine the condition of the part, component, or surface, for conditions such as wear, cracks, corrosion, erosion, or physical damage of the part.

The VT-1 examination method can be performed directly when access is sufficient to place the eye within 24 inches and at an angle not less than 30 degrees to the surface. Mirrors can be used to supplement angle of vision. Remote visual examinations using optical aids, binoculars or cameras may be substituted for direct examination. The Perry Level III will be responsible for determination of the most effective method.

1.6.3 Visual Examination, VT-2

This method is used to locate and quantify leakage from pressure retaining components with or without leakage collection systems.

1.6.4 Visual Examination, VT-3

PNPP uses the VT-3 description as amended in the Winter 1984 Addenda to Section XI. The Winter 1984 Addenda combines descriptions for VT-3 and VT-4 into one, "IWA-2218 Visual Examination VT-3."

This method is used to determine the general mechanical and structural condition of components and their supports.

The VT-3 examination includes examinations for conditions that could affect operability or functional adequacy of the component.

A VT-3 examination may be performed remotely with or without optical aids to verify the structural integrity of the component.

1.6.5 Surface Examination

A surface examination is conducted to determine the presence of surface cracks or discontinuities in a component.

It may be conducted by either magnetic particle or liquid penetrant methods in accordance with Articles 7 and 6 of Section V respectively. These two methods can be inter-changeable where applicable.

1.6.6 Volumetric Examination

A volumetric examination is used to determine the presence of discontinuities throughout the volume of material and may be conducted from the inside or the outside surface of a component. The examination methods used can be radiography in accordance with Article 2 of Section V or ultrasonic in accordance with IWA-2232 of Section XI.

In addition to the basic Section XI ultrasonic examination, welds which fall under the scope of GL 88-01, other than corrosion resistant clad (CRC) welds, shall be examined using detailed procedures, techniques, and equipment qualified in accordance with the NDE Coordination Plan agreed upon by NRC, EPRI, and the Boiling Water Reactor Owners Group for IGSCC Research. CRC welds will be examined by an augmented technique developed specifically for their unique weld configuration. CEI Commitment: L01551.

1.6.7 Alternate Examination

Alternate examination methods may be used as substitutes providing the ANII is satisfied that the results are demonstrated to be equivalent or superior to the specified method.

1.7 Instructions and Procedures

Implementation of inservice examinations require two types of procedures. The implementing procedure is an instruction labeled as an Inservice Inspection Instruction (ISI). The performance procedure is a nondestructive examination (NDE) for the specific method.

1.7.1 Inservice Inspection Instructions

This instruction permits tracking, scheduling, and documenting the performance of examinations. Instructions are not used to perform work or change plant equipment operating status. The instructions will be used to route (by Attachment) the refueling outage examination plans and the Inservice Inspection Summary Report for proper documentation storage.

1.7.2 Non-Destructive Examinations

NDE procedures are issued to perform a specific NDE method using a defined technique. These procedures shall not perform work or effect plant equipment status. NDE procedures must be acceptable to the Perry Level III Examiner and the Authorized Nuclear Inservice Inspector (ANII). Site NDE procedures are written, maintained, and reviewed by the Perry Nuclear Assurance Department. Code Cases N-235, N-429-1, N-435-1, N-457 and N-461 are incorporated into the appropriate procedures. All Reactor Pressure Vessel shell and nozzle to shell welds will be examined with procedures which meet the requirements of Reg. Guide 1.150. CEI Commitment: L00233.

Appropriate vendor NDE procedures are reviewed and accepted as Perry procedures prior to utilization on site. Vendor procedures should be of a temporary nature and be in effect for the duration of the refueling outage.

1.8 Personnel Qualifications

Personnel performing nondestructive examinations shall be qualified and certified in accordance with IWA-2300 of ASME XI using Perry procedures or an approved vendor's program. Code Cases N-356 and N-448 are utilized in personnel qualifications.

In addition, personnel performing ultrasonic examinations on welds which fall under the scope of GL 88-01 shall be qualified in accordance with the NDE Coordination Plan agreed upon by NRC, EPRI, and the Boiling Water Reactors Owners Group for IGSCC Research. CEI Commitment: L01551.

1.9 Evaluation Criteria (Characterization Process and Disposition)

Indications detected during inservice examinations, will be evaluated by applying the rules of Section XI.

1.9.1 Evaluation

Acceptance standards for a particular component, Examination Category, or examination method not specified in Section XI, shall be evaluated per the acceptance standards specified in the Section III edition applicable to the construction of the component to determine disposition. Such disposition will be subject to review by the enforcement authority at the site.

All observed or calculated dimension values of a component thickness and of flaws detected by nondestructive examinations shall be compared to the evaluation standard listed in Section XI.

1.9.2 Flaw Characterization

Flaws detected by the performance of nondestructive examinations shall be sized by the bounding rectangle or square for the purpose of description and dimensioning.

1. The length 'l' of the rectangle or one side of the square shall be drawn parallel to the inside pressure retaining surface of the component.
2. The depth of the rectangle or one side of the square shall be drawn normal to the inside pressure retaining surface of the component and shall be denoted as 'a' for a surface flaw and '2a' for a subsurface flaw.
3. The aspect ratio of a flaw is defined by a/l . The flaw aspect ratio should not exceed 0.5.

A listing of flaw characterizations as provided in Section XI are as follows:

1. Surface Planar Flaws
2. Subsurface Planar Flaws
3. Multiple Planar Flaws
4. Nonplanar Flaws
5. Parallel Planar Flaws
6. Laminar Flaws
7. Linear Flaws (Detected by surface or volumetric examinations)
8. Multiple Nonaligned Coplanar Flaws
9. Multiple Aligned Separate Flaws

1.9.3

Indication Characterization Process

The indication characterization process includes identification, evaluation and disposition.

Indications are identified by the application of a nondestructive examination. These indications may be a result of a discontinuity within a component. Recordable indications identified during the course of a nondestructive examination shall be evaluated by an NDE Level III in the discipline which revealed the initial indication.

Indications identified as an imperfection or unintentional discontinuity are classified as flaws.

Flaws are also characterized to determine their geometry. Preservice examination results should be utilized, as applicable, in the determination of the flaw's geometrical characteristics.

The geometrical characteristics of the flaw shall be compared to the Section XI acceptance standards.

Flaws equal to or less than the standards are acceptable with no further action required. Flaws greater than the standards are considered as defects and must undergo further evaluation and disposition.

Defect evaluation and disposition processes are controlled by the issuance of a nonconformance report against the defective component.

1.9.4

Defect Disposition

Rejectable Flaws

Defects are flaw indications whose characteristics are such that they are rejectable in accordance with the acceptance standards listed in Section XI. A rejectable flaw places the item's structural or pressure retaining integrity in question. Appropriate actions must be initiated to ensure the safe operation of the plant.

1.9.5

Potential Issue Forms

Defects shall be tracked and resolved by generating a Potential Issue Form against the component with the defect. A Potential Issue Form initiates the appropriate action through Perry Operations Section for evaluation of technical specifications [i.e., T/S 3.4.8 {ORMTR 6.3.2.1}] for LCO applicability.

Potential Issue Forms issued against defects are routed to the Design Engineering Section (DES) for disposition. DES shall determine if the defect is "acceptable for continued service" (i.e., utilizing analytical/fracture mechanics evaluation techniques per IWB-3600) or rejectable and disposition in accordance with Perry's Corrective Action Program procedure, PAP-1608.

1.9.6 Use As Is

Defects considered acceptable shall be labeled as "Acceptable for Continued Service" and monitored by scheduling successive examinations for monitoring further growth or degradation.

1.9.7 Rejectable Defects

Rejectable defects shall be repaired, replaced or removed following the requirements of the Repair/Replacement Program (NR&R Manual). A replacement PSI shall be performed on the repaired area which includes the examination method that originally detected the defect.

1.10 Repair Cycle

A repair as implemented by Section XI may include welding or grinding on a component to correct a defect. Repair examinations should assist in satisfying the requirements essential to Section XI, Repair Procedures. Weld preparation methods are outside the scope of a repair.

1.10.1 NR&R Manual

Repair cycle examination requirements, as governed by the NR&R Manual, shall include: the examination method that revealed the flaw, description of the flaw, method of measurement of cavity created, and method of dimensional reference point measurements before and after repair.

1.10.2 Integrity

Upon completion of the repair and associated examinations, the structural and pressure retaining integrity of the item is assured. Repair examination requirements, with the exception of pressure testing, are governed by the OWNER's design specification and construction code.

1.10.3 Re-Establishing PSI

Prior to returning the component to service, the pre-service examination requirements shall be completed if not performed under the repair examinations.

1.11 Replacement Cycle

A replacement as implemented by Section XI may include a spare or renewal component, appurtenances, subassemblies, components or systems procured for installation in a nuclear power plant. Replacement includes the addition of component or system changes such as rerouting piping.

1.11.1 NR&R Manual

Replacement parts and components, as governed by the NR&R Manual, shall meet all the requirements of fabrication and construction code.

OWNER fabricated components shall also meet the OWNER's design specification and construction code thus satisfying examination requirements.

1.11.2 Re-Establishing PSI

Prior to returning the component to service, the preservice examination requirements should be completed if not included in the replacement examinations.

1.12 Scheduling Criteria

1.12.1 Categories

Numerous components are subject to examination and testing during the inspection interval. The methods of examination for components and parts of pressure retaining boundaries comply with the requirements delineated in Section XI. Section XI uses categories to determine the examination requirements for each component. Each category is subdivided into item numbers for ease in determining the extent of examination. Class 1, 2, 3, and component supports are listed for examination in accordance with their proper examination category. Components and supports identified as "AUGMENTED" within this document are listed for examination in accordance with their specific commitments and are generally identified with an item number such as X0.1, X0.2, X0.3, etc.

1.12.2 Inspection Plans and Schedules

The initial inspection plan is prepared to address systems and components subject to examination during the inspection interval. The inspection plan lists an implementation schedule based on percentage requirements delineated in ASME Section XI.

The Unit 1 inspection program and schedule for systems, components and supports follow the requirements of ASME Section XI, Inspection Program B.

Inspection Program B permits the inspection interval to be increased or decreased by as much as one year. If the plant is out of service continuously for a period of 6 months or more, the inspection interval may be extended for a period equivalent to the outage.

With the exception of the examinations that may be deferred until the end of the inspection interval, the required examinations shall be completed during each successive inspection interval.

1.12.3 Components Subject to Examination

Components identified within this document are subject to the examination requirements delineated in ASME Section XI.

These components include items classified as ASME Class 1, 2, 3 and Augmented; such as vessels, piping systems, pumps, valves, and core support structures and storage tanks, including their respective supports. The selection of components for the ISEP is subject to review by the regulatory (NRC) and enforcement authorities (State of Ohio).

The Inservice Examination Program utilizes manually and computer generated refueling outage plans to identify components requiring examination during each specific outage. These items are selected by the Lead ISI Engineer and approved by the Systems Engineering Section Manager.

1.12.4 Code Requirements

Scheduling examinations for the Inservice Examination Program is based upon the percentage requirements of ASME Section XI.

1.12.5 Inspection Intervals

The duration of each inspection interval is 10 years or 120 months. The inspection interval is divided into three periods. The inspection periods are used for determination of component examination percentage criteria.

1.12.6 Outages

The examinations are scheduled to coincide with the plant's refueling outages. A standard refueling outage is tentatively scheduled to occur at the end of a fuel cycle which is approximately 18 months in duration. A grace period of plus or minus one year is granted by ASME Section XI so that the inservice examinations can correspond with refueling outages.

With refueling outages scheduled at 18 month intervals and an estimated duration of 60 days for each refueling outage, six refueling outages are estimated to occur during the first inspection interval. The ISEP divides the examination schedule into outage plans by examination period in order to calculate percentages and meet Program B requirements.

1.12.7 Percentages

With the exception of the examinations that may be deferred until the end of the inspection interval, the required examinations will be completed during the inspection interval in accordance with the percentage table listed below:

Calendar Months of Plant Service	Minimum Examinations Completed, Percentage	Maximum Examinations Credited, Percentage
0-36	16	34
37-84	50	67
85-120	100	100

1.13 Reporting (ISI Summary Reports and Relief Requests)

1.13.1 ISI Summary Report

Within 90 days of the return to commercial operation following a refueling outage, a summary report for Class 1 and 2 pressure retaining components and their supports shall be filed with the enforcement and regulatory authorities.

The ISI summary report consists of the NIS-1 Form, supplemental listing of refueling outage examinations performed, and applicable NIS-2/NR-1 Forms.

1.13.2 Relief Requests

Where compliance to Section XI requirements, including Code Case N-460, is not practical, a formal application will be submitted to the Nuclear Regulatory Commission (NRC) (i.e., submittal of information to support determinations) requesting relief from the examination requirements be granted per 10CFR50.55a(g)(5)(iii). The NRC will evaluate determinations of noncompliance and either grant relief or impose alternative requirements per 10CFR50.55a(g)(6)(i). Any new or updated relief requests will be submitted to the NRC. A copy of the latest revision of relief requests will be maintained within this document.

2.0 IWB (CLASS 1) EXAMINATIONS

Class 1 examination categories are identifiable by a 'B' as the first assigned letter and are as follows:

Examination Category	Examination Area (Examination Method)
B-A	Pressure Retaining Welds in Reactor Vessels (VOL. SUR.)
B-B	Pressure Retaining Welds in Vessels other than Reactor Vessels (NOT APPLICABLE TO PERRY)
B-D	Full Penetration Welds of Nozzles in Vessels (Inspection Program B) (VOL.)
B-E	Pressure Retaining Partial Penetration Welds in Vessels (VT-2)
B-F	Pressure Retaining Dissimilar Metal Welds (VOL., SUR.)
B-G-1	Pressure Retaining Bolting Greater Than 2 Inches in Diameter (VOL., SUR., VT-1)
B-G-2	Pressure Retaining Bolting 2 Inches and Less in Diameter (VT-1)
B-H	Integral Attachments for Vessels (VOL. or SUR.)
B-J	Pressure Retaining Welds in Piping (VOL., SUR.)
B-K-1	Integral Attachments for Piping, Pumps and Valves (VOL. or SUR.)
B-L-1	Pressure Retaining Welds in Pump Casings (NOT APPLICABLE TO Perry)
B-L-2	Pump Casing (VT-3)
B-M-1	Pressure Retaining Welds in Valve Bodies (VOL. or SUR.)
B-M-2	Valve Bodies (VT-3)
B-N-1	Interior of Reactor Vessel (VT-3)
B-N-2	Integral Welded Core Support Structures and Interior Attachments to Reactor Vessel (VT-1 or VT-3)
B-N-3	Removable Core Support Structures (VT-3)
B-O	Pressure Retaining Welds in Control Rod Housings (VOL. or SUR.)
B-P (Note 1)	All Pressure Retaining Components (VT-2)
B-Q	Steam Generator Tubing (NOT APPLICABLE TO PNPP)

Note 1: Includes the use of Code Cases N-416-1 and N-498.

2.1 Exemptions

Per the provisions of Section XI, components may be exempted from specific examination requirements of the Inservice Examination Program Plan providing that they are within the exemption criteria. Listed below are the exemptions applicable to the ISEP with the exception of IWB-1220(a). The phrase in IWB-1220(a), "under normal plant operating conditions" is meant to exclude all ECCS systems. The Perry Unit 1 normal makeup systems are the Control Rod Drive (C11), and the Feedwater/Condensate Transfer systems (N27/N21/P11). These systems are not operable from on-site emergency power and are therefore not exempt from the ISEP.

The following components are exempted from volumetric and surface examination requirements.

1. Components connected to the reactor coolant system and part of the reactor coolant pressure boundary that are of such size and shape so that upon postulated rupture the resulting flow of coolant from the reactor coolant system under normal plant operating conditions is within the capacity of makeup systems which are operable from on-site emergency power [IWB-1220(a)].
2. Piping of 1 inch nominal pipe size and smaller [IWB-1220(b)(1)].
3. Components and their connections in piping of 1 inch nominal pipe size and smaller [IWB-1220(b)(2)].
4. Reactor vessel head connections and associated piping, 2 inches nominal pipe size and smaller, made inaccessible by control rod drive penetrations [IWB-1220(c)].

2.2 Examination Selection Process

For Examination Categories B-G-1, B-H, B-J, B-K-1, B-L-2, B-M-1 and B-M-2, ASME Section XI delineates criteria which are applied in selecting the components (or areas) to be examined.

2.2.1 B-G-1, Pressure Retaining Bolting Greater Than 2 Inches in Diameter

The criteria for selecting the bolting to be examined is:

1. for heat exchangers, piping, pumps, and valves, examinations are limited to bolts and studs on components selected for examination under examination categories B-B, B-J, B-L-1, and B-M-1.

2.2.2 B-H, Integral Attachments for Vessels

The criteria for selecting the integral attachments to be examined are:

1. the attachment is on the outside surface of the component and provides component support as defined in NF-1110;
2. the attachment base material design thickness is 5/8" or greater;
3. the attachment weld joins the attachment either directly to the surface of the vessel or to an integrally cast or forged attachment to the vessel.

2.2.3 B-J, Pressure Retaining Welds in Piping

The criteria for selecting the piping welds to be examined include, but are not limited to the following:

1. terminal ends in piping connected to the vessel;
2. terminal ends in piping connected to other components where stress levels exceed the following limits under loads associated with specific seismic events and operational conditions:
 - a. Primary plus secondary stress intensity range of 2.4 Sm;
 - b. Cumulative usage factor (U) of 0.4;
3. dissimilar metal welds;
4. additional circumferential piping welds such that the total equals 25% of the total number in the system which are not excluded by Section XI, IWB-1220;
5. longitudinal welds intersecting circumferential welds selected for examination.

NOTE: Terminal ends are the extremities of piping runs that connect to structures, components, or pipe anchors, each of which acts as a rigid restraint or provides at least two degrees of restraint to piping thermal expansion.

The selection criteria is applied individually to the Code item numbers as referenced below:

1. Code Item Number: B9.11
Circumferential welds for piping NPS ≥ 4 inches.
2. Code Item Number: B9.12
Longitudinal welds for piping NPS ≥ 4 inches.
3. Code Item Number: B9.21
Circumferential welds for piping NPS < 4 inches.
4. Code Item Number: B9.22
Longitudinal welds for piping NPS < 4 inches.
5. Code Item Number: B9.31
Branch piping connection welds for piping NPS ≥ 4 inches.
6. Code Item Number: B9.32
Branch piping connection welds for piping NPS < 4 inches.
7. Code Item Number: B9.40
Socket welds.

2.2.4 B-K-1, Integral Attachments for Piping, Pumps, and Valves

The criteria for selecting the integral attachments to be examined are:

1. the attachment is on the outside surface of the component and provides component support as defined in NF-1110;
2. the attachment base material design thickness is 5/8" or greater;
3. the attachment weld joins the attachment either directly to the surface of the component or to an integrally cast or forged attachment to the component;
4. only the attachments of piping required to be examined by Examination Category B-J and the welded attachments to associated pumps and valves, integral to such piping.

2.2.5 B-L-2, Pump Casings

The criteria for selecting the pump casings to be examined is:

1. examinations are limited to at least one pump in each group of pumps performing similar functions in the system (see Table 2.2.5-1 below):

Table 2.2.5-1 Class 1 Pumps

<u>SYSTEM</u>	<u>PUMP ID</u>	<u>MANUFACTURER</u>
Reactor Recirculation	B33-C001A *	Byron Jackson
Reactor Recirculation	B33-C001B *	Byron Jackson

* Similar design, size, function, and service

2.2.6 B-M-1, Pressure Retaining Welds in Valve Bodies, and B-M-2, Valve Bodies

The criteria for selecting the valves to be examined are:

1. examinations are limited to one valve within each group of valves that are of the same construction design and manufacturing method, and that perform similar functions in the system (see Table 2.2.6-1 below):
2. internal surface examinations, for valves with welded bodies, may be performed on the same valves selected for volumetric examination of the welds.

Table 2.2.6-1 Class 1 Valve Groupings

GROUPING NUMBER	MANUFACTURING METHOD	VALVE DESIGN	PIPING SYSTEM	FUNCTION	WELDED BODY YES NO	VALVE ID NUMBER
I	CAST	SAFETY RELIEF VALVES	NUCLEAR BOILER SYSTEM (B21)	SAFETY RELIEF	NO	B21-F041A
				SAFETY RELIEF	NO	B21-F041B
				SAFETY RELIEF	NO	B21-F041C
				SAFETY RELIEF	NO	B21-F041D
				SAFETY RELIEF	NO	B21-F041E
				SAFETY RELIEF	NO	B21-F041F
				SAFETY RELIEF	NO	B21-F041G
				SAFETY RELIEF	NO	B21-F041K
				SAFETY RELIEF	NO	B21-F047B
				SAFETY RELIEF	NO	B21-F047C
				SAFETY RELIEF	NO	B21-F047D
				SAFETY RELIEF	NO	B21-F047F
				SAFETY RELIEF	NO	B21-F047G
				SAFETY RELIEF	NO	B21-F047H
				SAFETY RELIEF	NO	B21-F051A
				SAFETY RELIEF	NO	B21-F051B
				SAFETY RELIEF	NO	B21-F051C
				SAFETY RELIEF	NO	B21-F051D
				SAFETY RELIEF	NO	B21-F051G
II	CAST	GLOBE	NUCLEAR BOILER SYSTEM (B21)	ISOLATION	NO	B21-F022A
				ISOLATION	NO	B21-F022B
				ISOLATION	NO	B21-F022C
				ISOLATION	NO	B21-F022D
				ISOLATION	NO	B21-F028A
				ISOLATION	NO	B21-F028B
				ISOLATION	NO	B21-F028C
				ISOLATION	NO	B21-F028D
III	CAST	CHECK	FEEDWATER (N27)	ISOLATION	NO	B21-F032A
				ISOLATION	NO	B21-F032B
				ISOLATION	NO	N27-F559A
				ISOLATION	NO	N27-F559B

Table 2.2.6-1 Class 1 Valve Groupings (Cont.)

GROUPING NUMBER	MANUFACTURING METHOD	VALVE DESIGN	PIPING SYSTEM	FUNCTION	WELDED BODY YES NO	VALVE ID NUMBER
IV	CAST	GATE	FEEDWATER (N27)	MAINTENANCE	NO	N27-F560A
				MAINTENANCE	NO	N27-F560B
V	CAST	GATE	REACTOR RECIRCULATION	MAINTENANCE	NO	B33-F023A
				MAINTENANCE	NO	B33-F023B
VI	CAST	BALL	REACTOR RECIRCULATION	FLOW CONTROL	NO	B33-F060A
				FLOW CONTROL	NO	B33-F060B
VII	CAST	GATE	REACTOR RECIRCULATION	MAINTENANCE	NO	B33-F067A
				MAINTENANCE	NO	B33-F067B
VIII	FORGED	GATE	REACTOR WATER CLEAN UP SYSTEM	ISOLATION	YES	G33-F001
				ISOLATION	YES	G33-F004
IX	FORGED	GATE	REACTOR WATER CLEAN UP SYSTEM	ISOLATION	YES	G33-F100
				ISOLATION	YES	G33-F106
X	FORGED	GATE	REACTOR WATER CLEAN UP SYSTEM	ISOLATION	YES	G33-F101
XI	CAST	GATE	RESIDUAL HEAT REMOVAL	ISOLATION	NO	E12-F008
				ISOLATION	NO	E12-F009
				MAINTENANCE	NO	E12-F010
XII	FORGED	GATE	RESIDUAL HEAT REMOVAL	ISOLATION	YES	E12-F039A
				ISOLATION	YES	E12-F039B
				ISOLATION	YES	E12-F039C
				ISOLATION	YES	E12-F042A
				ISOLATION	YES	E12-F042B
				ISOLATION	YES	E12-F042C
XIII	CAST	CHECK	RESIDUAL HEAT REMOVAL	ISOLATION	NO	E12-F041A
				ISOLATION	NO	E12-F041B
				ISOLATION	NO	E12-F041C

Table 2.2.6-1 Class 1 Valve Groupings (Cont.)

GROUPING NUMBER	MANUFACTURING METHOD	VALVE DESIGN	PIPING SYSTEM	FUNCTION	WELDED YES	BODY NO	VALVE ID NUMBER
XIV	FORGED	CHECK	RESIDUAL HEAT REMOVAL	ISOLATION	YES		E12-F019
XV	CAST	GLOBE	RESIDUAL HEAT REMOVAL	ISOLATION		NO	E12-F023
XVI	FORGED	GATE	LOW PRESSURE CORE SPRAY	ISOLATION MAINTENANCE	YES YES		E21-F005 E21-F007
XVII	CAST	CHECK	LOW PRESSURE CORE SPRAY	ISOLATION		NO	E21-F006
XVIII	FORGED	GATE	HIGH PRESSURE CORE SPRAY	MAINTENANCE	YES		E22-F036
XIX	CAST	GATE	HIGH PRESSURE CORE SPRAY	ISOLATION		NO	E22-F004
XX	CAST	GATE	HIGH PRESSURE CORE SPRAY	ISOLATION		NO	E22-F005
XXI	FORGED	GATE	REACTOR CORE ISOLATION COOLING	ISOLATION	YES		E51-F013
XXII	FORGED	GATE	REACTOR CORE ISOLATION COOLING	ISOLATION	YES YES		E51-F063 E51-F064
XXIII	CAST	CHECK	REACTOR CORE ISOLATION COOLING	ISOLATION ISOLATION		NO NO	E51-F065 E51-F066

2.3 Additional Examinations

Examinations performed during an inspection (outage) which reveals indications exceeding acceptance standards will be extended to include additional components within the same examination category, approximately equal to the number of components examined initially during the inspection period.

Additional examinations which reveal a defect require the performance of the remaining interval scheduled examinations for similar components within the examination category. Additional criteria include:

1. Where examinations were limited to one loop or branch run of a similar configuration the additional examinations shall be extended to the second loop or branch run and approximately equal to the number of components initially examined.
2. If the additional examinations of the second loop or branch run reveals a defect the remaining number of loops or branch runs, performing a similar function, shall also be examined.

2.4 Successive Examinations

Successive examinations are performed on components reported as having flaws or relevant conditions and are evaluated as acceptable for continued service. These examinations will be scheduled per Section XI as follows:

Components having flaw indications evaluated as acceptable for continued service, will be scheduled for re-examination during the next three inspection periods.

Flaw indications which remain essentially unchanged for three successive inspection periods will revert to the original schedule of successive inspections.

2.5 Relief Requests

When compliance to Code examination requirements is not achievable, relief from examinations is requested. Inservice Relief Requests (IR) which have been filed with the NRC for components subject to the examination requirements of ASME Section XI, Article IWB are:

IR No.

IR-001 R-1	IR-007 R-0
IR-002 R-0	IR-008 R-0
IR-003 R-0	IR-009 R-0
IR-004 R-1	IR-016 - (Deleted)
IR-005 R-0	IR-017 - (Deleted)
IR-006 R-0	IR-018 R-1
	IR-024 R-0
	IR-025 R-0

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RELIEF REQUEST #IR-001, Rev. 1

I. Identification of Components

System: Reactor Pressure Vessel, Class I

A. Category: B-A, Pressure Retaining Welds

Component Description: (See attached table for component identification numbers)

1. Head welds (Item No. B1.21, B1.22)
2. Head to flange (Item No. B1.40)

B. Category: B-D, Full Penetration Welds of Nozzles in Vessels

Component Description: (See attached table for component identification numbers)

1. Nozzle to shell welds (Item No. B3.90)
2. Nozzle inside radius section (Item No. B3.100)

C. Category: B-F, Pressure Retaining Dissimilar Metal Welds

Component Description: (See attached table for component identification numbers)

1. Nozzle to safe end welds (Item No. B5.10)

II. ASME B&PV Section XI Requirements

ASME Code requires 100% volumetric examination of welds and required volume.

III. Relief Requested

Relief requested from 100% volumetric examination (See attached table for percent completion of each specific component) at the first and subsequent examinations as scheduled in Section 2.6 of the ISEP.

IV. Basis for Relief

The structural integrity of the reactor pressure vessel welds was demonstrated during construction by meeting the requirements of the ASME Code Section III, and additionally by meeting the requirements of ASME Section XI during preservice inspections. All welds were examined in

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accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines. The Perry Unit 1 reactor vessel had no reportable indications from preservice inspection results.

The pressure boundary passed the required hydrostatic test; following startup testing the plant has operated between 60% and 70% capacity factor for a total of about 1,106 equivalent full power days between November 1987 and March 1992, without detectable pressure boundary leakage.

Complete examinations meeting the requirements of the ASME Code Section XI will continue to be performed on welds of similar configurations utilizing similar weld techniques, procedures and materials. The inspected welds are subject to the same operating and environmental conditions as the partially examined or unexamined welds.

It is, therefore, reasonable to apply the results from examined welds to the partially examined welds in the attached table.

In addition, catastrophic reactor vessel failure is precluded by avoiding nil ductile temperatures at significant stress levels according to the design, surveillance and operating provisions described in the Perry USAR Sections 5.3.1 and 5.3.2 and the Technical Specifications 3/4.4.6 (3.4.11).

In summary, because of initial vessel condition free of reportable indications, successful code hydrotest and operating experience without leakage indications, the capability to examine most vessel welds on a continuing basis, the capability to detect pressure boundary leakage, and protections against brittle reactor vessel failure, it is concluded that there is no significant impact on the overall level of plant quality and safety.

See the attached table for specific causes of NDE limitation for each component.

V. Alternate Examination

None

SYSTEM: Reactor Pressure Vessel

ITEM NO.	WELD I.D.	DESCRIPTION	CODE CATEGORY	% COMPLETE		
				<u>⊥</u>	<u>//</u>	
B3.90	1-B13-N1A-KA	N1 NOZZLE TO SHELL WELD WELD	BD	89	46	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY AND MECHANICAL LIMITS OF SCANNER.
B3.100	1-B13-N1A-IR	N1 NOZZLE INNER RADIUS AREA	BD	92	N/A	SHELL SIDE EXAMINATION LIMITED BY TAPER BETWEEN SHELL #1 AND SHELL #2.
B3.90	1-B13-N1B-KA	N1 NOZZLE TO SHELL WELD	BD	83	10	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY AND MECHANICAL LIMITS OF SCANNER.
B3.100	1-B13-N1B-IR	N1 NOZZLE INNER RADIUS AREA	BD	92	N/A	SHELL SIDE EXAMINATION LIMITED BY TAPER BETWEEN SHELL #1 AND SHELL #2.
B3.90	1-B13-N2A-KA	N2 NOZZLE TO SHELL WELD	BD	65	36	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY BIOWALL DOORS AND MECHANICAL LIMITS OF SCANNER.
B3.100	1-B13-N2A-IR	N2 NOZZLE INNER RADIUS AREA	BD	88	N/A	SHELL SIDE EXAMINATION LIMITED BY TAPER BETWEEN SHELL #1 AND SHELL #2.
B5.10	1-B13-N2A-KB	N2 NOZZLE TO SAFE END WELD	BF	55	75	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY AND PERMANENT VESSEL TRACK AT 20° AZ.
B3.90	1-B13-N2B-KA	N2 NOZZLE TO SHELL WELD	BD	86	49	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY AND MECHANICAL LIMITS OF SCANNER.
B3.100	1-B13-N2B-IR	N2 NOZZLE INNER RADIUS AREA	BD	88	N/A	SHELL SIDE EXAMINATION LIMITED BY TAPER BETWEEN SHELL #1 AND SHELL #2.
B5.10	1-B13-N2B-KB	N2 NOZZLE TO SAFE END WELD	BF	74	87	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY AND OD WELD CONTOUR.

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* PERPENDICULAR WELD EXAMINATION LIMITED TO ONE DIRECTION TOWARD NOZZLE CENTERLINE.

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ITEM NO.	WELD I.D.	DESCRIPTION	CODE CATEGORY	% COMPLETE		
				<u>1</u>	<u>//</u>	
B3.90	1-B13-N2C-KA	N2 NOZZLE TO SHELL WELD	BD	86	74	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY, N9 JET PUMP INSTRUMENTATION NOZZLE AND MECHANICAL LIMITS OF SCANNER.
B3.100	1-B13-N2C-IR	N2 NOZZLE INNER RADIUS AREA	BD	86	N/A	SHELL SIDE EXAMINATION LIMITED BY TAPER BETWEEN SHELL #1 AND SHELL #2 AND N9 JET PUMP INSTRUMENTATION NOZZLE.
B5.10	1-B13-N2C-KB	N2 NOZZLE TO SAFE END WELD	BF	22	75	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY AND OD WELD CONTOUR.
B3.90	1-B13-N2D-KA	N2 NOZZLE TO SHELL WELD	BD	74	46	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY, N9 JET PUMP INSTRUMENTATION NOZZLE, PERMANENT VESSEL TRACKS AT 110° AND 135° AZ., AND MECHANICAL LIMITS OF SCANNER.
B3.100	1-B13-N2D-IR	N2 NOZZLE INNER RADIUS AREA	BD	86	N/A	SHELL SIDE EXAMINATION LIMITED BY TAPER BETWEEN SHELL #1 AND SHELL #2 AND N9 JET PUMP INSTRUMENTATION NOZZLE.
B5.10	1-B13-N2D-KB	N2 NOZZLE TO SAFE END WELD	BF	47	100	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY AND OD WELD CONTOUR
B3.90	1-B13-N2E-KA	N2 NOZZLE TO SHELL WELD	BD	73	67	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY, PERMANENT VESSEL TRACK OF 135° AZ., AND MECHANICAL LIMITS OF SCANNER.
B3.100	1-B13-N2E-IR	N2 NOZZLE INNER RADIUS AREA	BD	88	N/A	SHELL SIDE EXAMINATION LIMITED BY TAPER BETWEEN SHELL #1 AND SHELL #2.

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* PERPENDICULAR WELD EXAMINATION LIMITED TO ONE DIRECTION TOWARD NOZZLE CENTERLINE.

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SYSTEM: Reactor Pressure Vessel

ITEM NO.	WELD I.D.	DESCRIPTION	CODE CATEGORY	% COMPLETE		
				<u>⊥</u>	<u>//</u>	
B5.10	1-B13-N2E-KB	N2 NOZZLE TO SAFE END WELD	BF	75	88	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B3.90	1-B13-N2F-KA	N2 NOZZLE TO SHELL WELD	BD	87	37	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY, PERMANENT VESSEL TRACK AT 200° ±2°, AND MECHANICAL LIMITS OF SCANNER.
B3.100	1-B13-N2F-IR	N2 NOZZLE INNER RADIUS AREA	BD	88	N/A	SHELL SIDE EXAMINATION LIMITED BY TAPER BETWEEN SHELL #1 AND SHELL #2.
B5.10	1-B13-N2F-KB	N2 NOZZLE TO SAFE END WELD	BF	12	85	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY AND OD WELD CONTOUR.
B3.90	1-B13-N2G-KA	N2 NOZZLE TO SHELL WELD	BD	83	37	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY AND MECHANICAL LIMITS OF SCANNER.
B3.100	1-B13-N2G-IR	N2 NOZZLE INNER RADIUS AREA	BD	88	N/A	SHELL SIDE EXAMINATION LIMITED BY TAPER BETWEEN SHELL #1 AND SHELL #2.
B5.10	1-B13-N2G-KB	N2 NOZZLE TO SAFE END WELD	BF	24	97	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY AND OD WELD CONTOUR.
B3.90	1-B13-N2H-KA	N2 NOZZLE TO SHELL WELD	BD	89	37	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY, N9 JET PUMP INSTRUMENTATION NOZZLE AND MECHANICAL LIMITS OF SCANNER.
B3.100	1-B13-N2H-IR	N2 NOZZLE INNER RADIUS AREA	BD	86	N/A	SHELL SIDE EXAMINATION LIMITED BY TAPER BETWEEN SHELL #1 AND SHELL #2 AND JET PUMP INSTRUMENTA- TION NOZZLE.

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* PERPENDICULAR WELD EXAMINATION LIMITED TO ONE DIRECTION TOWARD NOZZLE CENTERLINE.

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SYSTEM: Reactor Pressure Vessel

ITEM NO.	WELD I.D.	DESCRIPTION	CODE CATEGORY	% COMPLETE		
				<u>⊥</u>	<u>//</u>	
B5.10	1-B13-N2H-KB	N2 NOZZLE TO SAFE END WELD	BF	57	97	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY AND OD WELD CONTOUR.
B3.90	1-B13-N2J-KA	N2 NOZZLE TO SHELL WELD	BD	88	53	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY, N9 JET PUMP INSTRUMENTATION NOZZLE AND MECHANICAL LIMITS OF SCANNER.
B3.100	1-B13-N2J-IR	N2 NOZZLE INNER RADIUS AREA	BD	86	N/A	SHELL SIDE EXAMINATION LIMITED BY TAPER BETWEEN SHELL #1 AND SHELL #2 AND JET PUMP INSTRUMENTA- TION NOZZLE.
1-29 B5.10	1-B13-N2J-KB	N2 NOZZLE TO SAFE END WELD.	BF	83	88	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B3.90	1-B13-N2K-KA	N2 NOZZLE TO SHELL WELD	BD	86	46	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY, PERMANENT VESSEL TRACK AT 340° AZ., AND MECHANICAL LIMITS OF SCANNER.
B3.100	1-B133-N2K-IR	N2 NOZZLE INNER RADIUS AREA	BD	88	N/A	SHELL SIDE EXAMINATION LIMITED BY TAPER BETWEEN SHELL #1 AND SHELL #2.
B5.10	1-B13-N2K-KB	N2 NOZZLE TO SAFE END WELD	BF	74	88	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B3.90	1-B13-K4A-KA	N4 NOZZLE TO SHELL WELD	BD	97	32	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B3.100	1-B13-N4A-IR	N4 NOZZLE INNER RADIUS AREA	BD	96	N/A	SHELL SIDE EXAMINATION LIMITED BY N13 INSTRUMEN- TATION NOZZLE AT 15° AZ.

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PERPENDICULAR WELD EXAMINATION LIMITED TO ONE DIRECTION TOWARD NOZZLE CENTERLINE.

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SYSTEM: Reactor Pressure Vessel

ITEM NO.	WELD I.D.	DESCRIPTION	CODE CATEGORY	% COMPLETE		
				<u>⊥</u>	<u>//</u>	
B5.10	1-B13-N4A-KB	N4 NOZZLE TO SAFE END WELD	BF	87	100	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B3.90	1-B13-N4B-KA	N4 NOZZLE TO SHELL WELD	BD	99	59	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B5.10	1-B13-N4B-KB	N4 NOZZLE TO SAFE END WELD	BF	77	98	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B3.90	1-B13-N4C-KA	N4 NOZZLE TO SHELL WELD	BD	93	32	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B3.100	1-B13-N4C-IR	N4 NOZZLE INNER RADIUS AREA	BD	96	N/A	SHELL SIDE EXAMINATION LIMITED BY N13 INSTRUMEN- TATION NOZZLE AT 165° AZ.
B5.10	1-B13-N4C-KB	N4 NOZZLE TO SAFE END WELD	BF	83	98	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B3.90	1-B13-N4D-KA	N4 NOZZLE TO SHELL WELD	BD	83	32	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY AND PERMANENT VESSEL TRACK AT 200° AZ.
B5.10	1-B13-N4D-KB	N4 NOZZLE TO SAFE END WELD	BF	83	98	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B3.100	1-B13-N4D-IR	N4 NOZZLE INNER RADIUS AREA	BD	96	N/A	SHELL SIDE EXAMINATION LIMITED BY N13 INSTRUMEN- TATION NOZZLE AT 195° AZ.
B3.90	1-B13-N4E-KA	N4 NOZZLE TO SHELL WELD	BD	98	59	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.

$\frac{\perp}{//}$ PERPENDICULAR SCAN
 // PARALLEL SCAN
 * PERPENDICULAR WELD EXAMINATION LIMITED TO ONE DIRECTION TOWARD NOZZLE CENTERLINE.

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Rev. 3

SYSTEM: Reactor Pressure Vessel

ITEM NO.	WELD I.D.	DESCRIPTION	CODE CATEGORY	% COMPLETE		
				<u>⊥</u>	<u>//</u>	
B5.10	1-B13-N4E-KB	N4 NOZZLE TO SAFE END WELD	BF	80	98	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B3.90	1-B13-N4F-KA	N4 NOZZLE TO SHELL WELD	BD	97	59	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B3.100	1-B13-N4F-IR	N4 NOZZLE INNER RADIUS AREA	BD	96	N/A	SHELL SIDE EXAMINATION LIMITED BY N13 INSTRUMENTATION NOZZLE AT 345° AZ.
B5.10	1-B13-N4F-KB	N4 NOZZLE TO SAFE END WELD	BF	79	73	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY AND OD WELD CONTOUR.
B3.90	1-B13-N5A-KA	N5 NOZZLE TO SHELL WELD	BD	98	61	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B5.10	1-B13-N5A-KB	N5 NOZZLE TO SAFE END WELD	BF	86	100	SCAN PATH OBSTRUCTED BY SAFE END TRANSITION TAPER.
B3.90	1-B13-N5B-KA	N5 NOZZLE TO SHELL WELD	BD	98	29	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B5.10	1-B13-N5B-KB	N5 NOZZLE TO SAFE END WELD	BF	86	100	SCAN PATH OBSTRUCTED BY SAFE AND TRANSITION TAPER.
B3.90	1-B13-N6A-KA	N6 NOZZLE TO SHELL WELD	BD	95	56	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B5.10	1-B13-N6A-KB	N6 NOZZLE TO SAFE END WELD	BF	91	100	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY AND SAFE END TRANSITION TAPER.
B3.90	1-B13-N6B-KA	N6 NOZZLE TO SHELL WELD	BD	93	70	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B5.10	1-B13-N6B-KB	N6 NOZZLE TO SAFE END WELD	BF	93	74	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY, SAFE END TRANSITION TAPER AND OD WELD CONTOUR.

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PERPENDICULAR SCAN
PARALLEL SCAN

* PERPENDICULAR WELD EXAMINATION LIMITED TO ONE DIRECTION TOWARD NOZZLE CENTERLINE.

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Rev. 3

SYSTEM: Reactor Pressure Vessel

ITEM NO.	WELD I.D.	DESCRIPTION	CODE CATEGORY	% COMPLETE		
				<u>⊥</u>	<u>//</u>	
B3.90	1-B13-N6C-KA	N6 NOZZLE TO SHELL WELD	BD	95	56	*SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B5.10	1-B13-N6C-KB	N6 NOZZLE TO SAFE END WELD	BF	95	82	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY, SAFE END TRANSITION AND OD WELD CONTOUR.
B1.40	1-B13-AG	TOP HEAD TO TOP HEAD FLANGE WELD	BA	50	50	SCAN PATH RESTRICTED ON TOP HEAD SIDE ONLY.
B1.21	1-B13-AH	TOP HEAD DOLLAR PLATE TO SIDE PLATE WELD	BA	96	100	SCAN PATH OBSTRUCTED BY FOUR LIFTING LUGS AT 0°, 90°, 180°, AND 270° AZ.
B3.90	1-B13-N7-KA	N7 HEAD SPARE NOZZLE TO TOP HEAD WELD	BD	89	100	*SCAN PATH OBSTRUCTED BY N8 HEAD SPRAY NOZZLE.
B3.100	1-B13-N7-IR	N7 HEAD SPARE NOZZLE INNER RADIUS AREA	BD	94	N/A	SHELL SIDE EXAMINATION LIMITED BY N8 HEAD SPRAY NOZZLE.
B3.90	1-B13-N8-KA	N8 HEAD SPRAY NOZZLE	BD	89	100	*SCAN PATH OBSTRUCTED BY N7 HEAD SPARE NOZZLE.
B3.100	1-B13-N8-IR	N8 HEAD SPRAY NOZZLE INNER RADIUS AREA	BD	94	N/A	SHELL SIDE EXAMINATION LIMITED BY N7 HEAD SPARE NOZZLE.
B3.90	1-B13-N9A-KA	N9 NOZZLE TO SHELL WELD	BD	81	100	*SCAN PATH OBSTRUCTED BY N2 RECIRCULATION INLET NOZZLES AT 90° AND 120° AZ.
B3.100	1-B13-N9A-IR	N9 NOZZLE INNER RADIUS AREA	BD	96	N/A	SHELL SIDE EXAMINATION LIMITED BY N2 RECIRCULA- TION INLET NOZZLES AT 90° AND 120° AZ.

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Rev. 3

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PERPENDICULAR SCAN
PARALLEL SCAN

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PERPENDICULAR WELD EXAMINATION LIMITED TO ONE DIRECTION TOWARD NOZZLE CENTERLINE.

SYSTEM: Reactor Pressure Vessel

ITEM NO.	WELD I.D.	DESCRIPTION	CODE CATEGORY	% COMPLETE		
				<u>1</u>	<u>//</u>	
B3.90	1-B13-N9B-KA	N9 NOZZLE TO SHELL WELD	BD	81	100	*SCAN PATH OBSTRUCTED BY N2 RECIRCULATION INLET NOZZLES AT 270° AND 300° AZ.
B3.100	1-B13-N9B-IR	N9 NOZZLE INNER RADIUS AREA	BD	96	N/A	SHELL SIDE EXAMINATION LIMITED BY N2 RECIRCULATION INLET NOZZLES AT 270° AND 300° AZ.
B3.90	1-B13-N15-KA	N15 NOZZLE TO BOTTOM HEAD	BD	0	0	OBSTRUCTION PRESENTED BY CRD TUBE BUNDLE
B3.100	1-B13-N15-IR	N15 NOZZLE INNER RADIUS	BD	0	0	OBSTRUCTION PRESENTED BY CRD TUBE BUNDLE
B1.22	1-B13-DG	BOTTOM HEAD CENTER PLATE TO SIDE PLATES, 270° SIDE	BA	29	29	OBSTRUCTION PRESENTED BY CRD TUBE BUNDLE AND SKIRT KNUCKLE.
B1.22	1-B13-DH	BOTTOM HEAD CENTER PLATE TO SIDE PLATES, 90° SIDE	BA	29	29	OBSTRUCTION PRESENTED BY CRD TUBE BUNDLE AND SKIRT KNUCKLE.
B5.10	1-B13-N1A-KB	N1 NOZZLE TO SAFE-END WELD	BF	80	100	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.
B5.10	1-B13-N1B-KB	N1 NOZZLE TO SAFE-END WELD	BF	80	100	SCAN PATH OBSTRUCTED BY NOZZLE GEOMETRY.

THE ABOVE LISTED ITEMS CAN BE FOUND ON ISI ISO'S SS-305-006-102 THROUGH 111.

1 PERPENDICULAR SCAN
// PARALLEL SCAN
 * PERPENDICULAR WELD EXAMINATION LIMITED TO ONE DIRECTION TOWARD NOZZLE CENTERLINE.

Perry Nuclear Power Plant Un. 1
RELIEF REQUEST #IR-002

I. Identification of Components

Class 1, Category B-G-1, Item No. B6.180, reactor recirculation pump bolts and studs, in place (See attached table for ID numbers).

II. ASME B&PV Section XI Requirements

Table IWB-2500-1 requires a 100% volumetric examination.

III. Relief Requested

Relief from the required 100% volumetric examination of the reactor recirculation pump studs (attached table) is requested at the first and subsequent examinations as scheduled in Section 2.6 of the ISEP.

IV. Basis for Relief

Volumetric examination of the reactor recirculation pump studs was limited by the elongation measurement hole. This hole (approximately 0.5 in. dia.) extends through 80% of bolt length and interferes with UT examination of the bolt volume in the proximity of the hole. The volume affected is approximately 22% of the total required volume.

The structural integrity of the recirculation pump bolting was demonstrated during construction by meeting the requirements of the ASME Code Section III, and additionally by meeting the requirements of ASME Section XI during preservice inspections. Materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines. There were no cracks observed from preservice inspection. The pressure boundary passed the required hydrostatic test, and has operated for a total of about 250 equivalent full power days between November 1987 and November 1988 without leak indication attributable to the subject components.

The major area of interest, the thread root area, received 100% volumetric examination. Material in the examined volume is identical to the non-examined portion of the studs. Since the construction, operating conditions and environmental conditions of the non-examined portions are identical to the examined volume, it is reasonable to apply satisfactory results obtained from the inservice inspections to the non-examined volume.

Design, procurement, and operational provisions against nil ductile failure of the subject components remains as described in the Perry USAR Section 5.2.3.3.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-002

In summary, because of acceptable initial bolt condition, successful code hydrotest and operating experience without related leakage indications, the capability to examine about 78% of bolt volume on a continuing basis, and protection against brittle failure, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

None

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-002

<u>COMPONENT I.D.</u>	<u>DESCRIPTION</u>
1-B33-C001B-1B	REACTOR RECIRC. PUMP B STUD 1
1-B33-C001B-2B	REACTOR RECIRC. PUMP B STUD 2
1-B33-C001B-3B	REACTOR RECIRC. PUMP B STUD 3
1-B33-C001B-4B	REACTOR RECIRC. PUMP B STUD 4
1-B33-C001B-5B	REACTOR RECIRC. PUMP B STUD 5
1-B33-C001B-6B	REACTOR RECIRC. PUMP B STUD 6
1-B33-C001B-7B	REACTOR RECIRC. PUMP B STUD 7
1-B33-C001B-8B	REACTOR RECIRC. PUMP B STUD 8
1-B33-C001B-9B	REACTOR RECIRC. PUMP B STUD 9
1-B33-C001B-10B	REACTOR RECIRC. PUMP B STUD 10
1-B33-C001B-11B	REACTOR RECIRC. PUMP B STUD 11
1-B33-C001B-12B	REACTOR RECIRC. PUMP B STUD 12
1-B33-C001B-13B	REACTOR RECIRC. PUMP B STUD 13
1-B33-C001B-14B	REACTOR RECIRC. PUMP B STUD 14
1-B33-C001B-15B	REACTOR RECIRC. PUMP B STUD 15
1-B33-C001B-16B	REACTOR RECIRC. PUMP B STUD 16

The above listed items can be found on ISI ISO SS-305-602-105

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-003

I. Identification of Components

Class 1, Category B-G-1, Item No. B6.40, threads in reactor vessel flange (flange ligaments - see attached table for ID numbers).

II. ASME B&PV Section XI Requirements

Table IWB-2500-1 requires a 100% volumetric examination of the stud hole ligament area.

III. Relief Requested

Relief from the required 100% volumetric examination is requested at the first and subsequent examinations as scheduled in Section 2.6 of the ISEP. Because of interference with the lip of the flange seal surface, examination is limited to 93% of required volume.

IV. Basis for Relief

The structural integrity of the reactor vessel flange was demonstrated during construction by meeting the requirements of the ASME Code Section III, and additionally by meeting the requirements of ASME Section XI during preservice inspections. The Perry Unit 1 reactor vessel had no reportable indications from preservice inspection results.

The pressure boundary passed the required hydrostatic test; following startup testing the plant has operated between 60% and 70% capacity factor for a total of about 250 equivalent full power days between November 1987 and November 1988, without detectable pressure boundary leakage.

Examinations meeting the requirements of the ASME Code Section XI will continue to be performed on 93% of the subject volume, which is subject to the same operating and environmental conditions as the unexamined volume. It is, therefore, reasonable to apply the results from examined volume to the non-examined volume.

In addition, catastrophic reactor vessel failure is precluded by avoiding nil ductile temperatures at significant stress levels according to the design, surveillance and operating provisions described in the Perry USAR Sections 5.3.1 and 5.3.2 and the Technical Specifications 3/4.4.6 (3.4.11).

In summary, because of initial vessel condition free of reportable indications, successful code hydrotest and operating experience without leakage indications, the capability to examine most of the subject volume on a continuing basis, the capability to detect pressure boundary leakage, and protections against brittle reactor vessel failure, it is concluded that there is no significant impact on the overall level of plant quality and safety.

Sheet 2 of 5

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-003

V. Alternate Examination

None

Perry Nuclear Power Plant Unit 1
Relief Request #IR-003

<u>MARK NO.</u>	<u>ISI ISO</u> <u>SS-305-</u>	<u>COMPONENT DESCRIPTION</u>	<u>OBSTRUCTION</u>	<u>% COMP</u>
1B13-A1-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-A2-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-A3-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-A4-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-A5-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-A6-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-A7-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-A8-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-A9-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-B1-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-B2-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-B3-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-B4-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-B5-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-B6-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-B7-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-B8-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-B9-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-C1-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-C2-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-C3-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-C4-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-C5-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-C6-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-C7-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-C8-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-C9-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%

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Rev. 3

Perry Nuclear Power Plant Unit 1
Relief Request #IR-003 (Cont.)

<u>MARK NO.</u>	<u>ISI ISO</u> <u>SS-305-</u>	<u>COMPONENT DESCRIPTION</u>	<u>OBSTRUCTION</u>	<u>% COMP</u>
1B13-D1-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-D2-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-D3-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-D4-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-D5-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-D6-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-D7-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-D8-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-D9-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-E1-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-E2-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-E3-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-E4-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-E5-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-E6-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-E7-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-E8-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-E9-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-F1-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-F2-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-F3-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-F4-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-F5-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-F6-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-F7-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-F8-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-F9-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%

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Perry Nuclear Power Plant Unit 1
Relief Request #IR-003 (Cont.)

<u>MARK NO.</u>	<u>ISI ISO</u> <u>SS-305-</u>	<u>COMPONENT DESCRIPTION</u>	<u>OBSTRUCTION</u>	<u>% COMP</u>
1B13-G1-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-G2-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-G3-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-G4-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-G5-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-G6-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-G7-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-G8-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-G9-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-H1-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-H2-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-H3-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-H4-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-H5-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-H6-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-H7-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-H8-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%
1B13-H9-T	006-112	RPV SHELL, THREADS IN FLANGE AREA	FLANGE SEAL LIP	93%

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Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-004, Rev. 1

I. Identification of Components

Class 1, Category B-J (Item numbers in attached table), piping welds 4 inches NPS and greater.

II. ASME B&PV Section XI Requirements

Table IWB-2500-1 requires 100% surface and volumetric examination.

III. Relief Requested

Relief is requested from the required volumetric examination because of partial inaccessibility of the weld and required volume, at the first and subsequent examinations as scheduled Section 2.6 of the ISEP.

IV. Basis for Relief

The structural integrity of the piping pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III, and additionally by meeting the requirements of ASME Section XI during preservice inspections. The subject welds were examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines. There were no reportable indications during preservice inspection.

The pressure boundary passed the required preservice hydrostatic test and first period inservice system pressure tests, and has operated for a total of about 712 equivalent full power days between November 1987 and December 1990 without leakage indication attributable to the subject welds.

In addition to partial inspection of the subject welds, complete examinations meeting the requirements of the ASME Code Section XI are performed on welds of similar configurations which utilize the same weld techniques, procedures and materials. The examined welds are subject to the same operating and environmental conditions as the partially examined welds.

Since the construction, operating conditions and environmental conditions of the non-examined portion of the welds are identical to the examined portions, it is reasonable to apply satisfactory results from examined to the non-examined portions.

Design, procurement and operational provisions against nil ductile failure of the subject welds remain as described in the Perry USAR.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-004, Rev. 1

In summary, because of acceptable initial condition, successful code hydrotest and operating experience without related leakage indications, the capability to examine most of the subject weld volumes on a continuing basis, the capability to detect pressure boundary leakage, and protection against brittle failure, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

None

NOTE: Revision 0 of this Relief Request was granted by NRR in a Safety Evaluation dated April 25, 1990.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-004, Rev. 1

<u>ITEM NO.</u>	<u>COMPONENT I.D.</u>	<u>SYS./DWG. NO.</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST. % COMPLETE</u>
B9.11	1B21-0025	MS/605-103	CONTOUR NOZZLE TO FLANGE	JOINT GEOMETRY	PERPENDICULAR 50% PARALLEL 100%
B9.11	1B21-0122U	MS/605-101	26" ELBOW SEAM, UPSTREAM	ADJACENT BRANCH CONNECTION	PERPENDICULAR & PARALLEL 90%
B9.11	1B21-0133	MS/605-101	CONTOUR NOZZLE TO FLANGE	JOINT GEOMETRY	PERPENDICULAR 50%, PARALLEL 100%
B9.11	1E12-0406	RHR/642-125	12" PIPE TO VALVE	STRUCTURAL STEEL INTERFERENCE	PERPENDICULAR 50%, PARALLEL 100%
B9.11	1E12-0880	RHR/642-143	12" PROCESS PIPE TO ELBOW	CONTAINMENT PENETRATION & WELD GEOMETRY	PERPENDICULAR 80%, PARALLEL 100%
B9.11	1E22-0012	HPCS/701-110	12" ELBOW TO PENETRATION	JOINT GEOMETRY	PERPENDICULAR 95%, PARALLEL 100%
B9.12	1B33-0027U	RR/602-101	16" PIPE SEAM	LUG INTERFERENCE	PERPENDICULAR 95%, PARALLEL 92%
B9.11	1E21-0007	LPCS/705-111	12" PIPE TO ELBOW	NON-REMOVABLE SUPPORT 1E21-H0003	PERPENDICULAR & PARALLEL 80%

MS = MAIN STEAM
RHR = RESIDUAL HEAT REMOVAL
HPCS = HIGH PRESSURE CORE SPRAY
RR = REACTOR RECIRCULATION
LPCS = LOW PRESSURE CORE SPRAY

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-005

I. Identification of Components

Class 1, Category B-J, Item B9.11, piping welds 4 inches NPS and greater (see attached table for I.D. numbers).

II. ASME B&PV Section XI Requirements

Table IWB-2500-1 requires 100% surface and volumetric examination.

III. Relief Requested

Relief is requested from the required volumetric examination, at the first and subsequent examinations as scheduled Section 2.6 of the ISEP.

IV. Basis for Relief

Ultrasonic examinations conducted on welds in the recirculation loops which were inlaid and overlaid with corrosion resistant cladding required specialized techniques. Typical techniques identified in Appendix III of Section XI proved to be ineffective.

To overcome the metallurgical properties impeding conventional shear wave ultrasonic transmission, refracted longitudinal wave examinations were employed. The acoustic properties of refracted longitudinal wave propagation limit the technique to 1/2 vee path. The Code required volume necessitates a full vee path through the weld and required volume.

Therefore, when access to a butt weld was limited to one side only due to component geometry (e.g., pipe to valve) the perpendicular examination is considered to be only 50% complete.

During construction, the subject welds were examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines. In addition, there were no reportable indications during preservice inspections.

The pressure boundary passed the required hydrostatic test, and has operated for a total of about 250 equivalent full power days between November 1987 and November 1988 without leakage indication attributable to the subject welds.

Since the construction, operating conditions and environmental conditions of the non-examined portion of the welds are identical to the examined portions, it is reasonable to apply satisfactory results from examined to the non-examined portions.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-005

In summary, because of acceptable initial condition, successful code hydrotest and operating experience without related leakage indications, the capability to examine half of the subject weld volume on a continuing basis, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

None

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-005

<u>WELD I.D.</u>	<u>ISI ISO SS-305-</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST. % COMPLETE</u>
1-B33-0027	602-101	16" CAP TO PIPE	GEOMETRY	PERPENDICULAR 95%
1-B33-0038	602-101	12" PIPE TO NOZZLE	GEOMETRY	PERPENDICULAR 50%
1-B33-0043	602-101	12" PIPE TO NOZZLE	GEOMETRY	PERPENDICULAR 50%
1-B33-0049	602-101	12" PIPE TO NOZZLE	GEOMETRY	PERPENDICULAR 50%
1-B33-0054	602-101	12" PIPE TO NOZZLE	GEOMETRY	PERPENDICULAR 50%
1-B33-0056	602-101	16" X 12" SWEEPOLET TO 12" PIPE	GEOMETRY	PERPENDICULAR 50%
1-B33-0059	602-101	12" PIPE TO NOZZLE	GEOMETRY	PERPENDICULAR 50%
1-B33-0074	602-104	22" ELBOW TO PUMP C001B	GEOMETRY	PERPENDICULAR 50%
1-B33-0076	602-104	24" PIPE TO PUMP C001B	GEOMETRY	PERPENDICULAR 50%
1-B33-0081	602-104	24" VALVE F060B TO PIPE	GEOMETRY	PERPENDICULAR 50%
1-B33-0088	602-104	24" PIPE TO 24 X 16" CROSS	GEOMETRY	PERPENDICULAR 50%
1-B33-0097	602-103	16" X 12" SWEEPOLET TO 12" PIPE	GEOMETRY	PERPENDICULAR 50%
1-B33-0100	602-103	12" PIPE TO NOZZLE	GEOMETRY	PERPENDICULAR 50%
1-B33-0105	602-103	12" PIPE TO NOZZLE	GEOMETRY	PERPENDICULAR 50%
1-B33-0111	602-103	12" PIPE TO NOZZLE	GEOMETRY	PERPENDICULAR 50%

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Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-005

<u>WELD I.D.</u>	<u>ISI ISO SS-305-</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST. % COMPLETE</u>
1-B33-0116	602-103	12" PIPE TO NOZZLE	GEOMETRY	PERPENDICULAR 50%
1-B33-0118	602-103	16" X 12" SWEEPOLET TO 12" PIPE	GEOMETRY	PERPENDICULAR 50%
1-B33-0121	602-103	12" PIPE TO NOZZLE	GEOMETRY	PERPENDICULAR 50%

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-006

I. Identification of Components

Class 1, Category B-J, Item B9.12 (piping welds 4 inches NPS and greater), Weld 1-B33-0027U1 in reactor recirculation system (ISI ISO SS-305-602-101).

II. ASME B&PV Section XI Requirements

Table IWB-2500-1 requires 100% surface and volumetric examination.

III. Relief Requested

Relief is requested from the required volumetric examination, at the first and subsequent examinations as scheduled in Section 2.6 of the ISEP, to allow examination of only 90% of the required surface due to a pipe lug which prevents contact with 10% of the weld surface.

IV. Basis for Relief

The structural integrity of the piping pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III, and additionally by meeting the requirements of ASME Section XI during preservice inspections. The subject welds were examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines. There were no reportable indications during preservice inspections.

The pressure boundary passed the required hydrostatic test, and has operated for a total of about 250 equivalent full power days between November 1987 and November 1988, without leakage indication attributable to the subject welds.

In addition to partial examination of the subject welds, complete examinations meeting the requirements of the ASME Code Section XI are performed on welds of similar configurations which utilize the same weld techniques, procedures and materials. The examined welds are subject to the same operating and environmental conditions as the partially examined welds.

Since the construction, operating conditions and environmental conditions of the non-examined portion of the welds are identical to the examined portions, it is reasonable to apply satisfactory results from examined to the non-examined portions.

Design, procurement and operational provisions against nil ductile failure of the subject welds remain as described in the Perry USAR.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-006

In summary, because of acceptable initial conditions, successful code hydrotest and operating experience without related leakage indications, the capability to examine most of the subject weld surface on a continuing basis, the capability to detect pressure boundary leakage, and protection against brittle failure, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

None

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-007

I. Identification of Components

Class 1, Category B-K-1, Item No. B10.10 integrally welded support attachments for piping (See attached table for ID numbers).

II. ASME B&PV Section XI Requirements

Table IWB-2500-1 requires a 100% surface examination (volumetric is not applicable.)

III. Relief Requested

Relief is requested from the required 100% surface examination of the penetration to process pipe attachment welds due to inaccessibility of the weld face within the ID of the penetration. 50% of the required surface is accessible and will be examined at the first and subsequent inspections scheduled in Section 2.6 of the ISEP.

IV. Basis for Relief

The structural integrity of the piping pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III. The subject welds were examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines.

Examinations meeting the requirements of the ASME Code Section XI were performed on the accessible face of the attachment weld with acceptable results during preservice inspection.

Penetration attachment welds within the high energy break exclusion region of piping systems were ultrasonically examined from the OD surface of the penetration. Although not performed specifically to supplement the limited surface examinations, these examinations do provide additional assurance of structural integrity.

The pressure boundary passed the required hydrostatic test, and has operated for a total of about 250 equivalent full power days between November 1987 and November 1988.

Since the construction, operating conditions and environmental conditions of the non-examined portion of the welds are identical to the examined portions, it is reasonable to apply satisfactory results from examined to the non-examined portions.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-007

Design, procurement and operational provisions against nil ductile failure of the subject welds remain as described in the Perry USAR.

In summary, because of acceptable initial condition, successful code hydrotest and operating experience, the capability to examine half of the subject weld surface on a continuing basis, and protection against brittle failure, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

None

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-007

<u>COMPONENT I.D.</u>	<u>SYSTEM/ISI ISO SS-305-</u>
1-E12-P411-WA	RHR/642-135
1-E12-P421-WA	RHR/642-101
1-E12-PRB2035-WA	RHR/642-143
1-E12-PRB2036-WA	RHR/642-139
1-E12-PRB2044-WA	RHR/642-126
1-E21-P112-WA	LPCS/705-109
1-E21-PRB3046-WA	LPCS/705-110
1-E22-P410-WA	HPCS/701-109
1-E22-PRB3052-WA	HPCS/701-110
1-E51-P123-WA	RCIC/631-106
1-C41-PRB4031-WA	SLC/691-102
**1-E51-P422-WA	RCIC/632-102
**1-N27-P121-WA	FW/082-101
**1-N27-P414-WA	FW/082-101
**1-G33-P131-WA	RWCU/671-104
**1-N22-P423-WA	MS/121-103
**1-B21-P122-WA	MS/605-109
**1-B21-P124-WA	MS/605-107
**1-B21-P415-WA	MS/605-110
**1-B21-P416-WA	MS/605-103

*RHR = Residual Heat Removal	FW = Feedwater
LPCS = Low Pressure Core Spray	RWCU = Reactor Core Isolation Cooling
HPCS = High Pressure Core Spray	MS = Main Steam
RCIC = Reactor Core Isolation Cooling	SLC = Standby Liquid Control

**Received augmented ultrasonic examination as part of high energy break exclusion region.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-008

I. Identification of Components

Class 1, Category B-M-1, Item number B12.40, valve body welds (see attached table for weld ID numbers).

II. ASME B&PV Section XI Requirements

Table IWB-2500-1 requires 100% volumetric examination.

III. Relief Requested

Relief is requested from the required 100% volumetric examinations because part geometry and code plate obstructions limit examination of required volume, at the first and subsequent examinations as scheduled in Section 2.6 of the ISEP.

IV. Basis for Relief

The structural integrity of the valve pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III, and additionally by meeting the requirements of ASME Section XI during preservice inspections. The subject welds were examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines. There were no reportable indications during preservice inspections.

The pressure boundary passed the required hydrostatic test, and has operated for a total of about 250 equivalent full power days between November 1987 and November 1988, without leakage indication attributable to the subject welds.

Since the construction, operating conditions and environmental conditions of the non-examined portions of the welds are identical to the examined portions, it is reasonable to apply satisfactory results to the non-examined portions.

Design, procurement and operational provisions against nil ductile failure of the subject welds remain as described in the Perry USAR.

In summary, because of acceptable initial condition, successful code hydrotest and operating experience without related leakage indications, the capability to examine about 90% of the weld volume on a continuing basis, the capability to detect pressure boundary leakage (USAR 5.2.5), and protection against brittle failure, it is concluded that there is no significant impact on the overall level of plant quality and safety.

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Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-008

V. Alternate Examination

None

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-008

<u>WELD NO.</u>	<u>ISI ISO SYSTEM/SS-305-</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST. % COMPLETE</u>
1-E12-F019 SEAM	RHR/642-122	6" FORGED CHECK VLV. BODY WELD	GEOMETRY/CODE PLATE	PERPENDICULAR 92%
1-E12-F042A SEAM	RHR/642-126	12" FORGED GATE VLV. BODY WELD	GEOMETRY/CODE PLATE	PERPENDICULAR 90%
1-E21-F005 SEAM	LPCS/705-108	12" FORGED GATE VLV. BODY WELD	GEOMETRY/CODE PLATE	PERPENDICULAR 90%
1-E22-F036 SEAM	HPCS/701-111	12" FORGED GATE VLV. BODY WELD	GEOMETRY/CODE PLATE	PERPENDICULAR 90%
1-E51-F064 SEAM	RCIC/632-102	10" FORGED GATE VLV. BODY WELD	GEOMETRY/CODE PLATE	PERPENDICULAR 90%
1-E51-F013 SEAM	RCIC/631-105	6" FORGED GATE VLV. BODY WELD	GEOMETRY/CODE PLATE	PERPENDICULAR 94%
1-G33-F004 SEAM	RWCU/671-104	6" FORGED GATE VLV. BODY WELD	GEOMETRY/CODE PLATE	PERPENDICULAR 89%
1-G33-F100 SEAM	RWCU/671-107	4" FORGED GATE VLV. BODY WELD	GEOMETRY/CODE PLATE	PERPENDICULAR 92%

RHR = RESIDUAL HEAT REMOVAL
LPCS = LOW PRESSURE CORE SPRAY
HPCS = HIGH PRESSURE CORE SPRAY
RCIC = REACTOR CORE ISOLATION COOLING
RWCU = REACTOR WATER CLEANUP

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-009

I. Identification of Components

Class 1, Category B-O, Item B14.10, flange welds in control rod drive housing (See attached table for I.D. numbers and drawing ISI-B13-016).

II. ASME B&PV Section XI Requirements

Table IWB-2500-1 requires 100% surface or volumetric examination.

III. Relief Requested

Relief is requested from the required 100% surface examination because of partial inaccessibility due to control line interferences, at the first and subsequent examinations as scheduled in Section 2.6 of the ISEP. Approximately 85% of subject weld surface will be subjected to a dye penetrant examination.

IV. Basis for Relief

The structural integrity of the subject welds was demonstrated during construction by meeting the requirements of the ASME Code Section III, and additionally by meeting the requirements of ASME Section XI during preservice inspections. The subject welds were examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines. The subject welds had no reportable indications during preservice inspection.

The pressure boundary passed the required hydrostatic test, and has operated for a total of about 250 equivalent full power days between November 1987 and November 1988 without leakage indication attributable to the subject welds.

Portions of welds examined are subject to the same operating and environmental conditions as the unexamined portions. Approximately 85% of the weld surface will continue to be examined. It is, therefore, reasonable to apply the results from examined weld portions to the unexamined portions.

In summary, because of acceptable initial weld condition, successful code hydrotest and operating experience without leakage indications, the capability to examine most of the weld surface on a continuing basis, and the capability to detect pressure boundary leakage, it is concluded that there is no significant impact on the overall level of plant quality and safety.

Sheet 2 of 3

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-009

V. Alternate Examination

None

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-009

WELD I.D.

1-B13-02/23-FW
1-B13-02/27-FW
1-B13-02/31-FW
1-B13-02/35-FW
1-B13-02/39-FW
1-B13-06/15-FW
1-B13-06/47-FW
1-B13-10/11-FW
1-B13-10/51-FW
1-B13-14/07-FW
1-B13-14/55-FW
1-B13-22/03-FW
1-B13-22/59-FW
1-B13-26/03-FW
1-B13-26/59-FW
1-B13-30/03-FW

WELD I.D.

1-B13-30/59-FW
1-B13-34/03-FW
1-B13-34/59-FW
1-B13-38/03-FW
1-B13-38/59-FW
1-B13-46/07-FW
1-B13-46/55-FW
1-B13-50/11-FW
1-B13-50/51-FW
1-B13-54/15-FW
1-B13-54/47-FW
1-B13-58/23-FW
1-B13-58/27-FW
1-B13-58/31-FW
1-B13-58/35-FW
1-B13-58/39-FW

The above listed items can be found on ISI ISO drawing SS-305-006-110.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-016

THIS RELIEF REQUEST HAS BEEN DELETED

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-017

THIS RELIEF REQUEST HAS BEEN DELETED

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-018, Rev. 1

I. Identification of Components

Class 1, Category B-K-1, Item No. B10.10 integrally welded support attachments for piping (See attached table for ID numbers).

II. ASME B&PV Section XI Requirements

Table IWB-2500-1 requires a 100% surface examination (volumetric is not applicable.)

III. Relief Requested

Relief is requested from the required 100% surface examination of the support lug to process pipe attachment welds due to inaccessibility of the weld face at the pipe clamp or box guide to support lug interface. At least 65% of the required surface is accessible and was examined during the first period, or will be examined during subsequent periods, as scheduled in Section 2.6 of the ISEP.

IV. Basis for Relief

The structural integrity of the piping pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III. The subject welds were examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines.

The pressure boundary passed the required preservice hydrostatic test and first period inservice system pressure tests, and has operated for a total of about 712 equivalent full power days between November 1987 and December 1990.

Complete examinations meeting the requirements of the ASME Code Section XI are performed on welds of similar configurations which utilized the same weld techniques, procedures and materials. The examined welds are subject to the same operating and environmental conditions as the partially examined welds.

Since the construction, operating conditions and environmental conditions of the non-examined portion of the welds are identical to the examined portions, it is reasonable to apply satisfactory results from examined to the non-examined portions.

Design, procurement and operational provision against nil ductile failure of the subject welds remain as described in the Perry USAR.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-018, Rev. 1

In summary, because of acceptable initial condition, successful code hydrotest and operating experience, the capability to examine 90% of the subject weld surface on a continuing basis, and protection against brittle failure, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

None

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-018, Rev. 1

<u>ITEM NO.</u>	<u>COMPONENT I.D.</u>	<u>SYS./DWG. NO.</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST % COMPLETE</u>
B10.10	1E12-H0100-WA	RHR/SS-305-642-117	WELDED LUGS FOR PIPE CLAMP	PIPE CLAMP	90%
B10.10	1B33-H305A-WA	RR/SS-305-602-102	WELDED LUGS FOR PIPE CLAMP	PIPE CLAMP	75%
B10.10	1B33-H306A-WA	RR/SS-305-602-102	WELDED LUGS FOR PIPE CLAMP	PIPE CLAMP	75%
B10.10	1B33-H305B-WA	RR/SS-305-602-104	WELDED LUGS FOR PIPE CLAMP	PIPE CLAMP	75%
B10.10	1B33-H306B-WA	RR/SS-305-602-104	WELDED LUGS FOR PIPE CLAMP	PIPE CLAMP	75%
B10.10	1N27-H0029-WA	FW/SS-305-082-102	WELDED LUGS FOR BOX GUIDE	BOX GUIDE	65%
B10.10	1N27-H0030-WA	FW/SS-305-082-105	WELDED LUGS FOR BOX GUIDE	BOX GUIDE	65%

RHR - RESIDUAL HEAT REMOVAL
RR - REACTOR RECIRCULATION
FW - FEEDWATER

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-024

I. Identification of Components

Class 1, Category B-F, Item B5-10, Pressure Retaining Dissimilar Metal Welds (see attached table for ID numbers).

II. ASME B&PV Section XI Requirements

Table IWB-2500-1 requires a 100% surface and volumetric examination.

III. Relief Requested

Relief is requested from the required 100% surface examination, at the first and subsequent examinations as scheduled in Section 2.6 of the ISEP.

IV. Basis for Relief

Safe-end to safe-end extension welds of the Core Spray and Residual Heat Removal nozzles, which are inconel to carbon steel bimetallic welds, can not be effectively ultrasonically examined using conventional shear wave techniques.

To overcome the metallurgical properties impeding the conventional shear wave ultrasonic transmission, refracted longitudinal wave examinations are employed. The acoustic properties of refracted longitudinal wave propagation limit the technique to 1/2 vee path. The Code required volume necessitates either 1/2 vee path scanning from both sides of the weld or full vee path scanning from one side through the weld and required volume. Therefore, when joint geometry precludes adequate scan paths on both sides of a weld for 1/2 vee scanning, the perpendicular examination of the weld and required volume will be limited. For the subject safe-end to safe-end extension welds, a safe-end taper limits scanning from one side of the weld to approximately 60% resulting in an overall perpendicular examination completion percentage of approximately 80% (see Fig. IR-024.1 below).

The structural integrity of the piping pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III. The subject welds were examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines. There were no reportable indications during ASME Section XI preservice inspections.

The pressure boundary passed the required preservice hydrostatic test and first period inservice system pressure tests, and has operated for a total of about 712 equivalent full power days between November 1987 and December 1990.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-024

Although the examinations are limited, the most critical areas of the weld and required volume are adequately covered. The root of the weld receives full two dimensional coverage and both the heat affected zones receive coverage which is essentially perpendicular to the end preparation.

Since the construction, operating conditions and environmental conditions of the non-examined portion of the welds are identical to the examined portions, it is reasonable to apply satisfactory results from the examined to the non-examined portions.

Design, procurement and operational provisions against nil ductile failure of the subject welds remain as described in the Perry USAR.

In summary, because of acceptable initial condition, successful test operating experience, the capability to examine most of the subject weld volumes on a continuing basis, and protection against brittle failure, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

None

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-024

<u>ITEM NO.</u>	<u>COMPONENT I.D.</u>	<u>SYS./DWG. NO.</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST % COMPLETE</u>
B5.10	1B13-N5A-KC	RX/SS-305-006-109	LPCS NOZZLE SAFE-END TO SAFE-END EXTENSION	JOINT GEOMETRY/ METALLURGY	80% PERPENDICULAR 100% PARALLEL
B5.10	1B13-N5B-KC	RX/SS-305-006-109	HPCS NOZZLE SAFE-END TO SAFE-END EXTENSION	JOINT GEOMETRY/ METALLURGY	80% PERPENDICULAR 100% PARALLEL
B5.10	1B13-N6A-KC	RX/SS-305-006-109	HPCS NOZZLE SAFE-END TO SAFE-END EXTENSION	JOINT GEOMETRY/ METALLURGY	80% PERPENDICULAR 100% PARALLEL
B5.10	1B13-N6B-KC	RX/SS-305-006-109	HPCS NOZZLE SAFE-END TO SAFE-END EXTENSION	JOINT GEOMETRY/ METALLURGY	80% PERPENDICULAR 100% PARALLEL
B5.10	1B13-N6C-KC	RX/SS-305-006-109	HPCS NOZZLE SAFE-END TO SAFE-END EXTENSION	JOINT GEOMETRY/ METALLURGY	80% PERPENDICULAR 100% PARALLEL

RX - REACTOR VESSEL
LPCS - LOW PRESSURE CORE SPRAY
HPCS - HIGH PRESSURE CORE SPRAY
RHR - RESIDUAL HEAT REMOVAL

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-025

I. Identification of Components

Class 1, Category B-K-1, Item No. B10.10 integrally welded support attachments for piping (See attached table for ID numbers).

II. ASME B&PV Section XI Requirements

Table IWB-2500-1 requires a 100% surface examination (volumetric is not applicable).

III. Relief Requested

Relief is requested from the required 100% surface examination of the support lug to process pipe attachment welds because access limitations from the surrounding guide structure prohibit surface preparation and examination of the attachment welds without disassembly of the guide.

IV. Basis for Relief

The welded attachments identified in the attached table are pipe lugs within large and complicated guide supports for the 26" main steam piping. Disassembly (and the subsequent reassembly) of the guides to provide access for the required surface exams requires over 320 manhours for each guide in a general radiation area of approximately 10 mr/hr. Without disassembly, access is sufficient for VT-1 examination (utilizing mirrors and a fiberscope) of the welds. Utilization of the VT-1 exams in lieu of surface exams maintains an adequate level of quality and safety without the hardships which would be incurred in disassembly.

The structural integrity of the piping pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III. The subject welds were examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines.

The pressure boundary passed the required preservice hydrostatic test and first period inservice system pressure tests, and has operated for a total of about 712 equivalent full power days between November 1987 and December 1990.

Design, procurement and operational provisions against nil ductile failure of the subject welds remain as described in the Perry USAR.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-025

In summary, because of acceptable initial condition, successful test operating experience, the capability to examine most of the subject weld volumes on a continuing basis, and protection against brittle failure, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

VT-1 examinations will be performed, to the extent and frequency required by Table IWB-2500-1, in lieu of surface examinations.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-025

<u>ITEM NO.</u>	<u>COMPONENT I.D.</u>	<u>SYS./DWG. NO.</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST % COMPLETE</u>
B10.10	1B21-G101A-WA	MS/SS-305-605-101	WELDED LUGS FOR PIPE GUIDE	GUIDE ASSEMBLY	0%*
B10.10	1B21-G101B-WA	MS/SS-305-605-102	WELDED LUGS FOR PIPE GUIDE	GUIDE ASSEMBLY	0%*
B10.10	1B21-G101C-WA	MS/SS-305-605-103	WELDED LUGS FOR PIPE GUIDE	GUIDE ASSEMBLY	0%*
B10.10	1B21-G101D-WA	MS/SS-305-605-104	WELDED LUGS FOR PIPE GUIDE	GUIDE ASSEMBLY	0%*

* 0% Complete for Required Surface Examination, but Essentially 100% Complete for Alternative VT-1 Examination.

MS - MAIN STEAM

2.6 Inservice Examination Table

This section contains the listing of all Class 1 components subject to the examination requirements of ASME Section XI, Article IWP. The actual components scheduled for examinations are presented to management for approval 60 days prior to commencing a scheduled refueling outage.

The information presented in the tables is defined below:

- EXAMINATION CATEGORY - The basis for organizing components subject to examination.
- ITEM NO. - A division within an examination category which separates the specific examination requirements.
- MARK NO. - A unique identification number assigned to each weld or component.
- COMPONENT DESCRIPTION - A brief description used to identify the weld or component.
- EXAM METHOD - This abbreviation identifies the unique non-destructive examination method(s) required for the weld or component examination. The abbreviations used in this listing are as follows:

MT	-	Magnetic Particle Testing
PT	-	Dye Penetrant Testing
UT	-	Ultrasonic Testing
RT	-	Radiography Testing
VT-1	-	Visual Examination for Surface Conditions
VT-2	-	Visual Examination for Leakage
VT-3	-	Visual Examination for General Conditions

- PERIOD SCHED. - This column identifies the inspection period in which the weld or component is scheduled to be examined. The period scheduled can be either 1, 2, 3, or any combination of these numbers. Normally there will be 2 refueling outages within each period. Scheduled examinations can be completed in either of the refueling outages as appropriate to facilitate other outage activities, but must be completed by the end of the period. For those welds or components not scheduled for examination, the letters "NS" will be inserted in place of an inspection period. For those components only examined when a particular situational requirement is met (ex. when removed or when access is provided to normally inaccessible item by a maintenance, repair, or replacement activity), the letters "SR" will be inserted in place of an inspection period. An asterisk(s) in the schedule column denotes a scheduling peculiarity which will be explained at the end of the applicable category. Welds which have been examined, but due to program changes (e.g., Revision of the B-J Selection Basis) are not to be credited toward ASME XI completion percentages, will have parentheses around the period scheduled.

Inservice Examination Interval Listing

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-A					
B1.11	1B13-AA	LOWER HEAD TO NO. 1 SHELL RING CIRCUMFERENTIAL SEAM	UT	3	006-102
B1.11	1B13-AB	NO. 1 SHELL RING TO NO. 2 SHELL RING CIRCUMFERENTIAL SEAM	UT	3	006-102
B1.11	1B13-AC	NO. 2 SHELL RING TO NO. 3 SHELL RING CIRCUMFERENTIAL SEAM	UT	3	006-102
B1.11	1B13-AD	NO. 3 SHELL RING TO NO. 4 SHELL RING CIRCUMFERENTIAL SEAM	UT	3	006-102
B1.30	1B13-AE	NO. 4 SHELL RING TO SHELL FLANGE CIRCUMFERENTIAL SEAM	UT	1, 3	006-102
B1.40	1B13-AG	TOP HEAD TO TOP HEAD FLANGE	UT, MT	1, 2, 3	006-103
B1.21	1B13-AH	TOP HEAD DOLLAR PLATE TO SIDE PLATES	UT	1	006-103
B1.12	1B13-BA	NO. 1 SHELL RING LONGITUDINAL SEAM @ 17 AZ.	UT	3	006-102
B1.12	1B13-BB	NO. 1 SHELL RING LONGITUDINAL SEAM @ 137 AZ.	UT	3	006-102
B1.12	1B13-BC	NO. 1 SHELL RING LONGITUDINAL SEAM @ 257 AZ.	UT	3	006-102
B1.12	1B13-BD	NO. 2 SHELL RING LONGITUDINAL SEAM @ 40 AZ.	UT	3	006-102
B1.12	1B13-BE	NO. 2 SHELL RING LONGITUDINAL SEAM @ 160 AZ.	UT	3	006-102
B1.12	1B13-BF	NO. 2 SHELL RING LONGITUDINAL SEAM @ 280 AZ.	UT	3	006-102
B1.12	1B13-BG	NO. 3 SHELL RING LONGITUDINAL SEAM @ 79 AZ.	UT	3	006-102
B1.12	1B13-BJ	NO. 3 SHELL RING LONGITUDINAL SEAM @ 199 AZ.	UT	3	006-102
B1.12	1B13-BK	NO. 3 SHELL RING LONGITUDINAL SEAM @ 319 AZ.	UT	3	006-102
B1.12	1B13-BN	NO. 4 SHELL RING LONGITUDINAL SEAM @ 48 AZ.	UT	3	006-102
B1.12	1B13-BP	NO. 4 SHELL RING LONGITUDINAL SEAM @ 168 AZ.	UT	3	006-102
B1.12	1B13-BR	NO. 4 SHELL RING LONGITUDINAL SEAM @ 288 AZ.	UT	3	006-102
B1.22	1B13-DG	BOTTOM CENTER PLATE TO SIDE PLATE, 270 AZ. SIDE	UT	3	006-104
B1.22	1B13-DH	BOTTOM CENTER PLATE TO SIDE PLATE, 90 AZ. SIDE	UT	3	006-104
B1.22	1B13-DJ	TOP HEAD MERIDIONAL WELD @ 75 AZ.	UT	1	006-103
B1.22	1B13-DK	TOP HEAD MERIDIONAL WELD @ 135 AZ.	UT	2	006-103
B1.22	1B13-DM	TOP HEAD MERIDIONAL WELD @ 195 AZ.	UT	3	006-103
B1.22	1B13-DN	TOP HEAD MERIDIONAL WELD @ 255 AZ.	UT	1	006-103
B1.22	1B13-DP	TOP HEAD MERIDIONAL WELD @ 315 AZ.	UT	2	006-103
B1.22	1B13-DR	TOP HEAD MERIDIONAL WELD @ 15 AZ.	UT	3	006-103
B1.50		RPV REPAIR WELDS IN BELTLINE REGION		NS	

EXAMINATION CATEGORY: B-B
NOT APPLICABLE AT PNPP

EXAMINATION CATEGORY: B-D
INSPECTION PROGRAM A
NOT APPLICABLE AT PNPP

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-D					
B3.90	1B13-N1A-KA	RECIRCULATION OUTLET NOZZLE N1A TO VESSEL	UT	3	006-107
B3.100	1B13-N1A-IR	RECIRCULATION OUTLET NOZZLE N1A INNER RADIUS	UT	3	006-107
B3.90	1B13-N1B-KA	RECIRCULATION OUTLET NOZZLE N1B TO VESSEL	UT	3	006-107
B3.100	1B13-N1B-IR	RECIRCULATION OUTLET NOZZLE N1B INNER RADIUS	UT	3	006-107
B3.90	1B13-N2A-KA	RECIRCULATION INLET NOZZLE N2A TO VESSEL	UT	3	006-107
B3.100	1B13-N2A-IR	RECIRCULATION INLET NOZZLE N2A INNER RADIUS	UT	3	006-107
B3.90	1B13-N2B-KA	RECIRCULATION INLET NOZZLE N2B TO VESSEL	UT	3	006-107
B3.100	1B13-N2B-IR	RECIRCULATION INLET NOZZLE N2B INNER RADIUS	UT	3	006-107
B3.90	1B13-N2C-KA	RECIRCULATION INLET NOZZLE N2C TO VESSEL	UT	1	006-107
B3.100	1B13-N2C-IR	RECIRCULATION INLET NOZZLE N2C INNER RADIUS	UT	1	006-107
B3.90	1B13-N2D-KA	RECIRCULATION INLET NOZZLE N2D TO VESSEL	UT	3	006-107
B3.100	1B13-N2D-IR	RECIRCULATION INLET NOZZLE N2D INNER RADIUS	UT	3	006-107
B3.90	1B13-N2E-KA	RECIRCULATION INLET NOZZLE N2E TO VESSEL	UT	3	006-107
B3.100	1B13-N2E-IR	RECIRCULATION INLET NOZZLE N2E INNER RADIUS	UT	3	006-107
B3.90	1B13-N2F-KA	RECIRCULATION INLET NOZZLE N2F TO VESSEL	UT	3	006-107
B3.100	1B13-N2F-IR	RECIRCULATION INLET NOZZLE N2F INNER RADIUS	UT	3	006-107
B3.90	1B13-N2G-KA	RECIRCULATION INLET NOZZLE N2G TO VESSEL	UT	3	006-107
B3.100	1B13-N2G-IR	RECIRCULATION INLET NOZZLE N2G INNER RADIUS	UT	3	006-107
B3.90	1B13-N2H-KA	RECIRCULATION INLET NOZZLE N2H TO VESSEL	UT	3	006-107
B3.100	1B13-N2H-IR	RECIRCULATION INLET NOZZLE N2H INNER RADIUS	UT	3	006-107
B3.90	1B13-N2J-KA	RECIRCULATION INLET NOZZLE N2J TO VESSEL	UT	1	006-107
B3.100	1B13-N2J-IR	RECIRCULATION INLET NOZZLE N2J INNER RADIUS	UT	1	006-107
B3.90	1B13-N2K-KA	RECIRCULATION INLET NOZZLE N2K TO VESSEL	UT	3	006-107
B3.100	1B13-N2K-IR	RECIRCULATION INLET NOZZLE N2K INNER RADIUS	UT	3	006-107
B3.90	1B13-N3A-KA	MS NOZZLE N3A TO VESSEL	UT	1	006-105
B3.100	1B13-N3A-IR	MS NOZZLE N3A INNER RADIUS	UT	1	006-105
B3.90	1B13-N3B-KA	MS NOZZLE N3B TO VESSEL	UT	3	006-105
B3.100	1B13-N3B-IR	MS NOZZLE N3B INNER RADIUS	UT	3	006-105
B3.90	1B13-N3C-KA	MS NOZZLE N3C TO VESSEL	UT	3	006-105
B3.100	1B13-N3C-IR	MS NOZZLE N3C INNER RADIUS	UT	3	006-105
B3.90	1B13-N3D-KA	MS NOZZLE N3D TO VESSEL	UT	3	006-105
B3.100	1B13-N3D-IR	MS NOZZLE N3D INNER RADIUS	UT	3	006-105
B3.90	1B13-N4A-KA	FW NOZZLE N4A TO VESSEL	UT	3	006-108
B3.100	1B13-N4A-IR	FW NOZZLE N4A INNER RADIUS	UT	3	006-108
B3.90	1B13-N4B-KA	FW NOZZLE N4B TO VESSEL	UT	3	006-108

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-D					
B3.100	1B13-N4B-IR	FW NOZZLE N4B INNER RADIUS	UT	3	006-108
B3.90	1B13-N4C-KA	FW NOZZLE N4C TO VESSEL	UT	1	006-108
B3.100	1B13-N4C-IR	FW NOZZLE N4C INNER RADIUS	UT	1	006-108
B3.90	1B13-N4D-KA	FW NOZZLE N4D TO VESSEL	UT	3	006-108
B3.100	1B13-N4D-IR	FW NOZZLE N4D INNER RADIUS	UT	3	006-108
B3.90	1B13-N4E-KA	FW NOZZLE N4E TO VESSEL	UT	3	006-108
B3.100	1B13-N4E-IR	FW NOZZLE N4E INNER RADIUS	UT	3	006-108
B3.90	1B13-N4F-KA	FW NOZZLE N4F TO VESSEL	UT	1	006-108
B3.100	1B13-N4F-IR	FW NOZZLE N4F INNER RADIUS	UT	1	006-108
B3.90	1B13-N5A-KA	CS NOZZLE N5A TO VESSEL	UT	3	006-109
B3.100	1B13-N5A-IR	CS NOZZLE N5A INNER RADIUS	UT	3	006-109
B3.90	1B13-N5B-KA	CS NOZZLE N5B TO VESSEL	UT	3	006-109
B3.100	1B13-N5B-IR	CS NOZZLE N5B INNER RADIUS	UT	3	006-109
B3.90	1B13-N6A-KA	RHR NOZZLE N6A TO VESSEL	UT	3	006-109
B3.100	1B13-N6A-IR	RHR NOZZLE N6A INNER RADIUS	UT	3	006-109
B3.90	1B13-N6B-KA	RHR NOZZLE N6B TO VESSEL	UT	3	006-109
B3.100	1B13-N6B-IR	RHR NOZZLE N6B INNER RADIUS	UT	3	006-109
B3.90	1B13-N6C-KA	RHR NOZZLE N6C TO VESSEL	UT	1	006-109
B3.100	1B13-N6C-IR	RHR NOZZLE N6C INNER RADIUS	UT	1	006-109
B3.90	1B13-N7-KA	TOP HEAD TO N7 HEAD SPARE NOZZLE	UT	3	006-103
B3.100	1B13-N7-IR	N7 HEAD SPARE NOZZLE INNER RADIUS	UT	3	006-103
B3.90	1B13-N8-KA	TOP HEAD TO N8 HEAD SPRAY NOZZLE	UT	1	006-103
B3.100	1B13-N8-IR	N8 HEAD SPRAY NOZZLE INNER RADIUS	UT	1	006-103
B3.90	1B13-N9A-KA	JET PUMP NOZZLE N9A TO VESSEL	UT	1	006-106
B3.100	1B13-N9A-IR	JET PUMP NOZZLE N9A INNER RADIUS	UT	1	006-106
B3.90	1B13-N9B-KA	JET PUMP NOZZLE N9B TO VESSEL	UT	3	006-106
B3.100	1B13-N9B-IR	JET PUMP NOZZLE N9B INNER RADIUS	UT	3	006-106
B3.90	1B13-N10-KA	CRD RETURN NOZZLE N10 TO VESSEL	UT	1	006-106
B3.100	1B13-N10-IR	CRD RETURN NOZZLE N10 INNER RADIUS	UT	1	006-106
B3.90	1B13-N15-KA	BOTTOM HEAD TO N15 DRAIN NOZZLE	UT	NS*	006-104
B3.90	1B13-N16-KA	VIBRATION NOZZLE N16 TO VESSEL	UT	1	006-105
B3.100	1B13-N16-IR	VIBRATION NOZZLE N16 INNER RADIUS	UT	1	006-105
B3.110		NOT APPLICABLE AT PNPP			
B3.120		NOT APPLICABLE AT PNPP			

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-D					
B3.130		NOT APPLICABLE AT PNPP			
B3.140		NOT APPLICABLE AT PNPP			
B3.150		NOT APPLICABLE AT PNPP			
B3.160		NOT APPLICABLE AT PNPP			

* Not Scheduled Due To Inaccessibility (See Relief Request IR-001).

EXAMINATION CATEGORY: B-E

1-75	B4.11	1B13-N11-KA	CORE DIFFERENTIAL PRESSURE NOZZLE	VT-2	3	006-104
	B4.13	1B13-N12A	INSTRUMENTATION NOZZLES	VT-2	3	006-106
	B4.13	1B13-N12B	INSTRUMENTATION NOZZLES	VT-2	3	006-106
	B4.13	1B13-N12C	INSTRUMENTATION NOZZLES	VT-2	3	006-106
	B4.13	1B13-N12D	INSTRUMENTATION NOZZLES	VT-2	3	006-106
	B4.13	1B13-N13A	INSTRUMENTATION NOZZLES	VT-2	3	006-106
	B4.13	1B13-N13B	INSTRUMENTATION NOZZLES	VT-2	3	006-106
	B4.13	1B13-N13C	INSTRUMENTATION NOZZLES	VT-2	3	006-106
	B4.13	1B13-N13D	INSTRUMENTATION NOZZLES	VT-2	3	006-106
	B4.13	1B13-N14A	INSTRUMENTATION NOZZLES	VT-2	3	006-106
	B4.13	1B13-N14B	INSTRUMENTATION NOZZLES	VT-2	3	006-106
	B4.13	1B13-N14C	INSTRUMENTATION NOZZLES	VT-2	3	006-106
	B4.13	1B13-N14D	INSTRUMENTATION NOZZLES	VT-2	3	006-106
	B4.11	1B13-N16-KA	LIQUID CONTROL NOZZLE	VT-2	3	006-104
	B4.12	1B13-CRD-NZ	177 CONTROL ROD DRIVE NOZZLES	VT-2	3	006-110
	B4.13	1B13-ICP-NZ	53 INCORE INSTRUMENTATION NOZZLES	VT-2	3	006-111
	B4.20		NOT APPLICABLE AT PNPP			

EXAMINATION CATEGORY: B-F

Rev. 3	B5.10	1B13-N1A-KB	RECIRCULATION OUTLET NOZZLE N1A TO SAFE-END	UT, PT	3	006-107
	B5.10	1B13-N1B-KB	RECIRCULATION OUTLET NOZZLE N1B TO SAFE-END	UT, PT	3	006-107
	B5.10	1B13-N2A-KB	RECIRCULATION INLET NOZZLE N2A TO SAFE-END	UT, PT	3	006-107
	B5.10	1B13-N2B-KB	RECIRCULATION INLET NOZZLE N2B TO SAFE-END	UT, PT	3	006-107
	B5.10	1B13-N2C-KB	RECIRCULATION INLET NOZZLE N2C TO SAFE-END	UT, PT	1	006-107
	B5.10	1B13-N2D-KB	RECIRCULATION INLET NOZZLE N2D TO SAFE-END	UT, PT	3	006-107

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-F					
B5.10	1B13-N2E-KB	RECIRCULATION INLET NOZZLE N2E TO SAFE-END	UT, PT	3	006-107
B5.10	1B13-N2F-KB	RECIRCULATION INLET NOZZLE N2F TO SAFE-END	UT, PT	3	006-107
B5.10	1B13-N2G-KB	RECIRCULATION INLET NOZZLE N2G TO SAFE-END	UT, PT	3	006-107
B5.10	1B13-N2H-KB	RECIRCULATION INLET NOZZLE N2H TO SAFE-END	UT, PT	3	006-107
B5.10	1B13-N2J-KB	RECIRCULATION INLET NOZZLE N2J TO SAFE-END	UT, PT	1	006-107
B5.10	1B13-N2K-KB	RECIRCULATION INLET NOZZLE N2K TO SAFE-END	UT, PT	1	006-107
B5.10	1B13-N3A-KB	MS NOZZLE N3A TO SAFE-END	UT, PT	1	006-105
B5.10	1B13-N3B-KB	MS NOZZLE N3B TO SAFE-END	UT, PT	3	006-105
B5.10	1B13-N3C-KB	MS NOZZLE N3C TO SAFE-END	UT, PT	3	006-105
B5.10	1B13-N3D-KB	MS NOZZLE N3D TO SAFE-END	UT, PT	3	006-105
B5.10	1B13-N4A-KB	FW NOZZLE N4A TO SAFE-END	UT, PT	3	006-108
B5.10	1B13-N4B-KB	FW NOZZLE N4B TO SAFE-END	UT, PT	3	006-108
B5.10	1B13-N4C-KB	FW NOZZLE N4C TO SAFE-END	UT, PT	1	006-108
B5.10	1B13-N4D-KB	FW NOZZLE N4D TO SAFE-END	UT, PT	3	006-108
B5.10	1B13-N4E-KB	FW NOZZLE N4E TO SAFE-END	UT, PT	3	006-108
B5.10	1B13-N4F-KB	FW NOZZLE N4F TO SAFE-END	UT, PT	1	006-108
B5.10	1B13-N5A-KB	CS NOZZLE N5A TO SAFE-END	UT, PT	3	006-109
B5.10	1B13-N5A-KC	CS NOZZLE N5A SAFE-END TO SAFE-END EXT	UT, PT	1	006-109
B5.10	1B13-N5B-KB	CS NOZZLE N5B TO SAFE-END	UT, PT	3	006-109
B5.10	1B13-N5B-KC	CS NOZZLE N5B SAFE-END TO SAFE-END EXT	UT, PT	1	006-109
B5.10	1B13-N6A-KB	RHR NOZZLE N6A TO SAFE-END	UT, PT	3	006-109
B5.10	1B13-N6A-KC	RHR NOZZLE N6A SAFE-END TO SAFE-END EXT	UT, PT	1	006-109
B5.10	1B13-N6B-KB	RHR NOZZLE N6B TO SAFE-END	UT, PT	3	006-109
B5.10	1B13-N6B-KC	RHR NOZZLE N6B SAFE-END TO SAFE-END EXT	UT, PT	1	006-109
B5.10	1B13-N6C-KB	RHR NOZZLE N6C TO SAFE-END	UT, PT	1	006-109
B5.10	1B13-N6C-KC	RHR NOZZLE N6C SAFE-END TO SAFE-END EXT	UT, PT	1	006-109
B5.10	1B13-N9A-KB	JET PUMP NOZZLE N9A TO SAFE-END	UT, PT	1	006-106
B5.10	1B13-N9B-KB	JET PUMP NOZZLE N9B TO SAFE-END	UT, PT	1	006-106
B5.10	1B13-N10-KB	CRD RETURN NOZZLE N10 TO SAFE-END	UT, PT	1	006-106
B5.20	1B13-N11-KB	N11 DIFFERENTIAL NOZZLE TO SAFE-END	PT	NS*	006-104
B5.20	1B13-N18-KB	N18 DIFFERENTIAL NOZZLE TO SAFE-END	PT	NS*	006-104
B5.130	1E12-0001A	20" CS PIPE TO 20" SS PIPE (RR TIE-IN)	UT, PT	2	642-118
B5.140	1C41-0004A	1-1/2" PIPE TO PIPE	PT	2	691-101
B5.140	1G33-0005	2" SS ELBOW TO CS PIPE	PT	3	671-101
B5.130	1G33-0087	4" X 22" SS SWEEPOLET TO 4" CS PIPE (CRC RR TIE-IN)	UT, PT	2	671-105

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-F					
B5.130	1G33-0113	4" X 22" SS SWEEPolet TO 4" CS PIPE (CRC RR TIE-IN)	UT, PT	1	671-107
B5.30		NOT APPLICABLE AT PNPP			
B5.40		NOT APPLICABLE AT PNPP			
B5.50		NOT APPLICABLE AT PNPP			
B5.60		NOT APPLICABLE AT PNPP			
B5.70		NOT APPLICABLE AT PNPP			
B5.80		NOT APPLICABLE AT PNPP			
B5.90		NOT APPLICABLE AT PNPP			
B5.100		NOT APPLICABLE AT PNPP			
B5.110		NOT APPLICABLE AT PNPP			
B5.120		NOT APPLICABLE AT PNPP			
B5.130	1G33-0071	4" SS PIPE TO 4" CS PIPE	UT/PT	2	671-103
B5.130	1G33-0080	4" CS PIPE TO 4" SS PIPE	UT/PT	1	671-105
B5.130	1G33-0106	4" CS PIPE TO 4" SS PIPE	UT/PT	3	671-107
B5.150	1G33-0013A	2" X 1 1/4" CS REDUCING INSERT TO SS THERMAL ELEMENT	PT	3	671-101
B5.150	1G33-0020A	2" X 1 1/4" CS REDUCING INSERT TO SS THERMAL ELEMENT	PT	2	671-101
B5.150	1G33-0007B	2" CS TEE TO 2" X 3/4 SS REDUCING INSERT	PT	3	671-101

*Not Scheduled Due to Inaccessibility (See Relief Request IR-001).

EXAMINATION CATEGORY: B-G-1

B6.10	1B13-A1-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
B6.20	1B13-A1-S	RPV CLOSURE HEAD STUD	UT	1	006-112
B6.30	1B13-A1-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-A1-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-A1-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-G-1					
B6.10	1B13-A2-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
B6.20	1B13-A2-S	RPV CLOSURE HEAD STUD	UT	1	006-112
B6.30	1B13-A2-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-A2-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-A2-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
B6.10	1B13-A3-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
B6.20	1B13-A3-S	RPV CLOSURE HEAD STUD	UT	1	006-112
B6.30	1B13-A3-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-A3-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-A3-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
1-78 B6.10	1B13-A4-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
B6.20	1B13-A4-S	RPV CLOSURE HEAD STUD	UT	1	006-112
B6.30	1B13-A4-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-A4-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-A4-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
B6.10	1B13-A5-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
B6.20	1B13-A5-S	RPV CLOSURE HEAD STUD	UT	1	006-112
B6.30	1B13-A5-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-A5-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-A5-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
B6.10	1B13-A6-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
B6.20	1B13-A6-S	RPV CLOSURE HEAD STUD	UT	1	006-112
B6.30	1B13-A6-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-A6-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-A6-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
B6.10	1B13-A7-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
B6.20	1B13-A7-S	RPV CLOSURE HEAD STUD	UT	1	006-112
B6.30	1B13-A7-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-A7-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-A7-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-	
EXAMINATION CATEGORY: B-G-1						
B6.10	1B13-A8-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112	
B6.20	1B13-A8-S	RPV CLOSURE HEAD STUD	UT	1	006-112	
B6.30	1B13-A8-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112	
B6.40	1B13-A8-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112	
B6.50	1B13-A8-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112	
B6.10	1B13-A9-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112	
B6.20	1B13-A9-S	RPV CLOSURE HEAD STUD	UT	1	006-112	
B6.30	1B13-A9-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112	
B6.40	1B13-A9-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112	
B6.50	1B13-A9-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112	
1-79	B6.10	1B13-B1-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
	B6.20	1B13-B1-S	RPV CLOSURE HEAD STUD	UT	1	006-112
	B6.30	1B13-B1-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
	B6.40	1B13-B1-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
	B6.50	1B13-B1-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
B6.10	1B13-B2-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112	
B6.20	1B13-B2-S	RPV CLOSURE HEAD STUD	UT	1	006-112	
B6.30	1B13-B2-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112	
B6.40	1B13-B2-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112	
B6.50	1B13-B2-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112	
B6.10	1B13-B3-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112	
B6.20	1B13-B3-S	RPV CLOSURE HEAD STUD	UT	1	006-112	
B6.30	1B13-B3-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112	
B6.40	1B13-B3-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112	
B6.50	1B13-B3-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112	
Rev. 3	B6.10	1B13-B4-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
	B6.20	1B13-B4-S	RPV CLOSURE HEAD STUD	UT	1	006-112
	B6.30	1B13-B4-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
	B6.40	1B13-B4-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
	B6.50	1B13-B4-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-G-1					
B6.10	1B13-B5-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
B6.20	1B13-B5-S	RPV CLOSURE HEAD STUD	UT	1	006-112
B6.30	1B13-B5-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-B5-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-B5-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
B6.10	1B13-B6-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
B6.20	1B13-B6-S	RPV CLOSURE HEAD STUD	UT	1	006-112
B6.30	1B13-B6-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-B6-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-B6-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
1-80 B6.10	1B13-B7-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
B6.20	1B13-B7-S	RPV CLOSURE HEAD STUD	UT	1	006-112
B6.30	1B13-B7-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-B7-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-B7-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
B6.10	1B13-B8-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
B6.20	1B13-B8-S	RPV CLOSURE HEAD STUD	UT	1	006-112
B6.30	1B13-B8-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-B8-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-B8-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
B6.10	1B13-B9-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
B6.20	1B13-B9-S	RPV CLOSURE HEAD STUD	UT	1	006-112
B6.30	1B13-B9-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-B9-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-B9-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
Rev. 3 B6.10	1B13-C1-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-C1-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-C1-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-C1-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-C1-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-G-1					
B6.10	1B13-C2-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-C2-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-C2-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-C2-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-C2-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
B6.10	1B13-C3-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-C3-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-C3-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-C3-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-C3-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
1-81 B6.10	1B13-C4-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-C4-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-C4-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-C4-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-C4-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
B6.10	1B13-C5-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-C5-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-C5-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-C5-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-C5-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
B6.10	1B13-C6-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-C6-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-C6-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-C6-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-C6-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
Rev. 3 B6.10	1B13-C7-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-C7-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-C7-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-C7-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-C7-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-	
EXAMINATION CATEGORY: B-G-1						
B6.10	1B13-C8-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112	
B6.20	1B13-C8-S	RPV CLOSURE HEAD STUD	UT	2	006-112	
B6.30	1B13-C8-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112	
B6.40	1B13-C8-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112	
B6.50	1B13-C8-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112	
B6.10	1B13-C9-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112	
B6.20	1B13-C9-S	RPV CLOSURE HEAD STUD	UT	2	006-112	
B6.30	1B13-C9-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112	
B6.40	1B13-C9-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112	
B6.50	1B13-C9-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112	
1-82	B6.10	1B13-D1-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
	B6.20	1B13-D1-S	RPV CLOSURE HEAD STUD	UT	1	006-112
	B6.30	1B13-D1-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
	B6.40	1B13-D1-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
	B6.50	1B13-D1-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
B6.10	1B13-D2-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112	
B6.20	1B13-D2-S	RPV CLOSURE HEAD STUD	UT	1	006-112	
B6.30	1B13-D2-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112	
B6.40	1B13-D2-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112	
B6.50	1B13-D2-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112	
B6.10	1B13-D3-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112	
B6.20	1B13-D3-S	RPV CLOSURE HEAD STUD	UT	1	006-112	
B6.30	1B13-D3-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112	
B6.40	1B13-D3-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112	
B6.50	1B13-D3-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112	
Rev. 3	B6.10	1B13-D4-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
	B6.20	1B13-D4-S	RPV CLOSURE HEAD STUD	UT	1	006-112
	B6.30	1B13-D4-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
	B6.40	1B13-D4-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
	B6.50	1B13-D4-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-G-1					
B6.10	1B13-D5-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
B6.20	1B13-D5-S	RPV CLOSURE HEAD STUD	UT	1	006-112
B6.30	1B13-D5-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-D5-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-D5-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
B6.10	1B13-D6-N	RPV CLOSURE HEAD NUT	UT/MT	1	006-112
B6.20	1B13-D6-S	RPV CLOSURE HEAD STUD	UT	1	006-112
B6.30	1B13-D6-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-D6-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-D6-W	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
1-83 B6.10	1B13-D7-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-D7-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-D7-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-D7-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-D7-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
B6.10	1B13-D8-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-D8-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-D8-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-D8-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-D8-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
B6.10	1B13-D9-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-D9-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-D9-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-D9-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-D9-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
B6.10	1B13-E1-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-E1-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-E1-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-E1-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E1-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-G-1					
B6.10	1B13-E2-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-E2-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-E2-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-E2-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E2-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
B6.10	1B13-E3-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-E3-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-E3-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-E3-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E3-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
1-84 B6.10	1B13-E4-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-E4-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-E4-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-E4-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E4-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
B6.10	1B13-E5-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-E5-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-E5-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-E5-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E5-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
B6.10	1B13-E6-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-E6-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-E6-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-E6-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E6-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
B6.10	1B13-E7-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-E7-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-E7-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-E7-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E7-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-G-1					
B6.10	1B13-E8-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-E8-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-E8-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-E8-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E8-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
B6.10	1B13-E9-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-E9-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-E9-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-E9-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E9-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
1-85 B6.10	1B13-F1-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-F1-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-F1-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-F1-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-F1-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
B6.10	1B13-F2-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-F2-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-F2-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-F2-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-F2-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
B6.10	1B13-F3-N	RPV CLOSURE HEAD NUT	UT/MT	2	006-112
B6.20	1B13-F3-S	RPV CLOSURE HEAD STUD	UT	2	006-112
B6.30	1B13-F3-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-F3-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-F3-W	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
Rev. 3 B6.10	1B13-F4-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-F4-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-F4-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-F4-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-F4-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-	
EXAMINATION CATEGORY: B-G-1						
B6.10	1B13-F5-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112	
B6.20	1B13-F5-S	RPV CLOSURE HEAD STUD	UT	3	006-112	
B6.30	1B13-F5-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112	
B6.40	1B13-F5-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112	
B6.50	1B13-F5-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112	
B6.10	1B13-F6-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112	
B6.20	1B13-F6-S	RPV CLOSURE HEAD STUD	UT	3	006-112	
B6.30	1B13-F6-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112	
B6.40	1B13-F6-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112	
B6.50	1B13-F6-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112	
1-86	B6.10	1B13-F7-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
	B6.20	1B13-F7-S	RPV CLOSURE HEAD STUD	UT	3	006-112
	B6.30	1B13-F7-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
	B6.40	1B13-F7-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
	B6.50	1B13-F7-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
B6.10	1B13-F8-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112	
B6.20	1B13-F8-S	RPV CLOSURE HEAD STUD	UT	3	006-112	
B6.30	1B13-F8-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112	
B6.40	1B13-F8-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112	
B6.50	1B13-F8-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112	
B6.10	1B13-F9-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112	
B6.20	1B13-F9-S	RPV CLOSURE HEAD STUD	UT	3	006-112	
B6.30	1B13-F9-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112	
B6.40	1B13-F9-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112	
B6.50	1B13-F9-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112	
Rev. 3	B6.10	1B13-G1-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
	B6.20	1B13-G1-S	RPV CLOSURE HEAD STUD	UT	3	006-112
	B6.30	1B13-G1-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
	B6.40	1B13-G1-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
	B6.50	1B13-G1-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-G-1					
B6.10	1B13-G2-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-G2-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-G2-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-G2-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-G2-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
B6.10	1B13-G3-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-G3-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-G3-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-G3-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-G3-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
1-87 B6.10	1B13-G4-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-G4-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-G4-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-G4-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-G4-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
B6.10	1B13-G5-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-G5-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-G5-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-G5-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-G5-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
B6.10	1B13-G6-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-G6-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-G6-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-G6-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-G6-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
Rev. 3 B6.10	1B13-G7-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-G7-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-G7-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-G7-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-G7-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-G-1					
B6.10	1B13-G8-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-G8-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-G8-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-G8-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-G8-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
B6.10	1B13-G9-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-G9-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-G9-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-G9-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-G9-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
1-88 B6.10	1B13-H1-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-H1-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-H1-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-H1-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-H1-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
B6.10	1B13-H2-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-H2-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-H2-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-H2-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-H2-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
B6.10	1B13-H3-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-H3-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-H3-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-H3-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-H3-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
Rev. 3 B6.10	1B13-H4-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-H4-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-H4-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-H4-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-H4-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-G-1					
B6.10	1B13-H5-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-H5-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-H5-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-H5-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-H5-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
B6.10	1B13-H6-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-H6-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-H6-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-H6-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-H6-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
1-89 B6.10	1B13-H7-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-H7-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-H7-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-H7-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-H7-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
B6.10	1B13-H8-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-H8-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-H8-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-H8-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-H8-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
B6.10	1B13-H9-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-H9-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-H9-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	SR	006-112
B6.40	1B13-H9-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-H9-W	RPV CLOSURE HEAD WASHER	VT-1	3	006-112

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-G-1					
B6.60		NOT APPLICABLE TO PNPP			
B6.70		NOT APPLICABLE TO PNPP			
B6.80		NOT APPLICABLE TO PNPP			
B6.90		NOT APPLICABLE TO PNPP			
B6.100		NOT APPLICABLE TO PNPP			
B6.110		NOT APPLICABLE TO PNPP			
B6.120		NOT APPLICABLE TO PNPP			
B6.130		NOT APPLICABLE TO PNPP			
B6.140		NOT APPLICABLE TO PNPP			
B6.150		NO BOLTING			
B6.160		NO BOLTING			
B6.170		NO BOLTING			
1-90					
B6.180	1B33-C001A-1B	PUMP BOLTING	UT	NS	602-105
B6.200	1B33-C001A-1N	NUT	VT-1	NS	602-105
B6.180	1B33-C001A-2B	PUMP BOLTING	UT	NS	602-105
B6.200	1B33-C001A-2N	NUT	VT-1	NS	602-105
B6.180	1B33-C001A-3B	PUMP BOLTING	UT	NS	602-105
B6.200	1B33-C001A-3N	NUT	VT-1	NS	602-105
B6.180	1B33-C001A-4B	PUMP BOLTING	UT	NS	602-105
B6.200	1B33-C001A-4N	NUT	VT-1	NS	602-105
B6.180	1B33-C001A-5B	PUMP BOLTING	UT	NS	602-105
B6.200	1B33-C001A-5N	NUT	VT-1	NS	602-105
B6.180	1B33-C001A-6B	PUMP BOLTING	UT	NS	602-105
B6.200	1B33-C001A-6N	NUT	VT-1	NS	602-105
B6.180	1B33-C001A-7B	PUMP BOLTING	UT	NS	602-105
B6.200	1B33-C001A-7N	NUT	VT-1	NS	602-105
B6.180	1B33-C001A-8B	PUMP BOLTING	UT	NS	602-105
B6.200	1B33-C001A-8N	NUT	VT-1	NS	602-105
B6.180	1B33-C001A-9B	PUMP BOLTING	UT	NS	602-105
B6.200	1B33-C001A-9N	NUT	VT-1	NS	602-105
B6.180	1B33-C001A-10B	PUMP BOLTING	UT	NS	602-105
B6.200	1B33-C001A-10N	NUT	VT-1	NS	602-105
B6.180	1B33-C001A-11B	PUMP BOLTING	UT	NS	602-105
B6.200	1B33-C001A-11N	NUT	VT-1	NS	602-105

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Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-G-1					
B6.180	1B33-C001A-12B	PUMP BOLTING	UT	NS	602-105
B6.200	1B33-C001A-12N	NUT	VT-1	NS	602-105
B6.180	1B33-C001A-13B	PUMP BOLTING	UT	NS	602-105
B6.200	1B33-C001A-13N	NUT	VT-1	NS	602-105
B6.180	1B33-C001A-14B	PUMP BOLTING	UT	NS	602-105
B6.200	1B33-C001A-14N	NUT	VT-1	NS	602-105
B6.180	1B33-C001A-15B	PUMP BOLTING	UT	NS	602-105
B6.200	1B33-C001A-15N	NUT	VT-1	NS	602-105
B6.180	1B33-C001A-16B	PUMP BOLTING	UT	NS	602-105
B6.200	1B33-C001A-16N	NUT	VT-1	NS	602-105
B6.190	1B33-C001A-FLG	FLANGE SURFACE WHEN DISASSEMBLED	VT-1	NS	602-105
B6.180	1B33-C001B-1B	PUMP BOLTING	UT	1	602-105
B6.200	1B33-C001B-1N	NUT	VT-1	1	602-105
B6.180	1B33-C001B-2B	PUMP BOLTING	UT	1	602-105
B6.200	1B33-C001B-2N	NUT	VT-1	1	602-105
B6.180	1B33-C001B-3B	PUMP BOLTING	UT	1	602-105
B6.200	1B33-C001B-3N	NUT	VT-1	1	602-105
B6.180	1B33-C001B-4B	PUMP BOLTING	UT	1	602-105
B6.200	1B33-C001B-4N	NUT	VT-1	1	602-105
B6.180	1B33-C001B-5B	PUMP BOLTING	UT	1	602-105
B6.200	1B33-C001B-5N	NUT	VT-1	1	602-105
B6.180	1B33-C001B-6B	PUMP BOLTING	UT	2	602-105
B6.200	1B33-C001B-6N	NUT	VT-1	2	602-105
B6.180	1B33-C001B-7B	PUMP BOLTING	UT	2	602-105
B6.200	1B33-C001B-7N	NUT	VT-1	2	602-105
B6.180	1B33-C001B-8B	PUMP BOLTING	UT	2	602-105
B6.200	1B33-C001B-8N	NUT	VT-1	2	602-105
B6.180	1B33-C001B-9B	PUMP BOLTING	UT	2	602-105
B6.200	1B33-C001B-9N	NUT	VT-1	2	602-105
B6.180	1B33-C001B-10B	PUMP BOLTING	UT	2	602-105
B6.200	1B33-C001B-10N	NUT	VT-1	2	602-105
B6.180	1B33-C001B-11B	PUMP BOLTING	UT	3	602-105
B6.200	1B33-C001B-11N	NUT	VT-1	3	602-105

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-G-1					
B6.180	1B33-C001B-12B	PUMP BOLTING	UT	3	602-105
B6.200	1B33-C001B-12N	NUT	VT-1	3	602-105
B6.180	1B33-C001B-13B	PUMP BOLTING	UT	3	602-105
B6.200	1B33-C001B-13N	NUT	VT-1	3	602-105
B6.180	1B33-C001B-14B	PUMP BOLTING	UT	3	602-105
B6.200	1B33-C001B-14N	NUT	VT-1	3	602-105
B6.180	1B33-C001B-15B	PUMP BOLTING	UT	3	602-105
B6.200	1B33-C001B-15N	NUT	VT-1	3	602-105
B6.180	1B33-C001B-16B	PUMP BOLTING	UT	3	602-105
B6.200	1B33-C001B-16N	NUT	VT-1	3	602-105
B6.190	1B33-C001B-FLG	FLANGE SURFACE WHEN DISASSEMBLED	VT-1	1	602-105
1-92	B6.210	1B21-F022A-1B	UT	NS	605-101
	B6.210	1B21-F022A-2B	UT	NS	605-101
	B6.210	1B21-F022A-3B	UT	NS	605-101
	B6.210	1B21-F022A-4B	UT	NS	605-101
	B6.210	1B21-F022A-5B	UT	NS	605-101
	B6.210	1B21-F022A-6B	UT	NS	605-101
	B6.210	1B21-F022A-7B	UT	NS	605-101
	B6.210	1B21-F022A-8B	UT	NS	605-101
	B6.210	1B21-F022A-9B	UT	NS	605-101
	B6.210	1B21-F022A-10B	UT	NS	605-101
	B6.210	1B21-F022A-11B	UT	NS	605-101
	B6.210	1B21-F022A-12B	UT	NS	605-101
	B6.210	1B21-F022A-13B	UT	NS	605-101
	B6.210	1B21-F022A-14B	UT	NS	605-101
	B6.210	1B21-F022A-15B	UT	NS	605-101
	B6.210	1B21-F022A-16B	UT	NS	605-101
	B6.210	1B21-F022A-17B	UT	NS	605-101
	B6.210	1B21-F022A-18B	UT	NS	605-101
B6.220	1B21-F022A-FLG	MSIV FLANGE SURFACE	VT-1	NS	605-101
B6.230	1B21-F022A-N	MSIV NUTS AND WASHERS, 18 EACH	VT-1	NS	605-101

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-G-1					
B6.210	1B21-F022B-1B	MSIV STUD	UT	NS	605-102
B6.210	1B21-F022B-2B	MSIV STUD	UT	NS	605-102
B6.210	1B21-F022B-3B	MSIV STUD	UT	NS	605-102
B6.210	1B21-F022B-4B	MSIV STUD	UT	NS	605-102
B6.210	1B21-F022B-5B	MSIV STUD	UT	NS	605-102
B6.210	1B21-F022B-6B	MSIV STUD	UT	NS	605-102
B6.210	1B21-F022B-7B	MSIV STUD	UT	NS	605-102
B6.210	1B21-F022B-8B	MSIV STUD	UT	NS	605-102
B6.210	1B21-F022B-9B	MSIV STUD	UT	NS	605-102
B6.210	1B21-F022B-10B	MSIV STUD	UT	NS	605-102
B6.210	1B21-F022B-11B	MSIV STUD	UT	NS	605-102
B6.210	1B21-F022B-12B	MSIV STUD	UT	NS	605-102
B6.210	1B21-F022B-13B	MSIV STUD	UT	NS	605-102
B6.210	1B21-F022B-14B	MSIV STUD	UT	NS	605-102
B6.210	1B21-F022B-15B	MSIV STUD	UT	NS	605-102
B6.210	1B21-F022B-16B	MSIV STUD	UT	NS	605-102
B6.210	1B21-F022B-17B	MSIV STUD	UT	NS	605-102
B6.210	1B21-F022B-18B	MSIV STUD	UT	NS	605-102
B6.220	1B21-F022B-FLG	MSIV FLANGE SURFACE	VT-1	NS	605-102
B6.230	1B21-F022B-N	MSIV NUTS AND WASHERS, 18 EACH	VT-1	NS	605-102
B6.210	1B21-F022C-1B	MSIV STUD	UT	NS	605-103
B6.210	1B21-F022C-2B	MSIV STUD	UT	NS	605-103
B6.210	1B21-F022C-3B	MSIV STUD	UT	NS	605-103
B6.210	1B21-F022C-4B	MSIV STUD	UT	NS	605-103
B6.210	1B21-F022C-5B	MSIV STUD	UT	NS	605-103
B6.210	1B21-F022C-6B	MSIV STUD	UT	NS	605-103
B6.210	1B21-F022C-7B	MSIV STUD	UT	NS	605-103
B6.210	1B21-F022C-8B	MSIV STUD	UT	NS	605-103
B6.210	1B21-F022C-9B	MSIV STUD	UT	NS	605-103
B6.210	1B21-F022C-10B	MSIV STUD	UT	NS	605-103
B6.210	1B21-F022C-11B	MSIV STUD	UT	NS	605-103
B6.210	1B21-F022C-12B	MSIV STUD	UT	NS	605-103
B6.210	1B21-F022C-13B	MSIV STUD	UT	NS	605-103

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-G-1					
B6.210	1B21-F022C-14B	MSIV STUD	UT	NS	605-103
B6.210	1B21-F022C-15B	MSIV STUD	UT	NS	605-103
B6.210	1B21-F022C-16B	MSIV STUD	UT	NS	605-103
B6.210	1B21-F022C-17B	MSIV STUD	UT	NS	605-103
B6.210	1B21-F022C-18B	MSIV STUD	UT	NS	605-103
B6.220	1B21-F022C-FLG	MSIV FLANGE SURFACE	VT-1	NS	605-103
B6.230	1B21-F022C-N	MSIV NUTS AND WASHERS, 18 EACH	VT-1	NS	605-103
B6.210	1B21-F022D-1B	MSIV STUD	UT	NS	605-104
B6.210	1B21-F022D-2B	MSIV STUD	UT	NS	605-104
B6.210	1B21-F022D-3B	MSIV STUD	UT	NS	605-104
B6.210	1B21-F022D-4B	MSIV STUD	UT	NS	605-104
B6.210	1B21-F022D-5B	MSIV STUD	UT	NS	605-104
B6.210	1B21-F022D-6B	MSIV STUD	UT	NS	605-104
B6.210	1B21-F022D-7B	MSIV STUD	UT	NS	605-104
B6.210	1B21-F022D-8B	MSIV STUD	UT	NS	605-104
B6.210	1B21-F022D-9B	MSIV STUD	UT	NS	605-104
B6.210	1B21-F022D-10B	MSIV STUD	UT	NS	605-104
B6.210	1B21-F022D-11B	MSIV STUD	UT	NS	605-104
B6.210	1B21-F022D-12B	MSIV STUD	UT	NS	605-104
B6.210	1B21-F022D-13B	MSIV STUD	UT	NS	605-104
B6.210	1B21-F022D-14B	MSIV STUD	UT	NS	605-104
B6.210	1B21-F022D-15B	MSIV STUD	UT	NS	605-104
B6.210	1B21-F022D-16B	MSIV STUD	UT	NS	605-104
B6.210	1B21-F022D-17B	MSIV STUD	UT	NS	605-104
B6.210	1B21-F022D-18B	MSIV STUD	UT	NS	605-104

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Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-G-1					
B6.220	1B21-F022D-FLG	MSIV FLANGE SURFACE	VT-1	NS	605-104
B6.230	1B21-F022D-N	MSIV NUT AND WASHERS, 18 EACH	VT-1	NS	605-104
B6.210	1B21-F028A-1B	MSIV STUD	UT	1	605-111
B6.210	1B21-F028A-2B	MSIV STUD	UT	1	605-111
B6.210	1B21-F028A-3B	MSIV STUD	UT	1	605-111
B6.210	1B21-F028A-4B	MSIV STUD	UT	1	605-111
B6.210	1B21-F028A-5B	MSIV STUD	UT	1	605-111
B6.210	1B21-F028A-6B	MSIV STUD	UT	1	605-111
B6.210	1B21-F028A-7B	MSIV STUD	UT	1	605-111
B6.210	1B21-F028A-8B	MSIV STUD	UT	1	605-111
B6.210	1B21-F028A-9B	MSIV STUD	UT	1	605-111
B6.210	1B21-F028A-10B	MSIV STUD	UT	1	605-111
B6.210	1B21-F028A-11B	MSIV STUD	UT	1	605-111
B6.210	1B21-F028A-12B	MSIV STUD	UT	1	605-111
B6.210	1B21-F028A-13B	MSIV STUD	UT	1	605-111
B6.210	1B21-F028A-14B	MSIV STUD	UT	1	605-111
B6.210	1B21-F028A-15B	MSIV STUD	UT	1	605-111
B6.210	1B21-F028A-16B	MSIV STUD	UT	1	605-111
B6.210	1B21-F028A-17B	MSIV STUD	UT	1	605-111
B6.210	1B21-F028A-18B	MSIV STUD	UT	1	605-111
B6.220	1B21-F028A-FLG	MSIV FLANGE SURFACE	VT-1	1	605-111
B6.230	1B21-F028A-N	MSIV NUTS AND WASHERS, 18 EACH	VT-1	1	605-111
B6.210	1B21-F028B-1B	MSIV STUD	UT	NS	605-108
B6.210	1B21-F028B-2B	MSIV STUD	UT	NS	605-108
B6.210	1B21-F028B-3B	MSIV STUD	UT	NS	605-108
B6.210	1B21-F028B-4B	MSIV STUD	UT	NS	605-108
B6.210	1B21-F028B-5B	MSIV STUD	UT	NS	605-108
B6.210	1B21-F028B-6B	MSIV STUD	UT	NS	605-108
B6.210	1B21-F028B-7B	MSIV STUD	UT	NS	605-108
B6.210	1B21-F028B-8B	MSIV STUD	UT	NS	605-108
B6.210	1B21-F028B-9B	MSIV STUD	UT	NS	605-108

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-G-1					
B6.210	1B21-F028B-10B	MSIV STUD	UT	NS	605-108
B6.210	1B21-F028B-11B	MSIV STUD	UT	NS	605-108
B6.210	1B21-F028B-12B	MSIV STUD	UT	NS	605-108
B6.210	1B21-F028B-13B	MSIV STUD	UT	NS	605-108
B6.210	1B21-F028B-14B	MSIV STUD	UT	NS	605-108
B6.210	1B21-F028B-15B	MSIV STUD	UT	NS	605-108
B6.210	1B21-F028B-16B	MSIV STUD	UT	NS	605-108
B6.210	1B21-F028B-17B	MSIV STUD	UT	NS	605-108
B6.210	1B21-F028B-18B	MSIV STUD	UT	NS	605-108
B6.220	1B21-F028B-FLG	MSIV FLANGE SURFACE	VT-1	NS	605-108
B6.230	1B21-F028B-N	MSIV NUTS AND WASHERS, 18 EACH	VT-1	NS	605-108
B6.210	1B21-F028C-1B	MSIV STUD	UT	NS	605-109
B6.210	1B21-F028C-2B	MSIV STUD	UT	NS	605-109
B6.210	1B21-F028C-3B	MSIV STUD	UT	NS	605-109
B6.210	1B21-F028C-4B	MSIV STUD	UT	NS	605-109
B6.210	1B21-F028C-5B	MSIV STUD	UT	NS	605-109
B6.210	1B21-F028C-6B	MSIV STUD	UT	NS	605-109
B6.210	1B21-F028C-7B	MSIV STUD	UT	NS	605-109
B6.210	1B21-F028C-8B	MSIV STUD	UT	NS	605-109
B6.210	1B21-F028C-9B	MSIV STUD	UT	NS	605-109
B6.210	1B21-F028C-10B	MSIV STUD	UT	NS	605-109
B6.210	1B21-F028C-11B	MSIV STUD	UT	NS	605-109
B6.210	1B21-F028C-12B	MSIV STUD	UT	NS	605-109
B6.210	1B21-F028C-13B	MSIV STUD	UT	NS	605-109
B6.210	1B21-F028C-14B	MSIV STUD	UT	NS	605-109
B6.210	1B21-F028C-15B	MSIV STUD	UT	NS	605-109
B6.210	1B21-F028C-16B	MSIV STUD	UT	NS	605-109
B6.210	1B21-F028C-17B	MSIV STUD	UT	NS	605-109
B6.210	1B21-F028C-18B	MSIV STUD	UT	NS	605-109
B6.220	1B21-F028C-FLG	MSIV FLANGE SURFACE	VT-1	NS	605-109
B6.230	1B21-F028C-N	MSIV NUTS AND WASHERS, 18 EACH	VT-1	NS	605-109

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-G-1					
B6.210	1B21-F028D-1B	MSIV STUD	UT	NS	605-110
B6.210	1B21-F028D-2B	MSIV STUD	UT	NS	605-110
B6.210	1B21-F028D-3B	MSIV STUD	UT	NS	605-110
B6.210	1B21-F028D-4B	MSIV STUD	UT	NS	605-110
B6.210	1B21-F028D-5B	MSIV STUD	UT	NS	605-110
B6.210	1B21-F028D-6B	MSIV STUD	UT	NS	605-110
B6.210	1B21-F028D-7B	MSIV STUD	UT	NS	605-110
B6.210	1B21-F028D-8B	MSIV STUD	UT	NS	605-110
B6.210	1B21-F028D-9B	MSIV STUD	UT	NS	605-110
B6.210	1B21-F028D-10B	MSIV STUD	UT	NS	605-110
B6.210	1B21-F028D-11B	MSIV STUD	UT	NS	605-110
B6.210	1B21-F028D-12B	MSIV STUD	UT	NS	605-110
B6.210	1B21-F028D-13B	MSIV STUD	UT	NS	605-110
B6.210	1B21-F028D-14B	MSIV STUD	UT	NS	605-110
B6.210	1B21-F028D-15B	MSIV STUD	UT	NS	605-110
B6.210	1B21-F028D-16B	MSIV STUD	UT	NS	605-110
B6.210	1B21-F028D-17B	MSIV STUD	UT	NS	605-110
B6.210	1B21-F028D-18B	MSIV STUD	UT	NS	605-110
B6.220	1B21-F028D-FLG	MSIV FLANGE SURFACE	VT-1	NS	605-110
B6.230	1B21-F028D-N	MSIV NUTS AND WASHERS, 18 EACH	VT-1	NS	605-110

EXAMINATION CATEGORY: B-G-2

B7.10	1B13-N7-B	N7 RPV HEAD SPARE NOZZLE BOLTING	VT-1	2	006-103
B7.10	1B13-N8-B	N8 RPV HEAD SPRAY NOZZLE BOLTING	VT-1	1,2,3*	006-103
B7.10	1B13-N16-B	N16 VIBRATION NOZZLE BOLTING	VT-1	1	006-105
B7.20		NO BOLTING			
B7.30		NO BOLTING			
B7.40		NO BOLTING			

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-G-2					
B7.50	1B21-F041A-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-101
B7.50	1B21-F041B-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-102
B7.50	1B21-F041C-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-103
B7.50	1B21-F041D-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-104
B7.50	1B21-F041E-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-101
B7.50	1B21-F041F-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-102
B7.50	1B21-F041G-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-103
B7.50	1B21-F041K-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-102
B7.50	1B21-F047B-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-102
B7.50	1B21-F047C-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-103
B7.50	1B21-F047D-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-104
B7.50	1B21-F047F-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-102
B7.50	1B21-F047G-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-103
B7.50	1B21-F047H-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-104
B7.50	1B21-F051A-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-101
B7.50	1B21-F051B-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-102
B7.50	1B21-F051C-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-103
B7.50	1B21-F051D-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-104
B7.50	1B21-F051G-B	SRV BOLTING, 12 EACH	VT-1	1,2,3*	605-103
B7.50	1B21-0168-B	HEAD VENT/POOL FLOOR FLANGE CONNECTION BOLTING	VT-1	1,2,3*	605-106
B7.50	1B21-0186-B	FLANGE BOLTING AT RPV HEAD VENT CONN TO HEAD SPRAY TEE	VT-1	1,2,3*	605-105
B7.50	1B33-0010-B	BLANK FLANGE DECON CONNECTION	VT-1	2	602-102
B7.50	1B33-0017-B	BLANK FLANGE DECON CONNECTION	VT-1	3	602-102
B7.50	1B33-0072-B	BLANK FLANGE DECON CONNECTION	VT-1	3	602-104
B7.50	1B33-0079-B	BLANK FLANGE DECON CONNECTION	VT-1	3	602-104
B7.50	1E51-0001-B	FLANGE BOLTING	VT-1	1,2,3*	631-108
B7.50	1E51-0009-B	FLANGE BOLTING	VT-1	1,2,3*	631-108
B7.70	1B33-F023A-B	22" VALVE BOLTING	VT-1	1	602-102
B7.70	1B33-F023B-B	22" VALVE BOLTING	VT-1	3	602-104
B7.70	1B33-F060A-B	24" VALVE BOLTING	VT-1	1	602-102
B7.70	1B33-F060B-B	24" VALVE BOLTING	VT-1	2	602-104
B7.70	1B33-F067A-B	24" VALVE BOLTING	VT-1	2	602-102
B7.70	1B33-F067B-B	24" VALVE BOLTING	VT-1	3	602-104
B7.70	1E22-F0004-B	12" VALVE BOLTING	VT-1	2	701-108

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-G-2					
B7.80	1B13-02/23-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-02/27-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-02/31-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-02/35-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-02/39-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-06/15-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-06/19-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-06/23-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-06/27-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-06/31-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-06/35-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-06/39-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-06/43-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-06/47-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-10/11-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-10/15-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-10/19-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-10/23-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-10/27-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-10/31-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-10/35-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-10/39-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-10/43-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-10/47-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-10/51-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-14/07-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-14/11-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-14/15-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-14/19-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-14/23-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-14/27-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-14/31-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-14/35-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-14/39-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-14/43-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-G-2					
B7.80	1B13-14/47-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-14/51-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-14/55-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-18/07-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-18/11-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-18/15-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-18/19-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-18/23-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-18/27-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-18/31-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-18/35-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-18/39-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-18/43-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-18/47-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-18/51-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-18/55-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-22/03-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-22/07-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-22/11-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-22/15-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-22/19-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-22/23-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-22/27-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-22/31-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-22/35-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-22/39-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-22/43-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-22/47-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-22/51-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-22/55-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-22/59-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-26/03-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-26/07-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-26/11-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-26/15-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-G-2					
B7.80	1B13-26/19-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-26/23-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-26/27-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-26/31-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-26/35-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-26/39-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-26/43-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-26/47-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-26/51-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-26/55-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-26/59-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-30/03-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-30/07-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-30/11-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-30/15-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-30/19-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-30/23-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-30/27-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-30/31-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-30/35-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-30/39-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-30/43-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-30/47-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-30/51-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-30/55-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-30/59-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-34/03-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-34/07-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-34/11-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-34/15-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-34/19-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-34/23-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-34/27-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-34/31-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-34/35-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110

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Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-G-2					
B7.80	1B13-34/39-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-34/43-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-34/47-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-34/51-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-34/55-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-34/59-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-38/03-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-38/07-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-38/11-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-38/15-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-38/19-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-38/23-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-38/27-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-38/31-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-38/35-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-38/39-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-38/43-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-38/47-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-38/51-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-38/55-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-38/59-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-42/07-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-42/11-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-42/15-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-42/19-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-42/23-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-42/27-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-42/31-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-42/35-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-42/39-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-42/43-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-42/47-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-42/51-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-42/55-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-46/07-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-G-2					
B7.80	1B13-46/11-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-46/15-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-46/19-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-46/23-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-46/27-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-46/31-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-46/35-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-46/39-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-46/43-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-46/47-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-46/51-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-46/55-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-50/11-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-50/15-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-50/19-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-50/23-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-50/27-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-50/31-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-50/35-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-50/39-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-50/43-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-50/47-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-50/51-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-54/15-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-54/19-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-54/23-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-54/27-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-54/31-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-54/35-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-54/39-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-54/43-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-54/47-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-58/23-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-58/27-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-58/31-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-G-2					
B7.80	1B13-58/35-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
B7.80	1B13-58/39-B	CRD FLANGE BOLTING WHEN DISASSEMBLED	VT-1	SR	006-110
* To Be Performed Every Refueling Outage					
EXAMINATION CATEGORY: B-H					
B8.10	1B13-CG	BOTTOM HEAD TO SKIRT	MT	1,2,3	006-104
B8.20		NOT APPLICABLE AT PNPP			
B8.30		NOT APPLICABLE AT PNPP			
B8.40		NOT APPLICABLE AT PNPP			
EXAMINATION CATEGORY: B-J					
B9.11	1B13-0001	RPV VENT & HEAD SPRAY TEE, FLANGE TO TEE	UT, PT	NS	631-108
B9.11	1B13-0002	RPV VENT & HEAD SPRAY TEE, TEE TO ECCENTRIC REDUCER	UT, PT	NS	631-108
B9.11	1B13-0003	RPV VENT & HEAD SPRAY TEE, ECCENTRIC REDUCER TO FLANGE	UT, PT	3	631-108
B9.11	1B13-0004	RPV VENT & HEAD SPRAY TEE, TEE TO FLANGE AT N8 CONNECTION	UT, PT	NS	631-108
B9.11	1B13-N9A-KC	JET PUMP INSTRUMENTATION NOZZLE N9A SAFE-END TO PENETRATION SEAL	UT, PT	1	006-106
B9.11	1B13-N9B-KC	JET PUMP INSTRUMENTATION NOZZLE N9B SAFE-END TO PENETRATION SEAL	UT, PT	1	006-106
B9.21	1B13-N10-KC	CRD RETURN NOZZLE SAFE-END TO CAP	PT	1	006-106
B9.11	1B21-0001	NOZZLE N3C SAFE-END TO 26" PIPE	UT, PT	2	605-103
B9.12	1B21-0001-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	2	605-103
B9.11	1B21-0002	26" PIPE TO ELBOW (HIGH STRESS)	UT, PT	2	605-103
B9.12	1B21-0002-U	26" PIPE SEAM, UPSTREAM	UT, PT	2	605-103
B9.12	1B21-0002-D	26" ELBOW SEAM, DOWNSTREAM	UT, PT	2	605-103
B9.11	1B21-0003	26" ELBOW TO PIPE	UT, PT	2	605-103
B9.12	1B21-0003-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	2	605-103
B9.12	1B21-0003-U	26" ELBOW SEAM, UPSTREAM	UT, PT	2	605-103
B9.11	1B21-0004	26" PIPE TO 30° PIPE BEND	UT, PT	NS	605-103
B9.12	1B21-0004-U	26" PIPE SEAM, UPSTREAM	UT, PT	NS	605-103
B9.12	1B21-0004-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	NS	605-103
B9.11	1B21-0005	26" PIPE TO ELBOW	UT, PT	NS	605-103
B9.12	1B21-0005-U	26" PIPE SEAM, UPSTREAM	UT, PT	NS	605-103

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.12	1B21-0005-D	26" ELBOW SEAM, DOWNSTREAM	UT, PT	NS	605-103
B9.11	1B21-0006	26" PIPE TO ELBOW	UT, PT	2	605-103
B9.12	1B21-0006-U	26" ELBOW SEAM, UPSTREAM	UT, PT	2	605-103
B9.12	1B21-0006-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	2	605-103
B9.31	1B21-0007	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	1	605-103
B9.31	1B21-0008	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	2	605-103
B9.31	1B21-0009	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	NS	605-103
B9.31	1B21-0010	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	(2)	605-103
B9.31	1B21-0011	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	NS	605-103
B9.31	1B21-0012	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	NS	605-103
B9.11	1B21-0013	26" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	605-103
B9.12	1B21-0013-U	26" PIPE SEAM, UPSTREAM	UT, PT	NS	605-103
B9.12	1B21-0013-D1	26" ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	NS	605-103
B9.12	1B21-0013-D2	26" ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS	605-103
B9.11	1B21-0013A	26" PIPE TO PIPE (HIGH STRESS)	UT, PT	NS	605-103
B9.12	1B21-0013A-U	26" PIPE SEAM, UPSTREAM	UT, PT	NS	605-103
B9.12	1B21-0013A-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	NS	605-103
B9.11	1B21-0014	26" ELBOW TO VALVE B21-F022C	UT, PT	NS	605-103
B9.12	1B21-0014-U1	26" ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS	605-103
B9.12	1B21-0014-U2	26" ELBOW LONG SEAM, UPSTREAM	UT, PT	NS	605-103
B9.11	1B21-0015	26" VALVE B21-F022C TO PENETRATION P122 PROCESS PIPE	UT, PT	3	605-103
B9.11	1B21-0016	26" PENETRATION P122 PROCESS PIPE TO VALVE B21-F028C	UT, PT	1	605-109
B9.11	1B21-0020	10" CONTOUR NOZZLE TO FLANGE	UT, PT	NS	605-103
B9.11	1B21-0021	10" CONTOUR NOZZLE TO FLANGE	UT, PT	NS	605-103
B9.11	1B21-0022	10" CONTOUR NOZZLE TO FLANGE	UT, PT	NS	605-103
B9.11	1B21-0023	10" CONTOUR NOZZLE TO FLANGE	UT, PT	NS	605-103
B9.11	1B21-0024	10" CONTOUR NOZZLE TO FLANGE	UT, PT	NS	605-103
B9.11	1B21-0025	10" CONTOUR NOZZLE TO FLANGE	UT, PT	(2)	605-103
B9.11	1B21-0038	NOZZLE N3D SAFE-END TO 26" PIPE	UT, PT	3	605-104
B9.12	1B21-0038-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	3	605-104
B9.11	1B21-0039	26" PIPE TO ELBOW (HIGH STRESS)	UT, PT	3	605-104
B9.12	1B21-0039-U	26" PIPE SEAM, UPSTREAM	UT, PT	3	605-104
B9.12	1B21-0039-D	26" ELBOW SEAM, DOWNSTREAM	UT, PT	3	605-104
B9.11	1B21-0040	26" PIPE TO ELBOW (HIGH STRESS)	UT, PT	3	605-104
B9.12	1B21-0040-U	26" ELBOW SEAM, UPSTREAM	UT, PT	3	605-104

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.12	1B21-0040-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	3	605-104
B9.11	1B21-0041	26" PIPE TO PIPE	UT, PT	NS	605-104
B9.12	1B21-0041-U	26" PIPE SEAM, UPSTREAM	UT, PT	NS	605-104
B9.12	1B21-0041-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	NS	605-104
B9.11	1B21-0042	26" PIPE TO ELBOW	UT, PT	NS	605-104
B9.12	1B21-0042-U	26" PIPE SEAM, UPSTREAM	UT, PT	NS	605-104
B9.12	1B21-0042-D	26" ELBOW SEAM, DOWNSTREAM	UT, PT	NS	605-104
B9.11	1B21-0043	26" ELBOW TO PIPE	UT, PT	(2)	605-104
B9.12	1B21-0043-U	26" ELBOW SEAM, UPSTREAM	UT, PT	(2)	605-104
B9.12	1B21-0043-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	(2)	605-104
B9.31	1B21-0044	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	(2)	605-104
B9.31	1B21-0045	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	NS	605-104
B9.31	1B21-0046	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	NS	605-104
B9.31	1B21-0047	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	NS	605-104
B9.11	1B21-0048	26" PIPE TO ELBOW (HIGH STRESS)	UT, PT	3	605-104
B9.12	1B21-0048-U	26" PIPE SEAM, UPSTREAM	UT, PT	3	605-104
B9.12	1B21-0048-D1	26" ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	3	605-104
B9.12	1B21-0048-D2	26" ELBOW LONG SEAM, DOWNSTREAM	UT, PT	3	605-104
B9.11	1B21-0049	26" ELBOW TO VALVE B21-F022D	UT, PT	NS	605-104
B9.12	1B21-0049-U1	26" ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS	605-104
B9.12	1B21-0049-U2	26" ELBOW LONG SEAM, UPSTREAM	UT, PT	NS	605-104
B9.11	1B21-0050	26" VLV B21-F022D TO P415 PROCESS PIPE	UT, PT	NS	605-104
B9.11	1B21-0051	26" P415 PROCESS PIPE TO VLV B21-F028D	UT, PT	1	605-110
B9.11	1B21-0055	10" CONTOUR NOZZLE TO FLANGE	UT, PT	NS	605-104
B9.11	1B21-0056	10" CONTOUR NOZZLE TO FLANGE	UT, PT	NS	605-104
B9.11	1B21-0057	10" CONTOUR NOZZLE TO FLANGE	UT, PT	NS	605-104
B9.11	1B21-0058	10" CONTOUR NOZZLE TO FLANGE	UT, PT	NS	605-104
B9.11	1B21-0078	NOZZLE N3B SAFE-END TO 26" PIPE	UT, PT	1	605-102
B9.12	1B21-0078-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	1	605-102
B9.11	1B21-0079	26" PIPE TO ELBOW (HIGH STRESS)	UT, PT	1	605-102
B9.12	1B21-0079-U	26" PIPE SEAM, UPSTREAM	UT, PT	1	605-102
B9.12	1B21-0079-D	26" ELBOW SEAM, DOWNSTREAM	UT, PT	1	605-102
B9.11	1B21-0080	26" PIPE TO ELBOW	UT, PT	1	605-102
B9.12	1B21-0080-U	26" ELBOW SEAM, UPSTREAM	UT, PT	1	605-102
B9.12	1B21-0080-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	1	605-102

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.11	1B21-0081	26" PIPE TO PIPE	UT, PT	NS	605-102
B9.12	1B21-0081-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	NS	605-102
B9.12	1B21-0081-U	26" PIPE SEAM, UPSTREAM	UT, PT	NS	605-102
B9.11	1B21-0082	26" PIPE TO ELBOW	UT, PT	NS	605-102
B9.12	1B21-0082-U	26" PIPE SEAM, UPSTREAM	UT, PT	NS	605-102
B9.12	1B21-0082-D	26" ELBOW SEAM, DOWNSTREAM	UT, PT	NS	605-102
B9.11	1B21-0083	26" ELBOW TO PIPE	UT, PT	2	605-102
B9.12	1B21-0083-U	26" ELBOW SEAM, UPSTREAM	UT, PT	2	605-102
B9.12	1B21-0083-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	2	605-102
B9.31	1B21-0084	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	(1)	605-102
B9.31	1B21-0085	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	1	605-102
B9.31	1B21-0086	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	NS	605-102
B9.31	1B21-0087	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	(2)	605-102
B9.31	1B21-0088	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	NS	605-102
B9.31	1B21-0089	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	NS	605-102
B9.11	1B21-0089A	26" PIPE TO PIPE (HIGH STRESS)	UT, PT	NS	605-102
B9.12	1B21-0089A-U	26" PIPE SEAM, UPSTREAM	UT, PT	NS	605-102
B9.12	1B21-0089A-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	NS	605-102
B9.11	1B21-0090	26" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	605-102
B9.12	1B21-0090-U	26" PIPE SEAM, UPSTREAM	UT, PT	NS	605-102
B9.12	1B21-0090-D1	26" ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	NS	605-102
B9.12	1B21-0090-D2	26" ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS	605-102
B9.11	1B21-0091	26" ELBOW TO VALVE B21-F022B	UT, PT	NS	605-102
B9.12	1B21-0091-U1	26" ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS	605-102
B9.12	1B21-0091-U2	26" ELBOW LONG SEAM, UPSTREAM	UT, PT	NS	605-102
B9.11	1B21-0092	26" VLV B21-F022B TO P416 PROCESS PIPE	UT, PT	3	605-102
B9.11	1B21-0093	26" P416 PROCESS PIPE TO VALVE	UT, PT	2	605-108
B9.11	1B21-0097	10" CONTOUR NOZZLE TO FLANGE	UT, PT	NS	605-102
B9.11	1B21-0098	10" CONTOUR NOZZLE TO FLANGE	UT, PT	NS	605-102
B9.11	1B21-0099	10" CONTOUR NOZZLE TO FLANGE	UT, PT	NS	605-102
B9.11	1B21-0100	10" CONTOUR NOZZLE TO FLANGE	UT, PT	NS	605-102
B9.11	1B21-0101	10" CONTOUR NOZZLE TO FLANGE	UT, PT	NS	605-102
B9.11	1B21-0102	10" CONTOUR NOZZLE TO FLANGE	UT, PT	NS	605-102
B9.11	1B21-0117	NOZZLE N3A SAFE-END TO 26" PIPE	UT, PT	1	605-101
B9.12	1B21-0117-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	1	605-101

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.11	1B21-0118	26" PIPE TO ELBOW (HIGH STRESS)	UT, PT	1	605-101
B9.12	1B21-0118-U	26" PIPE SEAM, UPSTREAM	UT, PT	1	605-101
B9.12	1B21-0118-D	26" ELBOW SEAM, DOWNSTREAM	UT, PT	1	605-101
B9.11	1B21-0119	26" PIPE TO ELBOW (HIGH STRESS)	UT, PT	1	605-101
B9.12	1B21-0119-U	26" ELBOW SEAM, UPSTREAM	UT, PT	1	605-101
B9.12	1B21-0119-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	1	605-101
B9.11	1B21-0120	26" PIPE TO PIPE	UT, PT	NS	605-101
B9.12	1B21-0120-U	26" PIPE SEAM, UPSTREAM	UT, PT	NS	605-101
B9.12	1B21-0120-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	NS	605-101
B9.31	1B21-0120A	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	3	605-101
B9.11	1B21-0121	26" PIPE TO ELBOW	UT, PT	NS	605-101
B9.12	1B21-0121-U	26" PIPE SEAM, UPSTREAM	UT, PT	NS	605-101
B9.12	1B21-0121-D	26" ELBOW SEAM, DOWNSTREAM	UT, PT	NS	605-101
B9.11	1B21-0122	26" ELBOW TO PIPE	UT, PT	(2)	605-101
B9.12	1B21-0122-U	26" ELBOW SEAM, UPSTREAM	UT, PT	(2)	605-101
B9.12	1B21-0122-D	26" PIPE SEAM, DOWNSTREAM	UT, PT	(2)	605-101
B9.31	1B21-0123	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	2	605-101
B9.31	1B21-0124	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	NS	605-101
B9.31	1B21-0125	26" PIPE TO 26" X 10" CONTOUR NOZZLE (HIGH STRESS)	UT, PT	NS	605-101
B9.11	1B21-0126	26" PIPE TO ELBOW	UT, PT	NS	605-101
B9.12	1B21-0126-U	26" PIPE SEAM, UPSTREAM	UT, PT	NS	605-101
B9.12	1B21-0126-D1	26" ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	NS	605-101
B9.12	1B21-0126-D2	26" ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS	605-101
B9.11	1B21-0127	26" ELBOW TO VALVE B21-F022A	UT, PT	NS	605-101
B9.12	1B21-0127-U1	26" ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS	605-101
B9.12	1B21-0127-U2	26" ELBOW LONG SEAM, UPSTREAM	UT, PT	NS	605-101
B9.11	1B21-0128	26" VALVE B21-F022A TO P124 PROCESS PIPE	UT, PT	3	605-101
B9.11	1B21-0129	26" P124 PROCESS PIPE TO VALVE B21-F028A	UT, PT	3	605-107
B9.11	1B21-0133	10" CONTOUR NOZZLE TO FLANGE	UT, PT	(2)	605-101
B9.11	1B21-0134	10" CONTOUR NOZZLE TO FLANGE	UT, PT	NS	605-101
B9.11	1B21-0135	10" CONTOUR NOZZLE TO FLANGE	UT, PT	NS	605-101
B9.32	1B21-0148	3" BRANCH CONNECTION TO 26" STEAMLINE	PT	NS	605-106
B9.21	1B21-0149	3" PIPE TO BRANCH CONNECTION (HIGH STRESS)	PT	3	605-106
B9.21	1B21-0150	2" X 3" REDUCING ELBOW TO 3" PIPE	PT	NS	605-106
B9.21	1B21-0151	2" PIPE TO 2" X 3" REDUCING ELBOW (HIGH STRESS)	PT	NS	605-106

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.21	1B21-0152	2" ELBOW TO PIPE (HIGH STRESS)	PT	(1)	605-106
B9.21	1B21-0153	2" PIPE TO ELBOW (HIGH STRESS)	PT	3	605-106
B9.40	1B21-0154	2" VALVE F005 TO PIPE (HIGH STRESS)	PT	2	605-106
B9.40	1B21-0155	2" PIPE TO VALVE F005 (HIGH STRESS)	PT	NS	605-106
B9.21	1B21-0156	2" ELBOW TO PIPE (HIGH STRESS)	PT	1	605-106
B9.21	1B21-0157	2" PIPE TO ELBOW (HIGH STRESS)	PT	3	605-106
B9.21	1B21-0158	2" TEE TO PIPE (HIGH STRESS)	PT	2	605-106
B9.21	1B21-0159	2" PIPE TO TEE	PT	NS	605-106
B9.21	1B21-0160	2" ELBOW TO PIPE (HIGH STRESS)	PT	2	605-106
B9.21	1B21-0161	2" PIPE TO ELBOW	PT	NS	605-106
B9.21	1B21-0162	2" ELBOW TO PIPE	PT	NS	605-106
B9.21	1B21-0163	2" PIPE TO ELBOW	PT	NS	605-106
B9.21	1B21-0164	2" ELBOW TO PIPE	PT	NS	605-106
B9.21	1B21-0165	2" PIPE TO ELBOW	PT	NS	605-106
B9.21	1B21-0166	2" ELBOW TO PIPE (HIGH STRESS)	PT	NS	605-106
B9.21	1B21-0167	2" PIPE TO ELBOW (HIGH STRESS & USAGE)	PT	1	605-106
B9.21	1B21-0168	2" FLANGE TO PIPE	PT	NS	605-106
B9.21	1B21-0169	2" PIPE TO FLANGE	PT	NS	605-105
B9.21	1B21-0170	2" ELBOW TO PIPE	PT	NS	605-105
B9.21	1B21-0171	2" PIPE TO ELBOW	PT	NS	605-105
B9.21	1B21-0172	2" ELBOW TO PIPE (HIGH STRESS)	PT	2	605-105
B9.21	1B21-0173	2" PIPE TO ELBOW (HIGH STRESS)	PT	1	605-105
B9.21	1B21-0174	2" ELBOW TO PIPE	PT	NS	605-105
B9.21	1B21-0175	2" PIPE TO ELBOW	PT	NS	605-105
B9.21	1B21-0176	2" ELBOW TO PIPE	PT	NS	605-105
B9.21	1B21-0177	2" PIPE TO ELBOW	PT	NS	605-105
B9.21	1B21-0178	2" ELBOW TO PIPE	PT	NS	605-105
B9.21	1B21-0179	2" PIPE TO ELBOW	PT	NS	605-105
B9.21	1B21-0180	2" ELBOW TO PIPE	PT	NS	605-105
B9.21	1B21-0181	2" X 2" X 1" TEE TO 2" ELBOW	PT	NS	605-105
B9.21	1B21-0183	2" PIPE TO 2" X 2" X 1" TEE	PT	NS	605-105
B9.21	1B21-0184	4" X 2" REDUCING ELBOW TO 2" PIPE	PT	NS	605-105
B9.11	1B21-0185	4" PIPE TO 4" X 2" REDUCING ELBOW	UT/PT	NS	605-105
B9.11	1B21-0186	4" FLANGE AT B13-D020 TO PIPE	UT/PT	NS	605-105
B9.21	1B21-0192	2" TEE TO PIPE	PT	NS	605-106

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.40	1B21-0193	2" PIPE TO VALVE F002 (HIGH STRESS)	PT	NS	605-106
B9.40	1B21-0194	2" VALVE F002 TO PIPE (HIGH STRESS)	PT	3	605-106
B9.40	1B21-0195	2" PIPE TO VALVE F001 (HIGH STRESS)	PT	NS	605-106
B9.11	1B33-0002	22" NOZZLE N1A SAFE-END TO PIPE (CRC)	UT, PT	1	602-102
B9.12	1B33-0002-D	PIPE SEAM, DOWNSTREAM	UT, PT	1	602-102
B9.11	1B33-0003	22" PIPE TO ELBOW (HIGH STRESS)	UT, PT	2	602-102
B9.12	1B33-0003-U	PIPE SEAM, UPSTREAM	UT, PT	2	602-102
B9.12	1B33-0003-D1	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	2	602-102
B9.12	1B33-0003-D2	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	2	602-102
B9.11	1B33-0003A	22" ELBOW TO PIPE (HIGH STRESS)	UT, PT	2	602-102
B9.12	1B33-0003A-U1	ELBOW SHORT SEAM, UPSTREAM	UT, PT	2	602-102
B9.12	1B33-0003A-U2	ELBOW LONG SEAM, UPSTREAM	UT, PT	2	602-102
B9.12	1B33-0003A-D	PIPE SEAM, DOWNSTREAM	UT, PT	2	602-102
B9.11	1B33-0004	22" PIPE TO PIPE (CRC)	UT, PT	NS	602-102
B9.12	1B33-0004-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-102
B9.12	1B33-0004-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-102
B9.11	1B33-0005	22" PIPE TO ELBOW	UT, PT	NS	602-102
B9.12	1B33-0005-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-102
B9.12	1B33-0005-D1	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	NS	602-102
B9.12	1B33-0005-D2	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS	602-102
B9.11	1B33-0006	22" ELBOW TO VALVE B33-F023A (CRC)	UT, PT	NS	602-102
B9.12	1B33-0006-U1	ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS	602-102
B9.12	1B33-0006-U2	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS	602-102
B9.11	1B33-0007	22" VALVE B33-F023A TO PIPE (CRC)	UT, PT	NS	602-102
B9.12	1B33-0007-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-102
B9.31	1B33-0008	22" PIPE TO 22" X 4" CONTOUR NOZZLE	UT, PT	(1)	602-102
B9.31	1B33-0008A	22" PIPE TO 22" X 4" SWEEPolet	UT, PT	NS	602-102
B9.11	1B33-0009	22" X 4" CONTOUR NOZZLE TO 4" PIPE	UT, PT	NS	602-102
B9.12	1B33-0009-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-102
B9.11	1B33-0010	4" PIPE TO FLANGE	UT, PT	NS	602-102
B9.12	1B33-0010-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-102
B9.11	1B33-0011	22" PIPE TO ELBOW (HIGH STRESS)	UT, PT	3	602-102
B9.12	1B33-0011-U	PIPE SEAM, UPSTREAM	UT, PT	3	602-102
B9.12	1B33-0011-D1	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	3	602-102
B9.12	1B33-0011-D2	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	3	602-102

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	ISI ISO SS-305-
EXAMINATION CATEGORY: B-J				
B9.11	1B33-0012	22" ELBOW TO PUMP C001A CASING (CRC) (HIGH STRESS)	UT, PT	1 602-102
B9.12	1B33-0012-U1	ELBOW SHORT SEAM, UPSTREAM	UT, PT	1 602-102
B9.12	1B33-0012-U2	ELBOW LONG SEAM, UPSTREAM	UT, PT	1 602-102
B9.11	1B33-0014	PUMP C001A CASING TO 24" PIPE (CRC)	UT, PT	(2) 602-102
B9.12	1B33-0014-D	PIPE SEAM, DOWNSTREAM	UT, PT	(2) 602-102
B9.31	1B33-0015	24" PIPE TO 24" X 4" CONTOUR NOZZLE	UT, PT	NS 602-102
B9.11	1B33-0016	24" X 4" CONTOUR NOZZLE TO 4" PIPE	UT, PT	NS 602-102
B9.12	1B33-0016-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS 602-102
B9.11	1B33-0017	4" PIPE TO FLANGE	UT, PT	NS 602-102
B9.12	1B33-0017-U	PIPE SEAM, UPSTREAM	UT, PT	NS 602-102
B9.11	1B33-0018	24" PIPE TO VALVE B33-F060A (CRC)	UT, PT	NS 602-102
B9.12	1B33-0018-U	PIPE SEAM, UPSTREAM	UT, PT	NS 602-102
B9.11	1B33-0019	24" VALVE B33-F060A TO PIPE (CRC)	UT, PT	NS 602-102
B9.12	1B33-0019-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS 602-102
B9.11	1B33-0020	24" PIPE TO ELBOW (HIGH STRESS)	UT, PT	2 602-102
B9.12	1B33-0020-U	PIPE SEAM, UPSTREAM	UT, PT	2 602-102
B9.12	1B33-0020-D1	ELBOW SHORT SEAM	UT, PT	2 602-102
B9.12	1B33-0020-D2	ELBOW LONG SEAM	UT, PT	2 602-102
B9.11	1B33-0021	24" ELBOW TO PIPE (HIGH STRESS)	UT, PT	NS 602-102
B9.12	1B33-0021-U1	ELBOW SHORT SEAM	UT, PT	NS 602-102
B9.12	1B33-0021-U2	ELBOW LONG SEAM	UT, PT	NS 602-102
B9.12	1B33-0021-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS 602-102
B9.11	1B33-0022	24" PIPE TO VALVE B33-F067A (CRC)	UT, PT	NS 602-102
B9.12	1B33-0022-U	PIPE SEAM, UPSTREAM	UT, PT	NS 602-102
B9.11	1B33-0023	24" VALVE B33-F067A TO PIPE (CRC)	UT, PT	NS 602-102
B9.12	1B33-0023-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS 602-102
B9.11	1B33-0024	24" PIPE TO ELBOW	UT, PT	NS 602-102
B9.12	1B33-0024-U	PIPE SEAM, UPSTREAM	UT, PT	NS 602-102
B9.12	1B33-0024-D1	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	NS 602-102
B9.12	1B33-0024-D2	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS 602-102
B9.11	1B33-0025	24" ELBOW TO PIPE	UT, PT	NS 602-102
B9.12	1B33-0025-U1	ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS 602-102
B9.12	1B33-0025-U2	ELBOW LONG SEAM, UPSTREAM	UT, PT	NS 602-102
B9.12	1B33-0025-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS 602-102
B9.11	1B33-0026	24" PIPE TO 24" X 16" CROSS (CRC)	UT, PT	NS 602-102

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-J					
B9.12	1B33-0026-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-102
B9.11	1B33-0027	16" PIPE CAP TO PIPE (CRC)	UT, PT	(1)	602-101
B9.12	1B33-0027-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
B9.31	1B33-0028	16" PIPE TO 16" X 12" SWEEPolet	UT, PT	(1)	602-101
B9.31	1B33-0029	16" PIPE TO 16" X 12" SWEEPolet (HIGH STRESS)	UT, PT	3	602-101
B9.11	1B33-0030	16" PIPE TO 24" X 16" CROSS	UT, PT	NS	602-101
B9.12	1B33-0030-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
B9.11	1B33-0031	24" X 16" CROSS TO 16" PIPE (CRC)	UT, PT	NS	602-101
B9.12	1B33-0031-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
B9.31	1B33-0032	16" PIPE TO 16" X 12" SWEEPolet (HIGH STRESS)	UT, PT	3	602-101
B9.31	1B33-0033	16" PIPE TO 16" X 12" SWEEPolet	UT, PT	NS	602-101
B9.11	1B33-0034	16" PIPE TO CAP (CRC)	UT, PT	NS	602-101
B9.12	1B33-0034-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
B9.11	1B33-0035	16" X 12" SWEEPolet TO 12" PIPE (CRC)	UT, PT	NS	602-101
B9.12	1B33-0035-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
B9.11	1B33-0036	12" PIPE TO ELBOW	UT, PT	NS	602-101
B9.12	1B33-0036-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
B9.12	1B33-0036-D	ELBOW SEAM, DOWNSTREAM	UT, PT	NS	602-101
B9.11	1B33-0037	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	NS	602-101
B9.12	1B33-0037-U	ELBOW SEAM, UPSTREAM	UT, PT	NS	602-101
B9.12	1B33-0037-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
B9.11	1B33-0038	12" PIPE TO NOZZLE N2A SAFE-END (CRC)	UT, PT	NS	602-101
B9.12	1B33-0038-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
B9.11	1B33-0040	16" X 12" SWEEPolet TO 12" PIPE (CRC)	UT, PT	NS	602-101
B9.12	1B33-0040-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
B9.11	1B33-0041	12" PIPE TO ELBOW	UT, PT	NS	602-101
B9.12	1B33-0041-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
B9.12	1B33-0041-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
B9.11	1B33-0042	12" ELBOW TO PIPE	UT, PT	NS	602-101
B9.12	1B33-0042-U	ELBOW SEAM, UPSTREAM	UT, PT	NS	602-101
B9.12	1B33-0042-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
B9.11	1B33-0043	12" PIPE TO NOZZLE N2B SAFE-END (CRC) (HIGH STRESS)	UT, PT	3	602-101
B9.12	1B33-0043-U	PIPE SEAM, UPSTREAM	UT, PT	3	602-101
B9.11	1B33-0045	24" X 16" CROSS TO 24" X 12" REDUCER (HIGH STRESS)	UT, PT	2	602-101
B9.11	1B33-0046	24" X 12" REDUCER TO 12" PIPE (CRC)	UT, PT	NS	602-101

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Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.12	1B33-0046-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
B9.11	1B33-0047	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	602-101
B9.12	1B33-0047-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
B9.12	1B33-0047-D	ELBOW SEAM, DOWNSTREAM	UT, PT	NS	602-101
B9.11	1B33-0048	12" ELBOW TO PIPE	UT, PT	NS	602-101
B9.12	1B33-0048-U	ELBOW SEAM, UPSTREAM	UT, PT	NS	602-101
B9.12	1B33-0048-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
B9.11	1B33-0049	12" PIPE TO NOZZLE N2C SAFE-END (CRC) (HIGH STRESS)	UT, PT	NS	602-101
B9.12	1B33-0049-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
B9.11	1B33-0051	16" X 12" SWEEPOLET TO 12" PIPE (CRC)	UT, PT	NS	602-101
B9.12	1B33-0051-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
B9.11	1B33-0052	12" PIPE TO ELBOW	UT, PT	NS	602-101
B9.12	1B33-0052-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
B9.12	1B33-0052-D	ELBOW SEAM, DOWNSTREAM	UT, PT	NS	602-101
B9.11	1B33-0053	12" ELBOW TO PIPE	UT, PT	NS	602-101
B9.12	1B33-0053-U	ELBOW SEAM, UPSTREAM	UT, PT	NS	602-101
B9.12	1B33-0053-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
B9.11	1B33-0054	12" PIPE TO NOZZLE N2D SAFE-END (CRC) (HIGH STRESS)	UT, PT	3	602-101
B9.12	1B33-0054-U	PIPE SEAM, UPSTREAM	UT, PT	3	602-101
B9.11	1B33-0056	16" X 12" SWEEPOLET TO 12" PIPE (CRC)	UT, PT	(1)	602-101
B9.12	1B33-0056-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
B9.11	1B33-0057	12" PIPE TO ELBOW	UT, PT	NS	602-101
B9.12	1B33-0057-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
B9.12	1B33-0057-D	ELBOW SEAM, DOWNSTREAM	UT, PT	NS	602-101
B9.11	1B33-0058	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	1	602-101
B9.12	1B33-0058-U	ELBOW SEAM, UPSTREAM	UT, PT	1	602-101
B9.12	1B33-0058-D	PIPE SEAM, DOWNSTREAM	UT, PT	1	602-101
B9.11	1B33-0059	12" PIPE TO NOZZLE N2E SAFE-END (CRC)	UT, PT	1	602-101
B9.12	1B33-0059-U	PIPE SEAM, UPSTREAM	UT, PT	1	602-101
B9.11	1B33-0062	22" NOZZLE N1B SAFE-END TO PIPE (CRC)	UT, PT	2	602-104
B9.12	1B33-0062-D	PIPE SEAM, DOWNSTREAM	UT, PT	2	602-104
B9.11	1B33-0063	22" PIPE TO ELBOW (HIGH STRESS)	UT, PT	1	602-104
B9.12	1B33-0063-U	PIPE SEAM, UPSTREAM	UT, PT	1	602-104
B9.12	1B33-0063-D1	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	1	602-104
B9.12	1B33-0063-D2	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	1	602-104

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<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.11	1B33-0063A	22" ELBOW TO PIPE (HIGH STRESS)	UT, PT	1	602-104
B9.12	1B33-0063A-U1	ELBOW SHORT SEAM, UPSTREAM	UT, PT	1	602-104
B9.12	1B33-0063A-U2	ELBOW LONG SEAM, UPSTREAM	UT, PT	1	602-104
B9.12	1B33-0063A-D	PIPE SEAM, DOWNSTREAM	UT, PT	1	602-104
B9.11	1B33-0064	22" PIPE TO PIPE (CRC)	UT, PT	NS	602-104
B9.12	1B33-0064-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-104
B9.12	1B33-0064-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-104
B9.11	1B33-0065	22" PIPE TO 22" X 22" X 20" TEE	UT, PT	NS	602-104
B9.12	1B33-0065-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-104
B9.11	1B33-0066	22" X 22" X 20" TEE TO 22" PIPE	UT, PT	NS	602-104
B9.12	1B33-0066-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-104
B9.11	1B33-0067	22" PIPE TO ELBOW	UT, PT	NS	602-104
B9.12	1B33-0067-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-104
B9.12	1B33-0067-D1	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	NS	602-104
B9.12	1B33-0067-D2	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS	602-104
B9.11	1B33-0068	22" ELBOW TO VALVE B33-F023B (CRC)	UT, PT	NS	602-104
B9.12	1B33-0068-U1	ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS	602-104
B9.12	1B33-0068-U2	ELBOW LONG SEAM, UPSTREAM	UT, PT	NS	602-104
B9.11	1B33-0069	VALVE B33-F023B TO 22" PIPE (CRC)	UT, PT	NS	602-104
B9.12	1B33-0069-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-104
B9.31	1B33-0070	22" PIPE TO 22" X 4" CONTOUR NOZZLE	UT, PT	NS	602-104
B9.31	1B33-0070A	22" PIPE TO 22" X 4" SWEEPolet	UT, PT	NS	602-104
B9.11	1B33-0071	22" X 4" CONTOUR NOZZLE TO 4" PIPE	UT, PT	(1)	602-104
B9.12	1B33-0071-D	PIPE SEAM, DOWNSTREAM	UT, PT	(1)	602-104
B9.11	1B33-0072	4" PIPE TO FLANGE	UT, PT	NS	602-104
B9.12	1B33-0072-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-104
B9.11	1B33-0073	22" PIPE TO ELBOW (HIGH STRESS)	UT, PT	3	602-104
B9.12	1B33-0073-U	PIPE SEAM, UPSTREAM	UT, PT	3	602-104
B9.12	1B33-0073-D1	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	3	602-104
B9.12	1B33-0073-D2	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	3	602-104
B9.11	1B33-0074	22" ELBOW TO PUMP C001B CASING (CRC) (HIGH STRESS)	UT, PT	2	602-104
B9.12	1B33-0074-U1	ELBOW SHORT SEAM, UPSTREAM	UT, PT	2	602-104
B9.12	1B33-0074-U2	ELBOW LONG SEAM, UPSTREAM	UT, PT	2	602-104
B9.11	1B33-0076	PUMP C001B CASING TO 24" PIPE (CRC)	UT, PT	(1)	602-104
B9.12	1B33-0076-D	PIPE SEAM, DOWNSTREAM	UT, PT	(1)	602-104

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<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.31	1B33-0077	24" PIPE TO 24" X 4" CONTOUR NOZZLE	UT, PT	NS	602-104
B9.11	1B33-0078	24" X 4" CONTOUR NOZZLE TO 4" PIPE	UT, PT	NS	602-104
B9.12	1B33-0078-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-104
B9.11	1B33-0079	4" PIPE TO FLANGE	UT, PT	NS	602-104
B9.12	1B33-0079-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-104
B9.11	1B33-0080	24" PIPE TO VALVE B33-F060B (CRC)	UT, PT	NS	602-104
B9.12	1B33-0080-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-104
B9.11	1B33-0081	VLV B33-F060B TO 24" PIPE (CRC)	UT, PT	NS	602-104
B9.12	1B33-0081-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-104
B9.11	1B33-0082	24" PIPE TO ELBOW (HIGH STRESS)	UT, PT	3	602-104
B9.12	1B33-0082-U	PIPE SEAM, UPSTREAM	UT, PT	3	602-104
B9.12	1B33-0082-D1	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	3	602-104
B9.12	1B33-0082-D2	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	3	602-104
B9.11	1B33-0083	24" ELBOW TO PIPE (HIGH STRESS)	UT, PT	NS	602-104
B9.12	1B33-0083-U1	ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS	602-104
B9.12	1B33-0083-U2	ELBOW LONG SEAM, UPSTREAM	UT, PT	NS	602-104
B9.12	1B33-0083-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-104
B9.11	1B33-0084	24" PIPE TO VALVE B33-F067B (CRC)	UT, PT	NS	602-104
B9.12	1B33-0084-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-104
B9.11	1B33-0085	24" VALVE F067B TO PIPE (CRC)	UT, PT	NS	602-104
B9.12	1B33-0085-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-104
B9.11	1B33-0086	24" PIPE TO ELBOW	UT, PT	NS	602-104
B9.12	1B33-0086-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-104
B9.12	1B33-0086-D1	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS	602-104
B9.12	1B33-0086-D2	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS	602-104
B9.11	1B33-0087	24" ELBOW TO PIPE	UT, PT	NS	602-104
B9.12	1B33-0087-U1	ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS	602-104
B9.12	1B33-0087-U2	ELBOW LONG SEAM, UPSTREAM	UT, PT	NS	602-104
B9.12	1B33-0087-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-104
B9.11	1B33-0088	24" PIPE TO 24" X 16" CROSS (CRC)	UT, PT	(1)	602-104
B9.12	1B33-0088-U	PIPE SEAM, UPSTREAM	UT, PT	(1)	602-104
B9.11	1B33-0089	16" PIPE CAP TO PIPE (CRC)	UT, PT	NS	602-103
B9.12	1B33-0089-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-103
B9.31	1B33-0090	16" PIPE TO 16" X 12" SWEEPOLET	UT, PT	NS	602-103
B9.31	1B33-0091	16" PIPE TO 16" X 12" SWEEPOLET (HIGH STRESS)	UT, PT	1	602-103

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.11	1B33-0092	16" PIPE TO 24" X 16" CROSS	UT, PT	NS	602-103
B9.12	1B33-0092-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
B9.11	1B33-0093	24" X 16" CROSS TO 16" PIPE (CRC)	UT, PT	NS	602-103
B9.12	1B33-0093-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
B9.31	1B33-0094	16" PIPE TO 16" X 12" SWEEPOLET (HIGH STRESS)	UT, PT	NS	602-103
B9.31	1B33-0095	16" PIPE TO 16" X 12" SWEEPOLET	UT, PT	NS	602-103
B9.11	1B33-0096	16" PIPE TO CAP (CRC)	UT, PT	NS	602-103
B9.12	1B33-0096-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-103
B9.11	1B33-0097	16" X 12" SWEEPOLET TO 12" PIPE (CRC)	UT, PT	NS	602-103
B9.12	1B33-0097-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
B9.11	1B33-0098	12" PIPE TO ELBOW	UT, PT	NS	602-103
B9.12	1B33-0098-D	ELBOW SEAM, DOWNSTREAM	UT, PT	NS	602-103
B9.12	1B33-0098-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-103
B9.11	1B33-0099	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	2	602-103
B9.12	1B33-0099-D	PIPE SEAM, DOWNSTREAM	UT, PT	2	602-103
B9.12	1B33-0099-U	ELBOW SEAM, UPSTREAM	UT, PT	2	602-103
B9.11	1B33-0100	12" PIPE TO NOZZLE N2F SAFE-END (CRC)	UT, PT	2	602-103
B9.12	1B33-0100-U	PIPE SEAM, UPSTREAM	UT, PT	2	602-103
B9.11	1B33-0102	16" X 12" SWEEPOLET TO 12" PIPE (CRC)	UT, PT	NS	602-103
B9.12	1B33-0102-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
B9.11	1B33-0103	12" PIPE TO ELBOW	UT, PT	NS	602-103
B9.12	1B33-0103-D	ELBOW SEAM, DOWNSTREAM	UT, PT	NS	602-103
B9.12	1B33-0103-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-103
B9.11	1B33-0104	12" ELBOW TO PIPE	UT, PT	NS	602-103
B9.12	1B33-0104-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
B9.12	1B33-0104-U	ELBOW SEAM, UPSTREAM	UT, PT	NS	602-103
B9.11	1B33-0105	12" PIPE TO NOZZLE N2G SAFE-END (CRC) (HIGH STRESS)	UT, PT	3	602-103
B9.12	1B33-0105-U	PIPE SEAM, UPSTREAM	UT, PT	3	602-103
B9.11	1B33-0107	24" X 16" CROSS TO 24" X 12" REDUCER (HIGH STRESS)	UT, PT	1	602-103
B9.11	1B33-0108	24" X 12" REDUCER TO 12" PIPE (CRC)	UT, PT	NS	602-103
B9.12	1B33-0108-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
B9.11	1B33-0109	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	3	602-103
B9.12	1B33-0109-D	ELBOW SEAM, DOWNSTREAM	UT, PT	3	602-103
B9.12	1B33-0109-U	PIPE SEAM, UPSTREAM	UT, PT	3	602-103
B9.11	1B33-0110	12" ELBOW TO PIPE	UT, PT	NS	602-103

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-	
EXAMINATION CATEGORY: B-J						
1-117	B9.12	1B33-0110-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
	B9.12	1B33-0110-U	ELBOW SEAM, UPSTREAM	UT, PT	NS	602-103
	B9.11	1B33-0111	12" PIPE TO NOZZLE N2H SAFE-END (CRC) (HIGH STRESS)	UT, PT	1	602-103
	B9.12	1B33-0111-U	PIPE SEAM, UPSTREAM	UT, PT	1	602-103
	B9.11	1B33-0113	16" X 12" SWEEPOLET TO 12" PIPE (CRC)	UT, PT	NS	602-103
	B9.12	1B33-0113-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
	B9.11	1B33-0114	12" PIPE TO ELBOW	UT, PT	NS	602-103
	B9.12	1B33-0114-D	ELBOW SEAM, DOWNSTREAM	UT, PT	NS	602-103
	B9.12	1B33-0114-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-103
	B9.11	1B33-0115	12" ELBOW TO PIPE	UT, PT	NS	602-103
	B9.12	1B33-0115-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
	B9.12	1B33-0115-U	ELBOW SEAM, UPSTREAM	UT, PT	NS	602-103
	B9.11	1B33-0116	12" PIPE TO NOZZLE N2J SAFE-END (CRC) (HIGH STRESS)	UT, PT	NS	602-103
	B9.12	1B33-0116-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-103
	B9.11	1B33-0118	16" X 12" SWEEPOLET TO 12" PIPE (CRC)	UT, PT	NS	602-103
	B9.12	1B33-0118-D	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
	B9.11	1B33-0119	12" PIPE TO ELBOW	UT, PT	NS	602-103
	B9.12	1B33-0119-D	ELBOW SEAM, DOWNSTREAM	UT, PT	NS	602-103
	B9.12	1B33-0119-U	PIPE SEAM, UPSTREAM	UT, PT	NS	602-103
	B9.11	1B33-0120	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	2	602-103
	B9.12	1B33-0120-D	PIPE SEAM, DOWNSTREAM	UT, PT	2	602-103
	B9.12	1B33-0120-U	PIPE SEAM, UPSTREAM	UT, PT	2	602-103
	B9.11	1B33-0121	12" PIPE TO NOZZLE N2K SAFE-END (CRC)	UT, PT	2	602-103
	B9.12	1B33-0121-U	PIPE SEAM, UPSTREAM	UT, PT	2	602-103
Rev. 3	B9.32	1C41-0001	SWEEPOLET TO 12" PIPE	PT	1	691-101
	B9.21	1C41-0002	3" PIPE TO SWEEPOLET	PT	NS	691-101
	B9.21	1C41-0003	3" X 1 1/2" REDUCING ELBOW TO 3" PIPE (HIGH STRESS)	PT	NS	691-101
	B9.21	1C41-0004	1-1/2" PIPE TO 3" X 1-1/2" REDUCING ELBOW (HIGH STRESS)	PT	1	691-101
	B9.40	1C41-0005	1-1/2" ELBOW TO PIPE (HIGH STRESS)	PT	(1)	691-101
	B9.40	1C41-0006	1-1/2" PIPE TO ELBOW (HIGH STRESS)	PT	(1)	691-101
	B9.40	1C41-0007	1-1/2" VALVE F036 TO PIPE (HIGH STRESS)	PT	1	691-101
	B9.40	1C41-0008	1-1/2" PIPE TO VALVE F036 (HIGH STRESS)	PT	1	691-101
	B9.40	1C41-0008A	1-1/2" ELBOW TO PIPE (HIGH STRESS)	PT	NS	691-101
B9.40	1C41-0008B	1-1/2" PIPE TO ELBOW (HIGH STRESS)	PT	NS	691-101	

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.40	1C41-0008C	1-1/2" ELBOW TO PIPE (HIGH STRESS)	PT	NS	691-101
B9.40	1C41-0008D	1-1/2" PIPE TO ELBOW (HIGH STRESS)	PT	NS	691-101
B9.40	1C41-0009	1-1/2" TEE TO PIPE (HIGH STRESS)	PT	1	691-101
B9.40	1C41-0010	1-1/2" TEE TO 1-1/2" X 3/4" REDUCER (HIGH STRESS)	PT	(1)	691-101
B9.40	1C41-0011	1-1/2" PIPE TO TEE (HIGH STRESS)	PT	NS	691-101
B9.40	1C41-0012	1-1/2" VALVE F007 TO PIPE (HIGH STRESS)	PT	2	691-101
B9.40	1C41-0013	1-1/2" PIPE TO VALVE F007 (HIGH STRESS)	PT	2	691-101
B9.40	1C41-0014	1-1/2" ELBOW TO PIPE (HIGH STRESS)	PT	NS	691-101
B9.40	1C41-0015	1-1/2" PIPE TO ELBOW (HIGH STRESS)	PT	NS	691-101
B9.40	1C41-0016	1-1/2" ELBOW TO PIPE (HIGH STRESS)	PT	NS	691-101
B9.40	1C41-0017	1-1/2" PIPE TO ELBOW (HIGH STRESS)	PT	NS	691-101
B9.40	1C41-0018	1-1/2" ELBOW TO PIPE (HIGH STRESS)	PT	3	691-101
B9.40	1C41-0019	1-1/2" PIPE TO ELBOW (HIGH STRESS)	PT	3	691-101
B9.40	1C41-0020	1-1/2" ELBOW PIPE (HIGH STRESS)	PT	NS	691-101
B9.40	1C41-0021	1-1/2" PIPE TO ELBOW (HIGH STRESS)	PT	NS	691-101
B9.40	1C41-0021A	1-1/2" COUPLING TO PIPE	PT	NS	691-101
B9.40	1C41-0021B	1-1/2" PIPE TO COUPLING	PT	NS	691-101
B9.40	1C41-0022	1-1/2" ELBOW TO PIPE (HIGH STRESS)	PT	NS	691-102
B9.40	1C41-0023	1-1/2" PIPE TO ELBOW (HIGH STRESS)	PT	NS	691-102
B9.40	1C41-0024	1-1/2" TEE TO PIPE (HIGH STRESS)	PT	NS	691-102
B9.40	1C41-0025	1-1/2" X 3/4" REDUCER TO 1-1/2" TEE	PT	NS	691-102
B9.40	1C41-0026	1-1/2" PIPE TO TEE (HIGH STRESS)	PT	NS	691-102
B9.40	1C41-0027	1-1/2" VALVE F006 TO PIPE (HIGH STRESS)	PT	3	691-102
B9.11	1E12-0001	22" X 22" X 20" TEE TO 20" PIPE (HIGH STRESS)	UT, PT	1	642-118
B9.11	1E12-0002	20" ELBOW TO PIPE	UT, PT	NS	642-118
B9.11	1E12-0003	20" PIPE TO ELBOW	UT, PT	NS	642-118
B9.11	1E12-0004	20" VALVE F010 TO PIPE	UT, PT	NS	642-117
B9.11	1E12-0005	20" PIPE TO VALVE F010	UT, PT	NS	642-117
B9.11	1E12-0006	20" VALVE F009 TO PIPE	UT, PT	NS	642-117
B9.11	1E12-0007	20" PIPE TO VALVE F009	UT, PT	NS	642-117
B9.11	1E12-0008	20" ELBOW TO PIPE	UT, PT	NS	642-117
B9.11	1E12-0009	20" PIPE TO ELBOW	UT, PT	NS	642-117
B9.11	1E12-0010	20" P421 PROCESS PIPE TO PIPE	UT, PT	NS	642-117
B9.11	1E12-0011	20" PIPE TO P421 PROCESS PIPE (HIGH STRESS)	UT, PT	2	642-101

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<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.11	1E12-0012	20" VALVE F008 TO PIPE (HIGH STRESS)	UT, PT	1	642-101
B9.11	1E12-0398	12" VALVE F042A TO PIPE	UT, PT	NS	642-126
B9.11	1E12-0399	12" PIPE TO ELBOW	UT, PT	NS	642-126
B9.11	1E12-0400	12" ELBOW TO PIPE	UT, PT	NS	642-126
B9.11	1E12-0401	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	1	642-126
B9.11	1E12-0402	12" ELBOW TO PRB2044 PROCESS PIPE (HIGH STRESS)	UT, PT	3	642-126
B9.11	1E12-0403	12" PRB2044 PROCESS PIPE TO PIPE	UT, PT	(1)	642-125
B9.11	1E12-0403A	12" PIPE TO PIPE	UT, PT	NS	642-125
B9.11	1E12-0404	12" PIPE TO VALVE F0041A (HIGH STRESS)	UT, PT	1	642-125
B9.11	1E12-0405	12" VALVE F041A TO PIPE (HIGH STRESS)	UT, PT	(2)	642-125
B9.11	1E12-0406	12" PIPE TO VALVE F039A (HIGH STRESS)	UT, PT	(2)	642-125
B9.11	1E12-0407	12" VALVE F039A TO PIPE (HIGH STRESS)	UT, PT	NS	642-125
B9.11	1E12-0408	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	642-125
B9.11	1E12-0409	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	(1)	642-125
B9.11	1E12-0410	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	642-124
B9.11	1E12-0411	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	NS	642-124
B9.11	1E12-0412	12" PIPE TO N6A SAFE-END EXTENSION (HIGH STRESS)	UT, PT	NS	642-124
B9.11	1E12-0437	6" VALVE F023 TO PIPE	UT, PT	NS	642-122
B9.11	1E12-0438	6" PIPE TO ELBOW	UT, PT	NS	642-122
B9.11	1E12-0439	6" ELBOW TO PIPE	UT, PT	(2)	642-122
B9.32	1E12-0439A	1-1/2" COUPLING TO 6" PIPE BRANCH (HIGH STRESS)	PT	2	642-122
B9.40	1E12-0439B	1-1/2" COUPLING TO REDUCING INSERT SOCKET WELD	PT	NS	642-122
B9.11	1E12-0440	6" PIPE TO VALVE F019	UT, PT	NS	642-122
B9.11	1E12-0441	6" VALVE F019 TO PIPE	UT, PT	NS	642-122
B9.11	1E12-0442	6" PIPE TO 6" X 6" TEE RCIC INTERTIE	UT, PT	(2)	642-122
B9.11	1E12-0694	12" VALVE F042B TO PIPE	UT, PT	NS	642-137
B9.11	1E12-0695	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	642-137
B9.11	1E12-0696	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	3	642-137
B9.11	1E12-0697	12" PIPE TO ELBOW	UT, PT	NS	642-139
B9.11	1E12-0698	12" ELBOW TO PIPE	UT, PT	NS	642-139
B9.11	1E12-0698A	12" PIPE TO PIPE	UT, PT	NS	642-139
B9.11	1E12-0699	12" PIPE TO ELBOW	UT, PT	NS	642-139
B9.11	1E12-0700	12" ELBOW TO PIPE	UT, PT	NS	642-139
B9.11	1E12-0701	12" PIPE TO ELBOW	UT, PT	NS	642-139
B9.11	1E12-0702	12" ELBOW TO PIPE	UT, PT	NS	642-139

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<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.11	1E12-0703	12" PIPE TO PIPE BEND	UT, PT	NS	642-139
B9.11	1E12-0704	12" PIPE BEND TO ELBOW	UT, PT	NS	642-139
B9.11	1E12-0705	12" ELBOW TO PRB2036 PROCESS PIPE	UT, PT	NS	642-139
B9.11	1E12-0706	12" PRB2036 PROCESS PIPE TO ELBOW (HIGH STRESS)	UT, PT	2	642-140
B9.11	1E12-0707	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	2	642-140
B9.11	1E12-0708	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	1	642-141
B9.11	1E12-0709	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	1	642-141
B9.11	1E12-0710	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	2	642-141
B9.11	1E12-0711	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	(1)	642-141
B9.11	1E12-0712	12" PIPE TO VALVE F041B	UT, PT	NS	642-141
B9.11	1E12-0713	12" VALVE F041B TO PIPE (HIGH STRESS)	UT, PT	1	642-141
B9.11	1E12-0714	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	642-141
B9.11	1E12-0715	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	(1)	642-141
B9.11	1E12-0716	12" PIPE TO VALVE F039B (HIGH STRESS)	UT, PT	NS	642-141
B9.11	1E12-0717	12" VALVE F039B TO PIPE (HIGH STRESS)	UT, PT	NS	642-141
B9.11	1E12-0718	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	3	642-141
B9.11	1E12-0719	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	3	642-141
B9.11	1E12-0720	12" PIPE TO N6B SAFE-END EXTENSION (HIGH STRESS & USAGE)	UT, PT	3	642-141
B9.11	1E12-0851	12" VALVE F042C TO PIPE	UT, PT	NS	642-134
B9.11	1E12-0851A	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	642-134
B9.11	1E12-0851AA	12" PIPE TO PIPE	UT, PT	NS	642-134
B9.11	1E12-0852	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	2	642-134
B9.11	1E12-0853	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	(2)	642-134
B9.11	1E12-0854	12" ELBOW TO ELBOW	UT, PT	NS	642-134
B9.11	1E12-0855	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	(2)	642-134
B9.11	1E12-0855A	12" PIPE TO PIPE	UT, PT	NS	642-134
B9.11	1E12-0856	12" PIPE TO P411 PROCESS PIPE	UT, PT	(2)	642-134
B9.11	1E12-0857	12" P411 PROCESS PIPE TO PIPE	UT, PT	(2)	642-135
B9.11	1E12-0858	12" PIPE TO ELBOW	UT, PT	NS	642-135
B9.11	1E12-0859	12" ELBOW TO PIPE	UT, PT	NS	642-135
B9.11	1E12-0860	12" PIPE TO ELBOW	UT, PT	(1)	642-135
B9.11	1E12-0861	12" ELBOW TO PIPE	UT, PT	(1)	642-142
B9.11	1E12-0862	12" PIPE TO ELBOW	UT, PT	NS	642-142
B9.11	1E12-0863	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	NS	642-142
B9.11	1E12-0864	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	3	642-142
B9.11	1E12-0865	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	3	642-142

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-J					
B9.11	1E12-0866	12" PIPE TO PIPE	UT, PT	NS	642-142
B9.11	1E12-0867	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	3	642-142
B9.11	1E12-0868	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	3	642-142
B9.11	1E12-0869	12" PIPE TO ELBOW	UT, PT	NS	642-142
B9.11	1E12-0870	12" ELBOW TO PIPE	UT, PT	NS	642-142
B9.11	1E12-0871	12" PIPE TO ELBOW	UT, PT	NS	642-143
B9.11	1E12-0872	12" ELBOW TO PIPE	UT, PT	NS	642-143
B9.11	1E12-0873	12" PIPE TO ELBOW	UT, PT	(2)	642-143
B9.11	1E12-0874	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	2	642-143
B9.11	1E12-0875	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	(1)	642-143
B9.11	1E12-0876	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	(1)	642-143
B9.11	1E12-0877	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	(2)	642-143
B9.11	1E12-0878	12" ELBOW TO PIPE BEND	UT, PT	(2)	642-143
B9.11	1E12-0879	12" PIPE BEND TO ELBOW	UT, PT	NS	642-143
B9.11	1E12-0880	12" ELBCW TO PRB2035 PROCESS PIPE (HIGH STRESS)	UT, PT	2	642-143
B9.11	1E12-0881	12" PRB2035 PROCESS PIPE TO ELBOW	UT, PT	1	642-144
B9.11	1E12-0882	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	1	642-144
B9.11	1E12-0883	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	(1)	642-145
B9.11	1E12-0884	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	1	642-145
B9.11	1E12-0885	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	3	642-145
B9.11	1E12-0886	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	NS	642-145
B9.11	1E12-0886A	12" PIPE TO PIPE	UT, PT	NS	642-145
B9.11	1E12-0887	12" PIPE TO VALVE F041C	UT, PT	NS	642-145
B9.11	1E12-0888	12" VALVE TO F041C TO PIPE	UT, PT	NS	642-145
B9.11	1E12-0889	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	642-145
B9.11	1E12-0890	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	1	642-145
B9.11	1E12-0891	12" PIPE TO VALVE F039C (HIGH STRESS)	UT, PT	NS	642-145
B9.11	1E12-0892	12" VALVE F039C TO PIPE (HIGH STRESS)	UT, PT	1	642-145
B9.11	1E12-0893	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	642-145
B9.11	1E12-0894	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	NS	642-145
B9.11	1E12-0895	12" PIPE TO N6C SAFE-END EXTENSION (HIGH STRESS & USEAGE)	UT, PT	NS	642-145
B9.11	1E21-0001	12" PIPE TO N5A SAFE-END EXTENSION	UT, PT	3	705-111
B9.11	1E21-0002	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	3	705-111
B9.11	1E21-0003	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	705-111

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Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-J					
B9.11	1E21-0004	12" VALVE F007 TO PIPE (HIGH STRESS)	UT, PT	2	705-111
B9.11	1E21-0005	12" PIPE TO VALVE F007 (HIGH STRESS)	UT, PT	NS	705-111
B9.11	1E21-0006	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	NS	705-111
B9.11	1E21-0007	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	(1)	705-111
B9.11	1E21-0008	12" VALVE F006 TO PIPE (HIGH STRESS)	UT, PT	(1)	705-111
B9.11	1E21-0009	12" PIPE TO VALVE F006	UT, PT	NS	705-111
B9.11	1E21-0009A	12" PIPE TO PIPE	UT, PT	NS	705-111
B9.11	1E21-0010	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	1	705-111
B9.11	1E21-0011	12" PRB3046 PROCESS PIPE TO ELBOW (HIGH STRESS)	UT, PT	2	705-111
B9.11	1E21-0012	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	2	705-110
B9.11	1E21-0012A	12" PIPE TO PRB3046 PROCESS PIPE (HIGH STRESS)	UT, PT	2	705-110
B9.11	1E21-0013	12" PIPE TO ELBOW	UT, PT	NS	705-110
B9.11	1E21-0014	12" ELBOW TO PIPE	UT, PT	NS	705-109
B9.11	1E21-0015	12" PIPE TO ELBOW	UT, PT	NS	705-109
B9.11	1E21-0015A	12" PIPE TO PIPE	UT, PT	NS	705-109
B9.11	1E21-0016	12" ELBOW TO PIPE	UT, PT	NS	705-109
B9.11	1E21-0017	12" PIPE TO ELBOW	UT, PT	NS	705-109
B9.11	1E21-0018	12" ELBOW TO PIPE	UT, PT	NS	705-109
B9.11	1E21-0019	12" PIPE TO ELBOW	UT, PT	NS	705-109
B9.11	1E21-0020	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	NS	705-109
B9.11	1E21-0021	12" PIPE TO ELBOW	UT, PT	NS	705-109
B9.11	1E21-0022	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	3	705-109
B9.11	1E21-0023	12" P112 PROCESS PIPE TO ELBOW (HIGH STRESS)	UT, PT	3	705-109
B9.11	1E21-0024	12" PIPE TO P112 PROCESS PIPE	UT, PT	(1)	705-108
B9.11	1E21-0025	12" ELBOW TO PIPE	UT, PT	NS	705-108
B9.11	1E21-0026	12" ELBOW TO ELBOW	UT, PT	NS	705-108
B9.11	1E21-0027	12" PIPE TO ELBOW	UT, PT	NS	705-108
B9.11	1E21-0028	12" ELBOW TO PIPE	UT, PT	(1)	705-108
B9.11	1E21-0029	12" PIPE TO ELBOW	UT, PT	NS	705-108
B9.11	1E21-0030	12" VALVE F005 TO PIPE	UT, PT	NS	705-108
B9.11	1E22-0001	NSB SAFE-END EXTENSION TO 12" PIPE	UT, PT	3	701-111
B9.11	1E22-0002	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	3	701-111
B9.11	1E22-0003	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	NS	701-111
B9.11	1E22-0004	12" PIPE TO VALVE F036 (HIGH STRESS)	UT, PT	1	701-111

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Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.11	1E22-0005	12" VALVE F036 TO PIPE (HIGH STRESS)	UT, PT	NS	701-111
B9.11	1E22-0006	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	1	701-111
B9.11	1E22-0007	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	(2)	701-111
B9.11	1E22-0008	12" PIPE TO VALVE F005 (HIGH STRESS)	UT, PT	(2)	701-111
B9.11	1E22-0009	12" VALVE F005 TO PIPE (HIGH STRESS)	UT, PT	(2)	701-111
B9.11	1E22-0009A	12" PIPE TO PIPE	UT, PT	NS	701-111
B9.11	1E22-0010	12" ELBOW TO PIPE (BEND) (HIGH STRESS)	UT, PT	NS	701-111
B9.11	1E22-0011	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	(2)	701-111
B9.11	1E22-0012	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	2	701-110
B9.11	1E22-0013	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	2	701-110
B9.11	1E22-0014	12" ELBOW TO PIPE	UT, PT	NS	701-109
B9.11	1E22-0015	12" PIPE TO ELBOW	UT, PT	NS	701-109
B9.11	1E22-0016	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	701-109
B9.11	1E22-0017	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	NS	701-109
B9.11	1E22-0017A	12" PIPE TO PIPE	UT, PT	NS	701-109
B9.11	1E22-0018	12" PIPE TO ELBOW	UT, PT	NS	701-109
B9.11	1E22-0019	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	(1)	701-109
B9.11	1E22-0020	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	1	701-109
B9.11	1E22-0021	12" ELBOW TO P410 PROCESS PIPE (HIGH STRESS)	UT, PT	1	701-109
B9.11	1E22-0022	12" P410 PROCESS PIPE TO PIPE	UT, PT	NS	701-108
B9.11	1E22-0023	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	701-108
B9.11	1E22-0024	12" ELBOW TO PIPE	UT, PT	NS	701-108
B9.11	1E22-0025	12" PIPE TO ELBOW	UT, PT	NS	701-108
B9.11	1E22-0026	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	NS	701-108
B9.11	1E22-0027	12" PIPE TO VALVE F004	UT, PT	NS	701-108
B9.11	1E22-0135	12" PIPE TO PIPE	UT, PT	NS	701-109
B9.40	1E32-0196	2" COUPLING ON VALVE F028B TO PIPE (HIGH STRESS)	PT	3	341-102
B9.21	1E32-0197	2" PIPE TO TEE	PT	NS	341-102
B9.21	1E32-0198	2" TEE TO 2" X 1" REDUCER	PT	NS	341-102
B9.21	1E32-0199	2" TEE TO PIPE	PT	3	341-102
B9.21	1E32-0200	2" PIPE TO 2" X 2 1/2" REDUCER	PT	2	341-102
B9.21	1E32-0201	2" X 2 1/2" REDUCER TO 2 1/2" PIPE	PT	NS	341-102
B9.32	1E32-0202	2 1/2" PIPE TO 1 1/2" BRANCH CONNECTION (COUPLING)	PT	NS	341-102
B9.40	1E32-0203	1 1/2" COUPLING TO PIPE	PT	1	341-102

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Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.40	1E32-0204	1 1/2" PIPE TO ELBOW	PT	NS	341-102
B9.40	1E32-0205	1 1/2" ELBOW TO PIPE	PT	NS	341-102
B9.40	1E32-0206	1 1/2" PIPE TO VALVE F025E	PT	1	341-102
B9.40	1E32-0207	1 1/2" VALVE F025E TO PIPE	PT	NS	341-102
B9.40	1E32-0208	1 1/2" PIPE TO VALVE F026E	PT	NS	341-102
B9.21	1E32-0209	2 1/2" PIPE TO ELBOW	PT	NS	341-102
B9.21	1E32-0210	2 1/2" ELBOW TO PIPE	PT	NS	341-102
B9.21	1E32-0211	2 1/2" PIPE TO VALVE F001E	PT	1	341-102
B9.40	1E32-0215	2" COUPLING ON VALVE F028A TO PIPE (HIGH STRESS)	PT	1	341-101
B9.21	1E32-0216	2" PIPE TO TEE	PT	NS	341-101
B9.21	1E32-0217	2" TEE TO 2" X 1" REDUCER	PT	2	341-101
B9.21	1E32-0218	2" TEE TO PIPE	PT	NS	341-101
B9.21	1E32-0219	2" PIPE TO 2" X 2 1/2" REDUCER	PT	NS	341-101
B9.21	1E32-0220	2" X 2 1/2" REDUCER TO PIPE	PT	NS	341-101
B9.21	1E32-0221	2 1/2" PIPE TO ELBOW	PT	1	341-101
B9.21	1E32-0222	2 1/2" ELBOW TO PIPE	PT	NS	341-101
B9.32	1E32-0223	2 1/2" PIPE TO 1-1/2" BRANCH CONNECTION	PT	3	341-101
B9.40	1E32-0224	1 1/2" COUPLING TO PIPE	PT	NS	341-101
B9.40	1E32-0225	1 1/2" PIPE TO ELBOW	PT	NS	341-101
B9.40	1E32-0226	1 1/2" ELBOW TO PIPE	PT	NS	341-101
B9.40	1E32-0227	1 1/2" PIPE TO VALVE F025A	PT	2	341-101
B9.40	1E32-0228	1 1/2" VALVE F025A TO PIPE	PT	NS	341-101
B9.40	1E32-0229	1 1/2" PIPE TO VALVE F026A	PT	NS	341-101
B9.21	1E32-0230	2 1/2" PIPE TO VALVE F001A	PT	NS	341-101
B9.21	1E32-0234	2" COUPLING ON VALVE F028D TO PIPE	PT	NS	341-104
B9.21	1E32-0235	2" PIPE TO TEE	PT	NS	341-104
B9.21	1E32-0236	2" TEE TO 2" X 1" REDUCER	PT	NS	341-104
B9.21	1E32-0237	2" TEE TO PIPE	PT	NS	341-104
B9.21	1E32-0238	2" PIPE TO 2" X 2-1/2" REDUCER	PT	2	341-104
B9.21	1E32-0239	2" X 2 1/2" REDUCER TO 2 1/2" PIPE	PT	NS	341-104
B9.21	1E32-0240	2 1/2" PIPE TO ELBOW	PT	NS	341-104
B9.21	1E32-0241	2 1/2" ELBOW TO PIPE	PT	3	341-104
B9.32	1E32-0242	2 1/2" PIPE TO 1-1/2" BRANCH CONNECTION	PT	3	341-104
B9.40	1E32-0243	1 1/2" COUPLING TO PIPE	PT	NS	341-104
B9.40	1E32-0244	1 1/2" PIPE TO ELBOW	PT	NS	341-104

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.40	1E32-0245	1 1/2" ELBOW TO PIPE	PT	NS	341-104
B9.40	1E32-0246	1 1/2" PIPE TO VALVE F025N	PT	NS	341-104
B9.40	1E32-0247	1 1/2" VALVE F025N TO PIPE	PT	NS	341-104
B9.40	1E32-0248	1 1/2" PIPE TO VALVE F026N	PT	2	341-104
B9.21	1E32-0249	2 1/2" PIPE TO VALVE F001N	PT	NS	341-104
B9.21	1E32-0252	2" COUPLING ON VALVE F028C TO PIPE	PT	NS	341-103
B9.21	1E32-0253	2" PIPE TO TEE	PT	NS	341-103
B9.21	1E32-0254	2" TEE TO 2" X 1" REDUCER	PT	NS	341-103
B9.21	1E32-0255	2" TEE TO PIPE	PT	NS	341-103
B9.21	1E32-0256	2" PIPE TO 2" X 2-1/2" REDUCER	PT	2	341-103
B9.21	1E32-0257	2" X 2 1/2" REDUCER TO 2 1/2" PIPE	PT	NS	341-103
B9.32	1E32-0258	2 1/2" PIPE TO 1-1/2" BRANCH CONNECTION	PT	1	341-103
B9.40	1E32-0259	1 1/2" COUPLING TO PIPE	PT	NS	341-103
B9.40	1E32-0260	1 1/2" PIPE TO ELBOW	PT	2	341-103
B9.40	1E32-0261	1 1/2" ELBOW TO PIPE	PT	NS	341-103
B9.40	1E32-0262	1 1/2" PIPE TO VALVE F025J	PT	NS	341-103
B9.40	1E32-0263	1 1/2" VALVE F025J TO PIPE	PT	NS	341-103
B9.40	1E32-0264	1 1/2" PIPE TO VALVE F026J	PT	NS	341-103
B9.21	1E32-0265	2 1/2" PIPE TO ELBOW	PT	NS	341-103
B9.21	1E32-0266	2 1/2" ELBOW TO PIPE	PT	NS	341-103
B9.21	1E32-0267	2 1/2" PIPE TO VALVE F001J	PT	NS	341-103
B9.11	1E51-0001	6" FLANGE TO PIPE (HIGH STRESS)	UT, PT	1	631-108
B9.11	1E51-0002	6" PIPE TO VALVE F066 (HIGH STRESS & USEAGE)	UT, PT	1	631-108
B9.11	1E51-0003	6" VALVE F066 TO PIPE (HIGH STRESS & USEAGE)	UT, PT	1	631-108
B9.11	1E51-0004	6" PIPE TO ELBOW (HIGH STRESS)	UT, PT	(1)	631-108
B9.11	1E51-0005	6" ELBOW TO PIPE (HIGH STRESS)	UT, PT	(1)	631-108
B9.11	1E51-0006	6" PIPE TO ELBOW (HIGH STRESS)	UT, PT	2	631-108
B9.11	1E51-0007	6" ELBOW TO PIPE (HIGH STRESS)	UT, PT	2	631-108
B9.11	1E51-0008	6" PIPE TO FLANGE (HIGH STRESS)	UT, PT	NS	631-108
B9.11	1E51-0009	6" FLANGE TO PIPE (HIGH STRESS)	UT, PT	NS	631-108
B9.11	1E51-0010	6" PIPE TO FLANGE (HIGH STRESS)	UT, PT	3	631-108
B9.11	1E51-0011	6" ELBOW TO PIPE (HIGH STRESS)	UT, PT	NS	631-108
B9.11	1E51-0012	6" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	631-107
B9.11	1E51-0013	6" ELBOW TO PIPE	UT, PT	NS	631-107

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-J					
B9.11	1E51-0014	6" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	631-107
B9.11	1E51-0015	6" ELBOW TO PIPE	UT, PT	NS	631-107
B9.11	1E51-0016	6" PIPE TO ELBOW	UT, PT	NS	631-107
B9.11	1E51-0017	6" ELBOW TO PIPE (HIGH STRESS)	UT, PT	2	631-107
B9.11	1E51-0018	6" PIPE TO ELBOW (HIGH STRESS)	UT, PT	2	631-107
B9.11	1E51-0019	6" ELBOW TO PIPE (HIGH STRESS)	UT, PT	(2)	631-107
B9.11	1E51-0019A	6" PIPE TO PIPE (HIGH STRESS)	UT, PT	NS	631-107
B9.11	1E51-0020	6" PIPE TO P123 PROCESS PIPE	UT, PT	NS	631-107
B9.11	1E51-0021	6" P123 PROCESS PIPE TO VALVE F065 (HIGH STRESS)	UT, PT	NS	631-106
B9.11	1E51-0023	6" VALVE F065 TO PIPE (HIGH STRESS)	UT, PT	3	631-106
B9.11	1E51-0024	6" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	631-106
B9.11	1E51-0025	6" ELBOW TO PIPE	UT, PT	NS	631-106
B9.11	1E51-0026	6" PIPE TO ELBOW	UT, PT	NS	631-106
B9.11	1E51-0027	6" ELBOW TO PIPE	UT, PT	NS	631-106
B9.11	1E51-0028	6" PIPE TO ELBOW	UT, PT	NS	631-105
B9.11	1E51-0029	6" ELBOW TO PIPE	UT, PT	NS	631-105
B9.11	1E51-0029A	6" PIPE TO TEE	UT, PT	NS	631-105
B9.11	1E51-0029B	6" PIPE TO TEE	UT, PT	NS	631-105
B9.11	1E51-0030	6" PIPE TO VALVE F013	UT, PT	NS	631-105
B9.11	1E51-0120	10" PIPE TO VALVE F064 (HIGH STRESS)	UT, PT	3	632-102
B9.11	1E51-0121	10" P422 PROCESS PIPE TO PIPE (HIGH STRESS)	UT, PT	2	632-102
B9.11	1E51-0122	10" PIPE TO PENETRATION P422 PROCESS PIPE	UT, PT	(1)	632-101
B9.11	1E51-0123	10" VALVE F063 TO PIPE	UT, PT	NS	632-101
B9.11	1E51-0124	10" PIPE TO VALVE F063	UT, PT	NS	632-101
B9.11	1E51-0125	10" ELBOW TO PIPE (HIGH STRESS)	UT, PT	NS	632-101
B9.11	1E51-0126	10" PIPE TO ELBOW	UT, PT	NS	632-101
B9.11	1E51-0127	10" ELBOW TO PIPE	UT, PT	NS	632-101
B9.11	1E51-0128	10" PIPE TO ELBOW	UT, PT	NS	632-101
B9.11	1E51-0128A	10" PIPE TO PIPE	UT, PT	NS	632-101
B9.11	1E51-0129	26" X 10" CONTOUR NOZZLE TO PIPE	UT, PT	NS	632-101
B9.21	1G33-0001	RPV NOZZLE N15 TO 2" PIPE	PT	3	671-101
B9.21	1G33-0002	2" PIPE TO ELBOW	PT	NS	671-101
B9.21	1G33-0003	2" ELBOW TO PIPE	PT	NS	671-101
B9.21	1G33-0004	2" PIPE TO ELBOW	PT	NS	671-101

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Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI</u> <u>ISC</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.40	1G33-0006	2* PIPE TO ELBOW	PT	NS	671-101
B9.40	1G33-0007	2* ELBOW TO PIPE	PT	NS	671-101
B9.40	1G33-0007A	2* PIPE TO TEE	PT	NS	671-101
B9.40	1G33-0007C	2* TEE TO PIPE	PT	NS	671-101
B9.40	1G33-0008	2* PIPE TO ELBOW	PT	NS	671-101
B9.40	1G33-0009	2* ELBOW TO PIPE	PT	NS	671-101
B9.40	1G33-0010	2* PIPE TO ELBOW	PT	NS	671-101
B9.40	1G33-0011	2* ELBOW TO PIPE	PT	1	671-101
B9.40	1G33-0012	2* PIPE TO TEE	PT	NS	671-101
B9.40	1G33-0013	2* TEE TO 2" X 1 1/4" REDUCING INSERT	PT	NS	671-101
B9.40	1G33-0014	2* TEE TO PIPE	PT	NS	671-101
B9.40	1G33-0015	2* PIPE TO ELBOW	PT	NS	671-101
B9.40	1G33-0016	2* ELBOW TO PIPE	PT	NS	671-101
B9.40	1G33-0017	2* PIPE TO ELBOW	PT	NS	671-102
B9.40	1G33-0018	2* ELBOW TO PIPE	PT	NS	671-102
B9.40	1G33-0019	2* PIPE TO TEE	PT	1	671-101
B9.40	1G33-0020	2* TEE TO 2" X 1 1/4" REDUCING INSERT	PT	NS	671-101
B9.40	1G33-0021	2* TEE TO PIPE	PT	NS	671-101
B9.40	1G33-0022	2* PIPE TO ELBOW	PT	NS	671-102
B9.40	1G33-0023	2* ELBOW TO PIPE	PT	2	671-102
B9.40	1G33-0024	2* PIPE TO TEE	PT	NS	671-102
B9.40	1G33-0024A	2* TEE TO PIPE	PT	NS	671-102
B9.40	1G33-0024B	2* PIPE TO VALVE F029	PT	NS	671-102
B9.40	1G33-0024C	2* VALVE F029 TO PIPE	PT	NS	671-102
B9.40	1G33-0024D	2* PIPE TO VALVE F030	PT	NS	671-102
B9.40	1G33-0024E	2* TEE TO PIPE	PT	NS	671-102
B9.40	1G33-0024F	2* PIPE TO ELBOW (HIGH STRESS)	PT	2	671-102
B9.40	1G33-0025	2* ELBOW TO PIPE (HIGH STRESS)	PT	2	671-102
B9.40	1G33-0025A	2* PIPE TO TEE (HIGH STRESS)	PT	3	671-102
B9.40	1G33-0025B	2* TEE TO REDUCER (HIGH STRESS)	PT	3	671-102
B9.40	1G33-0025C	2* TEE TO PIPE (HIGH STRESS)	PT	3	671-102
B9.21	1G33-0026	2* PIPE TO 3" X 2" REDUCER (HIGH STRESS)	PT	2	671-102
B9.21	1G33-0027	3* PIPE TO 3" X 2" REDUCER	PT	NS	671-102
B9.21	1G33-0028	3" X 3" X 1 1/2" TEE TO PIPE	PT	NS	671-102
B9.21	1G33-0029	3* PIPE TO TEE	PT	NS	671-102

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-J					
B9.21	1G33-0030	3" ELBOW TO PIPE	PT	NS	671-102
B9.21	1G33-0031	3" PIPE TO ELBOW	PT	NS	671-102
B9.21	1G33-0032	3" VALVE F101 TO PIPE	PT	NS	671-102
B9.21	1G33-0033	3" PIPE TO VALVE F101	PT	NS	671-102
B9.21	1G33-0034	3" X 3" X 1 1/2" TEE TO PIPE	PT	NS	671-102
B9.40	1G33-0035	1 1/2" PIPE TO 3" X 1 1/2" TEE	PT	3	671-102
B9.40	1G33-0036	1 1/2" ELBOW TO PIPE	PT	3	671-102
B9.40	1G33-0037	1 1/2" PIPE TO ELBOW	PT	NS	671-102
B9.40	1G33-0038	1 1/2" VALVE F103 TO PIPE	PT	NS	671-102
B9.40	1G33-0039	1 1/2" PIPE TO VALVE F103	PT	NS	671-102
B9.40	1G33-0040	3" X 1-1/2" TEE TO PIPE	PT	NS	671-102
B9.21	1G33-0041	3" PIPE TO TEE	PT	NS	671-102
B9.21	1G33-0042	3" PIPE TO ELBOW	PT	2	671-102
B9.21	1G33-0043	3" PIPE TO ELBOW	PT	1	671-102
B9.21	1G33-0044	3" ELBOW TO PIPE	PT	NS	671-102
B9.21	1G33-0045	3" PIPE TO ELBOW	PT	3	671-102
B9.21	1G33-0046	3" ELBOW TO PIPE	PT	NS	671-102
B9.21	1G33-0047	3" PIPE TO ELBOW	PT	NS	671-102
B9.21	1G33-0048	3" PIPE TO 6" X 3" REDUCER	PT	2	671-103
B9.11	1G33-0049	6" X 3" REDUCER TO 6" PIPE	UT, PT	(2)	671-103
B9.11	1G33-0050	6" X 6" TEE TO PIPE	UT, PT	NS	671-103
B9.11	1G33-0051	6" X 6" TEE TO PIPE	UT, PT	NS	671-103
B9.11	1G33-0052	6" PIPE TO FLOW ELEMENT FE N035	UT, PT	NS	671-103
B9.11	1G33-0053	6" FLOW ELEMENT FE N035 TO PIPE	UT, PT	NS	671-103
B9.11	1G33-0054	6" PIPE TO ELBOW (HIGH STRESS)	UT, PT	2	671-103
B9.11	1G33-0055	6" ELBOW TO PIPE (HIGH STRESS)	UT, PT	2	671-103
B9.11	1G33-0056	6" PIPE TO ELBOW (HIGH STRESS)	UT, PT	2	671-103
B9.11	1G33-0057	6" ELBOW TO PIPE (HIGH STRESS)	UT, PT	2	671-103
B9.11	1G33-0058	6" PIPE TO ELBOW	UT, PT	(2)	671-103
B9.11	1G33-0059	6" ELBOW TO PIPE	UT, PT	(2)	671-103
B9.11	1G33-0060	6" PIPE TO VALVE F001	UT, PT	2	671-103
B9.11	1G33-0061	6" VALVE F001 TO PIPE	UT, PT	1	671-103
B9.11	1G33-0062	6" PIPE TO P131 PROCESS PIPE	UT, PT	1	671-103
B9.11	1G33-0063	6" P131 PROCESS PIPE TO PIPE (HIGH STRESS & USAGE)	UT, PT	3	671-104
B9.11	1G33-0064	6" PIPE TO VALVE F004 (HIGH STRESS)	UT, PT	3	671-104

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Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.11	1G33-0065	6" PIPE TO TEE	UT, PT	NS	671-103
B9.11	1G33-0066	4" X 6" REDUCER TO PIPE	UT, PT	NS	671-103
B9.11	1G33-0067	4" PIPE TO REDUCER (HIGH STRESS)	UT, PT	3	671-103
B9.11	1G33-0067A	4" PIPE TO PIPE	UT, PT	NS	671-103
B9.11	1G33-0068	4" VALVE F102 TO PIPE	UT, PT	NS	671-103
B9.11	1G33-0069	4" ELBOW TO VALVE F102 (HIGH STRESS)	UT, PT	3	671-103
B9.11	1G33-0070	4" PIPE TO ELBOW	UT, PT	NS	671-103
B9.11	1G33-0073	4" BENT PIPE TO PIPE	UT, PT	NS	671-105
B9.11	1G33-0075	4" X 4" TEE TO PIPE	UT, PT	NS	671-105
B9.11	1G33-0076	4" X 4" TEE TO PIPE	UT, PT	NS	671-105
B9.11	1G33-0078	4" PIPE TO BENT PIPE	UT, PT	NS	671-105
B9.11	1G33-0081	4" PIPE TO VALVE F106	UT, PT	(1)	671-105
B9.11	1G33-0082	4" VALVE F106 TO PIPE	UT, PT	(1)	671-105
B9.11	1G33-0083	4" PIPE TO ELBOW	UT, PT	NS	671-105
B9.11	1G33-0084	4" ELBOW TO PIPE	UT, PT	NS	671-105
B9.11	1G33-0085	4" ELBOW TO PIPE (HIGH STRESS)	UT, PT	2	671-105
B9.11	1G33-0086	4" PIPE TO ELBOW (HIGH STRESS)	UT, PT	(2)	671-105
B9.11	1G33-0088	4" PIPE TO TEE	UT, PT	NS	671-105
B9.11	1G33-0090	4" PIPE TO BENT PIPE	UT, PT	NS	671-106
B9.11	1G33-0091	4" PIPE TO PIPE	UT, PT	NS	671-106
B9.11	1G33-0092	4" BENT PIPE TO PIPE	UT, PT	NS	671-106
B9.11	1G33-0094	4" BENT PIPE TO PIPE	UT, PT	NS	671-106
B9.11	1G33-0096	4" BENT PIPE TO PIPE	UT, PT	NS	671-106
B9.11	1G33-0097	4" PIPE TO PIPE	UT, PT	NS	671-106
B9.11	1G33-0099	4" PIPE TO BENT PIPE	UT, PT	NS	671-106
B9.11	1G33-0101	4" PIPE TO BENT PIPE (HIGH STRESS)	UT, PT	3	671-107
B9.11	1G33-0103	4" PIPE TO BENT PIPE	UT, PT	NS	671-107
B9.11	1G33-0107	4" VALVE F100 TO PIPE	UT, PT	NS	671-107
B9.11	1G33-0108	4" PIPE TO VALVE F100	UT, PT	(2)	671-107
B9.11	1G33-0109	4" ELBOW TO PIPE	UT, PT	NS	671-107
B9.11	1G33-0110	4" PIPE TO ELBOW	UT, PT	NS	671-107
B9.11	1G33-0111	4" ELBOW TO PIPE (HIGH STRESS)	UT, PT	(1)	671-107
B9.11	1G33-0112	4" PIPE TO ELBOW (HIGH STRESS)	UT, PT	(1)	671-107
B9.32	1G33-0144	4" PIPE TO HALF COUPLING BRANCH CONNECTION (HIGH STRESS)	PT	1	671-107
B9.40	1G33-0145	2" HALF COUPLING TO PIPE	PT	NS	671-107
B9.40	1G33-0146	2" PIPE TO ELBOW	PT	2	671-107

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.40	1G33-0147	2" ELBOW TO PIPE	PT	NS	671-107
B9.40	1G33-0148	2" PIPE TO VALVE F505B	PT	NS	671-107
B9.40	1G33-0149	2" VALVE F505A TO PIPE	PT	NS	671-107
B9.40	1G33-0150	2" PIPE TO VALVE F506A	PT	NS	671-107
B9.32	1G33-0151	2" HALF COUPLING BRANCH CONNECTION (HIGH STRESS)	PT	NS	671-105
B9.40	1G33-0152	2" HALF COUPLING TO PIPE	PT	3	671-105
B9.40	1G33-0153	2" PIPE TO ELBOW	PT	NS	671-105
B9.40	1G33-0154	2" ELBOW TO PIPE	PT	NS	671-105
B9.40	1G33-0155	2" PIPE TO VALVE F505B	PT	NS	671-105
B9.40	1G33-0156	2" VALVE F505 TO PIPE	PT	2	671-105
B9.40	1G33-0157	2" PIPE TO VALVE F506B	PT	NS	671-105
B9.40	1N22-0026	VALVE F022C TO 2" PIPE (HIGH STRESS)	PT	1	121-102
B9.40	1N22-0027	2" PIPE TO ELBOW	PT	NS	121-102
B9.40	1N22-0028	2" ELBOW TO PIPE	PT	NS	121-102
B9.40	1N22-0029	2" PIPE TO ELBOW	PT	NS	121-102
B9.40	1N22-0030	2" ELBOW TO PIPE	PT	1	121-102
B9.40	1N22-0030A	2" PIPE TO COUPLING	PT	NS	121-102
B9.40	1N22-0030B	2" COUPLING TO PIPE	PT	NS	121-102
B9.40	1N22-0031	2" PIPE TO ELBOW	PT	NS	121-102
B9.40	1N22-0031A	2" TEE TO PIPE	PT	NS	121-102
B9.40	1N22-0031B	2" PIPE TO TEE	PT	NS	121-102
B9.40	1N22-0031C	2" PIPE TO COUPLING	PT	2	121-102
B9.40	1N22-0032	2" ELBOW TO PIPE	PT	NS	121-102
B9.40	1N22-0033	2" PIPE TO ELBOW (HIGH STRESS)	PT	NS	121-102
B9.40	1N22-0034	2" ELBOW TO PIPE (HIGH STRESS)	PT	NS	121-102
B9.40	1N22-0035	2" PIPE TO ELBOW	PT	NS	121-102
B9.40	1N22-0036	2" ELBOW TO PIPE	PT	NS	121-102
B9.21	1N22-0037	2" PIPE TO 3" X 3" X 2" TEE	PT	NS	121-102
B9.40	1N22-0059	VALVE F022D TO 2" PIPE (HIGH STRESS)	PT	1	121-101
B9.40	1N22-0060	2" PIPE TO ELBOW	PT	NS	121-101
B9.40	1N22-0061	2" ELBOW TO PIPE	PT	NS	121-101
B9.40	1N22-0062	2" PIPE TO ELBOW	PT	NS	121-101
B9.40	1N22-0063	2" ELBOW TO PIPE	PT	NS	121-101

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.40	1N22-0064	2" PIPE TO ELBOW	PT	NS	121-101
B9.40	1N22-0065	2" ELBOW TO PIPE	PT	NS	121-101
B9.21	1N22-0066	2" PIPE TO 2" X 3" REDUCER	PT	NS	121-101
B9.21	1N22-0067	2" X 3" REDUCER TO 3" PIPE	PT	2	121-101
B9.21	1N22-0068	3" PIPE TO 3" X 3" X 2" TEE	PT	NS	121-101
B9.21	1N22-0069	3" X 3" X 2" TEE TO 3" PIPE	PT	NS	121-103
B9.21	1N22-0070	3" PIPE TO 3" X 3" X 2" TEE	PT	NS	121-103
B9.21	1N22-0071	3" X 3" X 2" TEE TO 3" PIPE	PT	NS	121-103
B9.21	1N22-0072	3" PIPE TO 3" X 3" X 2" TEE	PT	NS	121-103
B9.21	1N22-0073	3" X 3" X 2" TEE TO 3" PIPE	PT	NS	121-103
B9.21	1N22-0074	3" PIPE TO VALVE F016	PT	3	121-103
B9.21	1N22-0075	3" VALVE F016 TO P423	PT	NS	121-103
B9.21	1N22-0076	P423 TO 3" PIPE	PT	2	121-103
B9.21	1N22-0077	3" PIPE TO VALVE F019	PT	NS	121-103
B9.40	1N22-0103	VALVE F022B TO 2" PIPE (HIGH STRESS)	PT	3	121-101
B9.40	1N22-0104	2" PIPE TO ELBOW	PT	NS	121-101
B9.40	1N22-0105	2" ELBOW TO PIPE	PT	NS	121-101
B9.40	1N22-0106	2" PIPE TO ELBOW	PT	1	121-101
B9.40	1N22-0107	2" ELBOW TO PIPE	PT	NS	121-101
B9.40	1N22-0108	2" PIPE TO ELBOW	PT	NS	121-101
B9.40	1N22-0108A	2" ELBOW TO PIPE	PT	NS	121-101
B9.40	1N22-0108B	2" PIPE TO ELBOW	PT	NS	121-101
B9.40	1N22-0109	2" ELBOW TO PIPE	PT	NS	121-101
B9.40	1N22-0109A	2" PIPE TO COUPLING	PT	NS	121-101
B9.40	1N22-0109B	2" COUPLING TO PIPE	PT	NS	121-101
B9.40	1N22-0110	2" PIPE TO ELBOW (HIGH STRESS)	PT	NS	121-101
B9.40	1N22-0111	2" ELBOW TO PIPE (HIGH STRESS)	PT	NS	121-101
B9.40	1N22-0112	2" PIPE TO ELBOW	PT	NS	121-101
B9.40	1N22-0113	2" ELBOW TO PIPE	PT	NS	121-101
B9.40	1N22-0114	2" PIPE TO ELBOW	PT	NS	121-101
B9.40	1N22-0115	2" ELBOW TO PIPE	PT	NS	121-101
B9.21	1N22-0116	2" PIPE TO 3" X 3" X 2" TEE	PT	NS	121-101
B9.40	1N22-0136	VALVE F022A TO 2" PIPE (HIGH STRESS)	PT	3	121-102
B9.40	1N22-0137	2" PIPE TO ELBOW	PT	NS	121-102
B9.40	1N22-0138	2" ELBOW TO PIPE	PT	NS	121-102

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.40	1N22-0139	2" PIPE TO ELBOW	PT	NS	121-102
B9.40	1N22-0140	2" ELBOW TO PIPE	PT	NS	121-102
B9.40	1N22-0141	2" PIPE TO ELBOW	PT	NS	121-102
B9.40	1N22-0142	2" ELBOW TO PIPE	PT	2	121-102
B9.40	1N22-0143	2" PIPE TO ELBOW (HIGH STRESS)	PT	3	121-102
B9.40	1N22-0144	2" ELBOW TO PIPE (HIGH STRESS)	PT	3	121-102
B9.40	1N22-0145	2" PIPE TO ELBOW (HIGH STRESS)	PT	3	121-102
B9.40	1N22-0146	2" ELBOW TO PIPE (HIGH STRESS)	PT	3	121-102
B9.21	1N22-0147	2" PIPE TO 3" X 3" X 2" TEE	PT	1	121-102
B9.11	1N27-0001	20" PIPE TO CAP	UT, PT	NS	082-102
B9.11	1N27-0002	20" PIPE TO PIPE	UT, PT	NS	082-102
B9.11	1N27-0003	20" ELBOW TO PIPE	UT, PT	NS	082-102
B9.11	1N27-0004	20" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	082-102
B9.11	1N27-0005	20" VALVE F560A TO PIPE	UT, PT	NS	082-102
B9.11	1N27-0006	20" PIPE TO VALVE F560A	UT, PT	NS	082-102
B9.11	1N27-0007	20" VALVE F559A TO PIPE	UT, PT	NS	082-102
B9.11	1N27-0008	20" PENETRATION P121 PROCESS PIPE TO VALVE F559A	UT, PT	(1)	082-102
B9.11	1N27-0009	20" VALVE F032A TO PENETRATION P121 PROCESS PIPE	UT, PT	(1)	082-101
B9.11	1N27-0015	20" PIPE TO CAP	UT, PT	NS	082-105
B9.11	1N27-0016	12" PIPE TO PIPE	UT, PT	NS	082-105
B9.11	1N27-0017	20" ELBOW TO PIPE	UT, PT	NS	082-105
B9.11	1N27-0018	20" PIPE TO ELBOW (HIGH STRESS)	UT, PT	3	082-105
B9.11	1N27-0019	20" VALVE F560B TO PIPE	UT, PT	NS	082-105
B9.11	1N27-0020	20" PIPE TO VALVE F560B	UT, PT	NS	082-105
B9.11	1N27-0021	20" VALVE F559B TO PIPE	UT, PT	NS	082-105
B9.11	1N27-0022	20" PENETRATION P414 PROCESS PIPE TO VALVE F559B	UT, PT	(1)	082-105
B9.11	1N27-0023	20" VALVE F032B TO PENETRATION P414 PROCESS PIPE	UT, PT	NS	082-104
B9.31	1N27-0029	20" PIPE TO 14" SWEEPOLET (HIGH STRESS)	UT, PT	(2)	082-102
B9.11	1N27-0030	14" SWEEPOLET TO 14" X 12" REDUCER	UT, PT	(2)	082-102
B9.11	1N27-0031	14" X 12" REDUCER TO PIPE REDUCER (HIGH STRESS)	UT, PT	2	082-102
B9.11	1N27-0031A	12" PIPE TO PIPE (HIGH STRESS)	UT, PT	NS	082-102
B9.11	1N27-0032	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	082-103
B9.11	1N27-0033	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	3	082-103
B9.11	1N27-0034	12" PIPE TO N4C SAFE-END (HIGH STRESS)	UT, PT	3	082-103

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	ISO PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-J					
B9.31	1N27-0035	20" PIPE TO 14" SWEEPOLET (HIGH STRESS & USAGE)	UT, PT	1	082-102
B9.11	1N27-0036	14" SWEEPOLET TO 14" X 12" REDUCER	UT, PT	NS	082-102
B9.11	1N27-0037	14" X 12" REDUCER TO PIPE (HIGH STRESS)	UT, PT	1	082-102
B9.11	1N27-0038	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	082-103
B9.11	1N27-0039	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	NS	082-103
B9.11	1N27-0040	12" PIPE TO N4B SAFE-END	UT, PT	NS	082-103
B9.31	1N27-0041	20" PIPE TO 14" SWEEPOLET (HIGH STRESS)	UT, PT	(2)	082-102
B9.11	1N27-0042	14" SWEEPOLET TO 14" PIPE	UT, PT	NS	082-102
B9.11	1N27-0043	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	(2)	082-102
B9.11	1N27-0044	14" ELBOW TO PIPE (HIGH STRESS)	UT, PT	(2)	082-102
B9.11	1N27-0045	14" PIPE TO 14" X 12" ELBOW	UT, PT	NS	082-102
B9.11	1N27-0046	14" X 12" ELBOW TO 12" PIPE	UT, PT	NS	082-103
B9.11	1N27-0046A	12" PIPE TO PIPE	UT, PT	NS	082-103
B9.11	1N27-0047	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	1	082-103
B9.11	1N27-0048	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	1	082-103
B9.11	1N27-0049	12" PIPE TO N4A SAFE-END (HIGH STRESS)	UT, PT	3	082-103
B9.31	1N27-0050	20" PIPE TO 14" SWEEPOLET (HIGH STRESS)	UT, PT	2	082-105
B9.11	1N27-0051	14" SWEEPOLET TO 14" X 12" REDUCER	UT, PT	NS	082-105
B9.11	1N27-0052	14" X 12" REDUCER TO PIPE (HIGH STRESS)	UT, PT	2	082-105
B9.11	1N27-0053	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	2	082-106
B9.11	1N27-0054	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	2	082-106
B9.11	1N27-0055	12" PIPE TO N4D SAFE-END (HIGH STRESS)	UT, PT	3	082-106
B9.31	1N27-0056	20" PIPE TO 14" SWEEPOLET (HIGH STRESS & USAGE)	UT, PT	(1)	082-105
B9.11	1N27-0057	14" SWEEPOLET TO 14" X 12" REDUCER	UT, PT	NS	082-105
B9.11	1N27-0058	14" X 12" REDUCER TO PIPE (HIGH STRESS)	UT, PT	1	082-105
B9.11	1N27-0058A	12" PIPE TO PIPE	UT, PT	NS	082-105
B9.11	1N27-0059	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	082-106
B9.11	1N27-0060	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	NS	082-106
B9.11	1N27-0061	12" PIPE TO N4E SAFE-END	UT, PT	NS	082-106
B9.31	1N27-0062	20" PIPE TO 14" SWEEPOLET (HIGH STRESS)	UT, PT	NS	082-105
B9.11	1N27-0063	14" SWEEPOLET TO PIPE	UT, PT	NS	082-105
B9.11	1N27-0064	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	NS	082-105
B9.11	1N27-0065	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	NS	082-105
B9.11	1N27-0066	14" PIPE TO 14" X 12" ELBOW	UT, PT	NS	082-105
B9.11	1N27-0067	14" X 12" REDUCING ELBOW TO PIPE	UT, PT	NS	082-106

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-J					
B9.11	1N27-0067A	12" PIPE TO PIPE	UT, PT	NS	082-106
B9.11	1N27-0068	12" PIPE TO ELBOW (HIGH STRESS)	UT, PT	(1)	082-106
B9.11	1N27-0069	12" ELBOW TO PIPE (HIGH STRESS)	UT, PT	1	082-106
B9.11	1N27-0070	12" PIPE TO N4F SAFE-END (HIGH STRESS)	UT, PT	3	082-106
B9.22		DOES NOT EXIST			
EXAMINATION CATEGORY: B-K-1					
B10.10	1B21-G101A-WA	INTEGRAL WELDED ATTACHMENT FOR RIGID GUIDE	VT-1*	2	605-101
B10.10	1B21-G101B-WA	INTEGRAL WELDED ATTACHMENT FOR RIGID GUIDE	VT-1*	1	605-102
B10.10	1B21-G101C-WA	INTEGRAL WELDED ATTACHMENT FOR RIGID GUIDE	VT-1*	3	605-103
B10.10	1B21-G101D-WA	INTEGRAL WELDED ATTACHMENT FOR RIGID GUIDE	VT-1*	3	605-104
B10.10	1B21-P122-WA	P122 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	MT	2	605-109
B10.10	1B21-P124-WA	P124 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	MT	3	605-107
B10.10	1B21-P415-WA	P415 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	MT	1	605-110
B10.10	1B21-P416-WA	P416 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	MT	2	605-108
B10.10	1B33-H305A-WA	INTEGRAL WELDED ATTACHMENT FOR VARIABLE SPRING	PT	1	602-102
B10.10	1B33-H305B-WA	INTEGRAL WELDED ATTACHMENT FOR VARIABLE SPRING	PT	2	602-104
B10.10	1B33-H306A-WA	INTEGRAL WELDED ATTACHMENT FOR VARIABLE SPRING	PT	1	602-102
B10.10	1B33-H306B-WA	INTEGRAL WELDED ATTACHMENT FOR VARIABLE SPRING	PT	2	602-104
B10.20	1B33-S372A-WA	PUMP WELDED ATTACHMENT	PT	1	602-102
B10.20	1B33-S372B-WA	PUMP WELDED ATTACHMENT	PT	2	602-104
B10.20	1B33-S373A-WA	PUMP WELDED ATTACHMENT	PT	1	602-102
B10.20	1B33-S373B-WA	PUMP WELDED ATTACHMENT	PT	2	602-104
B10.20	1B33-S374A-WA	PUMP WELDED ATTACHMENT	PT	2	602-102
B10.20	1B33-S374B-WA	PUMP WELDED ATTACHMENT	PT	3	602-104
B10.20	1B33-S375A-WA	PUMP WELDED ATTACHMENT	PT	2	602-102
B10.20	1B33-S375B-WA	PUMP WELDED ATTACHMENT	PT	3	602-104
B10.10	1C41-PRB4031-WA	PRB4031 ANCHOR ATTACHMENT TO PROCESS PIPE	PT	3	691-102
B10.10	1E12-H0100-WA	INTEGRAL WELDED ATTACHMENT FOR SPRING HANGER	MT	1	642-117
B10.10	1E12-P411-WA	P411 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	MT	2	642-135
B10.10	1E12-P421-WA	P421 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	MT	2	642-101

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-K-1					
B10.10	1E12-PRB2035-WA	PRB2035 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	MT	2	642-143
B10.10	1E12-PRB2036-WA	PRB2036 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	MT	2	642-139
B10.10	1E12-PRB2044-WA	PRB2044 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	MT	1	642-126
B10.10	1E21-P112-WA	P112 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	MT	3	705-109
B10.10	1E21-PRB3046-WA	PRB3046 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	MT	2	705-110
B10.10	1E22-P410-WA	P410 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	MT	1	701-109
B10.10	1E22-PRB3052-WA	PRB3052 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	MT	2	701-110
B10.10	1E51-H0102-WA	INTEGRAL WELDED ATTACHMENT FOR RIGID SUPPORT	MT	1	632-101
B10.10	1E51-H0150-WA	INTEGRAL WELDED ATTACHMENT FOR VARIABLE SPRING	MT	2	631-108
B10.10	1E51-P123-WA	P123 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	MT	3	631-106
B10.10	1E51-P422-WA	P422 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT	MT	2	632-102
B10.10	1G33-P131-WA	P131 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT	MT	3	671-104
B10.10	1N22-P423-WA	P423 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	MT	3	121-103
B10.10	1N27-H0010-WA	INTEGRAL WELDED ATTACHMENT FOR VARIABLE SPRING	MT	3	082-103
B10.10	1N27-H0022-WA	INTEGRAL WELDED ATTACHMENT FOR VARIABLE SPRING	MT	2	082-106
B10.10	1N27-H0029-WA	INTEGRAL WELDED ATTACHMENT FOR RIGID GUIDE	MT	1	082-102
B10.10	1N27-H0030-WA	INTEGRAL WELDED ATTACHMENT FOR RIGID GUIDE	MT	2	082-105
B10.10	1N27-P121-WA	P121 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	MT	1	082-101
B10.10	1N27-P414-WA	P414 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	MT	3	082-104
B10.30		DOES NOT EXIST			

*VT-1 Scheduled in Lieu of MT (See Relief IR-025)

EXAMINATION CATEGORY: B-L-1

B12.10 NOT APPLICABLE TO PNPP

EXAMINATION CATEGORY: B-L-2

B12.20	1B33-C001A-IS	PUMP C001A INTERNAL SURFACE	VT-3	NS	602-102
B12.20	1B33-C001B-IS	PUMP C001B INTERNAL SURFACE	VT-3	1	602-104

EXAMINATION CATEGORY: B-M-1

B12.30	1G33-F0101-SEAM	3* GATE VALVE, BODY WELD (GROUPING NUMBER X)	PT	3	671-102
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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-M-1					
B12.40	1E12-F0019-SEAM	6" CHECK VALVE, BODY WELD (GROUPING NUMBER XIV)	UT	3	642-122
B12.40	1E12-F0039A-SEAM	12" GATE VALVE, BODY WELD (GROUPING NUMBER XII)	UT	NS	642-125
B12.40	1E12-F0039B-SEAM	12" GATE VALVE, BODY WELD (GROUPING NUMBER XII)	UT	NS	642-141
B12.40	1E12-F0039C-SEAM	12" GATE VALVE, BODY WELD (GROUPING NUMBER XII)	UT	NS	642-145
B12.40	1E12-F0042A-SEAM	12" GATE VALVE, BODY WELD (GROUPING NUMBER XII)	UT	3	642-126
B12.40	1E12-F0042B-SEAM	12" GATE VALVE, BODY WELD (GROUPING NUMBER XII)	UT	NS	642-137
B12.40	1E12-F0042C-SEAM	12" GATE VALVE, BODY WELD (GROUPING NUMBER XII)	UT	NS	642-134
B12.40	1E21-F0005-SEAM	12" GATE VALVE, BODY WELD (GROUPING NUMBER XVI)	UT	3	705-108
B12.40	1E21-F0007-SEAM	12" GATE VALVE, BODY WELD (GROUPING NUMBER XVI)	UT	NS	705-111
B12.40	1E22-F0036-SEAM	12" GATE VALVE, BODY WELD (GROUPING NUMBER XVIII)	UT	3	701-111
B12.40	1E51-F0013-SEAM	6" GATE VALVE, BODY WELD (GROUPING NUMBER XXI)	UT	3	631-105
B12.40	1E51-F0063-SEAM	10" GATE VALVE, BODY WELD (GROUPING NUMBER XXII)	UT	NS	632-101
B12.40	1E51-F0064-SEAM	10" GATE VALVE, BODY WELD (GROUPING NUMBER XXII)	UT	3	632-102
B12.40	1G33-F0001-SEAM	6" GATE VALVE, BODY WELD (GROUPING NUMBER VIII)	UT	NS	671-103
B12.40	1G33-F0004-SEAM	6" GATE VALVE, BODY WELD (GROUPING NUMBER VIII)	UT	3	671-104
B12.40	1G33-F0100-SEAM	4" GATE VALVE, BODY WELD (GROUPING NUMBER IX)	UT	3	671-107
B12.40	1G33-F0106-SEAM	4" GATE VALVE, BODY WELD (GROUPING NUMBER IX)	UT	NS	671-105

EXAMINATION CATEGORY: B-M-2

B12.50	1B21-F0022A-IS	26" GLOBE, MSIV, INTERNAL SURFACE (GROUPING NUMBER II)	VT-3	NS	605-101
B12.50	1B21-F0022B-IS	26" GLOBE, MSIV, INTERNAL SURFACE (GROUPING NUMBER II)	VT-3	NS	605-102
B12.50	1B21-F0022C-IS	26" GLOBE, MSIV, INTERNAL SURFACE (GROUPING NUMBER II)	VT-3	NS	605-103
B12.50	1B21-F0022D-IS	26" GLOBE, MSIV, INTERNAL SURFACE (GROUPING NUMBER II)	VT-3	NS	605-104
B12.50	1B21-F0028A-IS	26" GLOBE, MSIV, INTERNAL SURFACE (GROUPING NUMBER II)	VT-3	1	605-107
B12.50	1B21-F0028B-IS	26" GLOBE, MSIV, INTERNAL SURFACE (GROUPING NUMBER II)	VT-3	NS	605-108
B12.50	1B21-F0028C-IS	26" GLOBE, MSIV, INTERNAL SURFACE (GROUPING NUMBER II)	VT-3	NS	605-109
B12.50	1B21-F0028D-IS	26" GLOBE, MSIV, INTERNAL SURFACE (GROUPING NUMBER II)	VT-3	NS	605-110
B12.50	1B21-F0032A-IS	20" CHECK VALVE, INTERNAL SURFACE (GROUPING NUMBER III)	VT-3	2	082-101
B12.50	1B21-F0032B-IS	20" CHECK VALVE, INTERNAL SURFACE (GROUPING NUMBER III)	VT-3	NS	082-104
B12.50	1B21-F0041A-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	1,2,3*	605-101
B12.50	1B21-F0041B-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-102
B12.50	1B21-F0041C-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-103
B12.50	1B21-F0041D-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-104
B12.50	1B21-F0041E-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-101

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-M-2					
B12.50	1B21-F0041F-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-102
B12.50	1B21-F0041G-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-103
B12.50	1B21-F0041K-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-102
B12.50	1B21-F0047B-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-102
B12.50	1B21-F0047C-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-103
B12.50	1B21-F0047D-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-104
B12.50	1B21-F0047F-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-102
B12.50	1B21-F0047G-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-103
B12.50	1B21-F0047H-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-104
B12.50	1B21-F0051A-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-101
B12.50	1B21-F0051B-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-102
B12.50	1B21-F0051C-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-103
B12.50	1B21-F0051D-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-104
B12.50	1B21-F0051G-IS	SRV, INTERNAL SURFACE (GROUPING NUMBER I)	VT-3	NS	605-103
B12.50	1B33-F0023A-IS	22" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER V)	VT-3	NS	602-102
B12.50	1B33-F0023B-IS	22" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER V)	VT-3	3	602-104
B12.50	1B33-F0060A-IS	24" BALL VALVE, INTERNAL SURFACE (GROUPING NUMBER VI)	VT-3	NS	602-102
B12.50	1B33-F0060B-IS	24" BALL VALVE, INTERNAL SURFACE (GROUPING NUMBER VI)	VT-3	1	602-104
B12.50	1B33-F0067A-IS	24" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER VII)	VT-3	NS	602-102
B12.50	1B33-F0067B-IS	24" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER VII)	VT-3	2	602-104
B12.50	1E12-F0008-IS	20" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER XI)	VT-3	2	642-101
B12.50	1E12-F0009-IS	20" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER XI)	VT-3	NS	642-117
B12.50	1E12-F0010-IS	20" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER XI)	VT-3	NS	642-117
B12.50	1E12-F0019-IS	6" CHECK VALVE, INTERNAL SURFACE (GROUPING NUMBER XIV)	VT-3	2	642-122
B12.50	1E12-F0023-IS	6" GLOBE VALVE, INTERNAL SURFACE (GROUPING NUMBER XV)	VT-3	3	642-122
B12.50	1E12-F0039A-IS	12" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER XII)	VT-3	NS	642-125
B12.50	1E12-F0039B-IS	12" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER XII)	VT-3	NS	642-141
B12.50	1E12-F0039C-IS	12" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER XII)	VT-3	NS	642-145
B12.50	1E12-F0041A-IS	12" CHECK VALVE, INTERNAL SURFACE (GROUPING NUMBER XIII)	VT-3	2	642-125
B12.50	1E12-F0041B-IS	12" CHECK VALVE, INTERNAL SURFACE (GROUPING NUMBER XIII)	VT-3	NS	642-141
B12.50	1E12-F0041C-IS	12" CHECK VALVE, INTERNAL SURFACE (GROUPING NUMBER XIII)	VT-3	NS	642-145
B12.50	1E12-F0042A-IS	12" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER XII)	VT-3	3	642-126
B12.50	1E12-F0042B-IS	12" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER XII)	VT-3	NS	642-137
B12.50	1E12-F0042C-IS	12" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER XII)	VT-3	NS	642-134
B12.50	1E21-F0005-IS	12" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER XVI)	VT-3	3	705-113

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-M-2					
B12.50	1E21-F0006-IS	12" CHECK VALVE, INTERNAL SURFACE (GROUPING NUMBER XVII)	VT-3	3	705-111
B12.50	1E21-F0007-IS	12" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER XVI)	VT-3	NS	705-111
B12.50	1E22-F0004-IS	12" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER XIX)	VT-3	2	701-108
B12.50	1E22-F0005-IS	12" CHECK VALVE, INTERNAL SURFACE (GROUPING NUMBER XX)	VT-3	2	701-111
B12.50	1E22-F0036-IS	12" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER XVIII)	VT-3	3	701-111
B12.50	1E51-F0013-IS	6" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER XXI)	VT-3	2	631-105
B12.50	1E51-F0063-IS	10" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER XXII)	VT-3	NS	632-101
B12.50	1E51-F0064-IS	10" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER XXII)	VT-3	3	632-102
B12.50	1E51-F0065-IS	6" CHECK VALVE, INTERNAL SURFACE (GROUPING NUMBER XXIII)	VT-3	3	631-106
B12.50	1E51-F0066-IS	6" CHECK VALVE, INTERNAL SURFACE (GROUPING NUMBER XXIII)	VT-3	NS	631-108
B12.50	1G33-F0001-IS	6" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER VIII)	VT-3	NS	671-103
B12.50	1G33-F0004-IS	6" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER VIII)	VT-3	3	671-104
B12.50	1G33-F0100-IS	4" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER IX)	VT-3	NS	671-107
B12.50	1G33-F0106-IS	4" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER IX)	VT-3	NS	671-105
B12.50	1N27-F0559A-IS	20" CHECK VALVE, INTERNAL SURFACE (GROUPING NUMBER III)	VT-3	NS	082-102
B12.50	1N27-F0559B-IS	20" CHECK VALVE, INTERNAL SURFACE (GROUPING NUMBER III)	VT-3	NS	082-105
B12.50	1N27-F0560A-IS	20" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER IV)	VT-3	3	082-102
B12.50	1N27-F0560B-IS	20" GATE VALVE, INTERNAL SURFACE (GROUPING NUMBER IV)	VT-3	NS	082-105
*Completed every outage.					

EXAMINATION CATEGORY: B-N-1

B13.10	1B13-INTERIOR	REACTOR VESSEL INTERIOR REGION	VT-3	1,2,3	006-101
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EXAMINATION CATEGORY: B-N-2

B13.20	1B13-RBAVW-P01	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P02	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P03	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P04	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P05	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P06	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P07	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P08	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P09	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-N-2					
B13.20	1B13-RBAVW-P10	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P11	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P12	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P13	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P14	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P15	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P16	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P17	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P18	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P19	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-RBAVW-P20	JET PUMP RISER BRACE ARM/VESSEL ATTACHMENT WELDS	VT-1	2	006-101
B13.20	1B13-SSH-WA-1	RPV SAMPLE HOLDER, WELDED ATTACHMENT	VT-1	3	006-101
B13.20	1B13-SSH-WA-2	RPV SAMPLE HOLDER, WELDED ATTACHMENT	VT-1	3	006-101
B13.20	1B13-SSH-WA-3	RPV SAMPLE HOLDER, WELDED ATTACHMENT	VT-1	3	006-101
B13.30	1B13-CSS-WA	RPV CORE SPRAY SPARGER BRACKET/VESSEL WELDED ATTACHMENT	VT-3	3	006-101
B13.30	1B13-FS-WA	RPV FEEDWATER SPARGER BRACKET/VESSEL WELDED ATTACHMENT	VT-3	3	006-101
B13.30	1B13-GRSB-WA	RPV GUIDE ROD SUPPORT BRACKET/VESSEL WELDED ATTACHMENT	VT-3	3	006-101
B13.30	1B13-SDSB-WA	RPV STEAM DRYER SUPPORT BRACKET/VESSEL WELDED ATTACHMENT	VT-3	1	006-101
B13.40	1B13-CRDH-XX/YY	RPV CONTROL ROD GUIDE HOUSING, X/Y LOCATIONS	VT-3	SR	006-101
B13.40	1B13-CRGT-XX/YY	RPV CONTROL ROD GUIDE TUBE, X/Y LOCATIONS	VT-3	SR	006-101
B13.40	1B13-CSS-SI	RPV CORE SUPPORT STRUCTURE, SHROUD-INSIDE	VT-3	2	006-101
B13.40	1B13-CSS-SL-01	RPV CORE SUPPORT STRUCTURE, SHROUD LEG	VT-3	SR	006-101
B13.40	1B13-CSS-SL-02	RPV CORE SUPPORT STRUCTURE, SHROUD LEG	VT-3	SR	006-101
B13.40	1B13-CSS-SL-03	RPV CORE SUPPORT STRUCTURE, SHROUD LEG	VT-3	SR	006-101
B13.40	1B13-CSS-SL-04	RPV CORE SUPPORT STRUCTURE, SHROUD LEG	VT-3	SR	006-101
B13.40	1B13-CSS-SL-05	RPV CORE SUPPORT STRUCTURE, SHROUD LEG	VT-3	SR	006-101
B13.40	1B13-CSS-SL-06	RPV CORE SUPPORT STRUCTURE, SHROUD LEG	VT-3	SR	006-101
B13.40	1B13-CSS-SL-07	RPV CORE SUPPORT STRUCTURE, SHROUD LEG	VT-3	SR	006-101
B13.40	1B13-CSS-SL-08	RPV CORE SUPPORT STRUCTURE, SHROUD LEG	VT-3	SR	006-101
B13.40	1B13-CSS-SL-09	RPV CORE SUPPORT STRUCTURE, SHROUD LEG	VT-3	SR	006-101
B13.40	1B13-CSS-SL-010	RPV CORE SUPPORT STRUCTURE, SHROUD LEG	VT-3	SR	006-101
B13.40	1B13-CSS-SL-011	RPV CORE SUPPORT STRUCTURE, SHROUD LEG	VT-3	SR	006-101
B13.40	1B13-CSS-SL-012	RPV CORE SUPPORT STRUCTURE, SHROUD LEG	VT-3	SR	006-101
B13.40	1B13-CSS-SO	RPV CORE SUPPORT STRUCTURE, SHROUD OUTSIDE	VT-3	3	006-101
B13.40	1B13-CSS-SSP	RPV CORE SUPPORT STRUCTURE, SHROUD SUPPORT PLATE	VT-3	1	006-101

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-N-2					
B13.40	1B13-CSS-TGA	RPV CORE SUPPORT STRUCTURE, TOP GUIDE ASSEMBLY	VT-3	3	006-101
B13.40	1B13-CSS-TGG	RPV CORE SUPPORT STRUCTURE, TOP GUIDE GRID	VT-3	2	006-101
B13.40	1B13-CSSO-XX/YY	RPV CORE SUPPORT STRUCTURE, ORIFICED FUEL SUPPORT AND SURROUNDING CORE PLATE	VT-3	SR	006-101
B13.50		NOT APPLICABLE AT PNPP			
B13.60		NOT APPLICABLE AT PNPP			
EXAMINATION CATEGORY: B-N-3					
B13.70		NOT APPLICABLE AT PNPP			
EXAMINATION CATEGORY: B-O					
B14.10	1B13-02/23-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-02/23-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-02/27-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-02/27-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-02/31-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-02/31-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-02/35-FW	CRD HOUSING TO FLANGE WELD	PT	1	006-110
B14.10	1B13-02/35-HW	CRD HOUSING TO HOUSING WELD	PT	1	006-110
B14.10	1B13-02/39-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-02/39-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-06/15-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-06/15-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-06/47-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-06/47-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-10/11-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-10/11-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-10/51-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-10/51-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-14/07-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-14/07-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-14/55-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: B-0					
B14.10	1B13-14/55-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-22/03-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-22/03-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-22/59-FW	CRD HOUSING TO FLANGE WELD	PT	3	006-110
B14.10	1B13-22/59-HW	CRD HOUSING TO HOUSING WELD	PT	3	006-110
B14.10	1B13-26/03-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-26/03-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-26/59-FW	CRD HOUSING TO FLANGE WELD	PT	2	006-110
B14.10	1B13-26/59-HW	CRD HOUSING TO HOUSING WELD	PT	2	006-110
B14.10	1B13-30/03-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-30/03-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-30/59-FW	CRD HOUSING TO FLANGE WELD	PT	2	006-110
B14.10	1B13-30/59-HW	CRD HOUSING TO HOUSING WELD	PT	2	006-110
B14.10	1B13-34/03-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-34/03-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-34/59-FW	CRD HOUSING TO FLANGE WELD	PT	1	006-110
B14.10	1B13-34/59-HW	CRD HOUSING TO HOUSING WELD	PT	1	006-110
B14.10	1B13-38/03-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-38/03-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-38/59-FW	CRD HOUSING TO FLANGE WELD	PT	3	006-110
B14.10	1B13-38/59-HW	CRD HOUSING TO HOUSING WELD	PT	3	006-110
B14.10	1B13-46/07-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-46/07-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-46/55-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-46/55-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-50/11-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-50/11-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-50/51-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-50/51-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-54/15-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-54/15-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-54/47-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-54/47-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-58/23-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-58/23-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: B-0					
B14.10	1B13-58/27-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-58/27-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-58/31-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-58/31-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-58/35-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-58/35-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110
B14.10	1B13-58/39-FW	CRD HOUSING TO FLANGE WELD	PT	NS	006-110
B14.10	1B13-58/39-HW	CRD HOUSING TO HOUSING WELD	PT	NS	006-110

EXAMINATION CATEGORY: B-P

1-142	B15.10	PR COMPONENTS	REACTOR VESSEL-SYSTEM LEAKAGE TEST	VT-2	1,2,3**
	B15.11	PR COMPONENTS	REACTOR VESSEL-SYSTEM HYDROSTATIC TEST	VT-2	NS*
	B15.20	PRESSURIZER	NOT APPLICABLE AT PNPP		
	B15.21	PRESSURIZER	NOT APPLICABLE AT PNPP		
	B15.30	PRESSURIZER	NOT APPLICABLE AT PNPP		
	B15.31	PRESSURIZER	NOT APPLICABLE AT PNPP		
	B15.40	PRESSURIZER	NOT APPLICABLE AT PNPP		
	B15.41	PRESSURIZER	NOT APPLICABLE AT PNPP		
	B15.50	PIPING	PIPING-SYSTEM LEAKAGE TEST	VT-2	1,2,3**
	B15.51	PIPING	PIPING-SYSTEM HYDROSTATIC TEST	VT-2	NS*
	B15.60	PUMPS	PUMPS-SYSTEM LEAKAGE TEST	VT-2	1,2,3**
	B15.61	PUMPS	PUMPS-SYSTEM HYDROSTATIC TEST	VT-2	NS*
	B15.70	VALVES	VALVES-SYSTEM LEAKAGE TEST	VT-2	1,2,3**
	B15.71	VALVES	VALVES-SYSTEM HYDROSTATIC TEST	VT-2	NS*

* Not Scheduled in Accordance with Code Case N-498

** To be Performed Every Refueling Outage

EXAMINATION CATEGORY: B-Q

Rev. 3	B16.10	STEAM GEN	NOT APPLICABLE AT PNPP
	B16.20	STEAM GEN	NOT APPLICABLE AT PNPP

3.0 IWC (CLASS 2) EXAMINATIONS

Class 2 examination categories are identifiable by a 'C' as the first assigned letter and are as follows:

Examination Category	Examination Area (Examination Method)
C-A	Pressure Retaining Welds in Pressure Vessels (VOL.)
C-B	Pressure Retaining Nozzle Welds in Vessel (VOL., SUR., VT-2)
C-C	Integral Attachments for Vessels, Piping, Pumps and Valves (SUR.)
C-D	Pressure Retaining Bolting Greater Than 2 inches in Diameter (VOL.)
C-F-1 (N-408-2)	Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping (VOL., SUR.) (None at Perry)
C-F-2 (N-408-2)	Pressure Retaining Welds in Carbon and Low Alloy Steel Piping (VOL., SUR.)
C-G	Pressure Retaining Welds in Pumps and Valves (SUR.)
C-H	All Pressure Retaining Components (VT-2)

3.1 Exemptions

The following components within RHR, ECC, and CHR systems are exempted from volumetric and surface examination requirements per ASME Code Case N-408-2.

1. Vessels, piping, pumps, valves, and other components 4 inch NPS and smaller.
2. Piping and other components of any size beyond the last shutoff valve in open ended portions of systems that do not contain water during normal plant operations.

The following components in systems other than RHR, ECC, and CHR are exempted from volumetric and surface examination requirements.

1. Vessels, piping, pumps, valves, and other components 4 inch NPS and smaller.
2. Vessels, piping, pumps, valves, other components, and component connections of any size in systems or portions of systems that operate when the system function is required at a pressure equal to or less than 275 psig and at a temperature equal to or less than 200°.

Piping support members and piping support components that are encased in concrete are exempt from examination.

3.2 Examination Selection Process

For Examination Categories C-A, C-B, C-C, C-D, C-F-2 and C-G ASME Section XI delineates criteria which are applied in selecting the components or areas to be examined.

3.2.1 C-A, Pressure Retaining Welds in Pressure Vessels, and C-B, Pressure Retaining Nozzle Welds in Vessels.

The criteria for selecting the welds to be examined are:

1. for shell welds, only those at gross structural discontinuities such as shell (or head)-to-flange welds, and head to shell welds;
2. for all shell and nozzle welds, in the case of multiple vessels of similar design, size, and service (such as the RHR heat exchangers), the required examinations may be limited to one vessel.

3.2.2 C-C, Integral Attachments for Vessels, Piping, Pumps, and Valves

The criteria for selecting the welds to be examined are:

1. the attachment is on the outside of the pressure retaining component, and provides support as defined in NF-1110;
2. the attachment base material design thickness is 3/4 in. or greater;
3. in case of multiple vessels of similar design and service, the required examinations may be conducted on only one vessel;
4. limited to attachments of those components required to be examined under Examination Categories C-F and C-G.

3.2.3 C-D, Pressure Retaining Bolting Greater than 2 in. In Diameter

The criteria for selecting the bolting are:

1. the examination of bolting for vessels, pumps, and valves may be conducted on one vessel, one pump, one valve among a group of vessels, pumps, and valves in each system required to be examined and which are similar in design, size, function, and service (for Perry only the LPCS pump has bolting greater than 2 in. in diameter);
2. the examination of flange bolting in piping systems required to be examined may be limited to the flange connections in pipe runs selected for examination under Examination Category C-F-1 and C-F-2 (for Perry there is none greater than 2 in. in diameter).

3.2.4 C-F-2, Pressure Retaining Welds in Carbon or Low Alloy Steel Piping
(CC N-408-2)

The criteria for selecting the welds to be examined are:

1. the welds selected for examination shall include 7.5% of all carbon or low alloy welds not exempted by N-408-2 (some welds not exempted by N-408-2, such as welds greater than 4 inch NPS, but less than .375 inch NWT, are not required to be nondestructively examined per C-F-2. These welds, however, shall be included in the total weld count to which the 7.5% sampling rate is applied);
2. the examinations shall be distributed among the Class 2 systems prorated, to the degree practicable, on the number of non-exempt welds in each system;
3. within each system, the examinations shall be distributed among terminal ends and structural discontinuities (and line sizes) prorated, to the degree practicable, on the number of nonexempt terminal ends and structural discontinuities in that system.

The selection criteria is applied individually to the Code item numbers as referenced below:

Class 2 Piping Welds (Carbon or Low Alloy Steel)

1. Code Item Number: C5.50
Circumferential welds $\geq 3/8$ inch nominal wall thickness for piping NPS > 4 inches.
2. Code Item Number: C5.51
Longitudinal welds $\geq 3/8$ inch nominal wall thickness for piping NPS > 4 inches.
3. Code Item Number: C5.70
Socket welds.
4. Code Item Number: C5.81
Circumferential welds in piping branch connections of branch piping NPS ≥ 2 inches.
5. Code Item Number: C5.82
Longitudinal welds in piping branch connections of branch piping NPS ≥ 2 inches.

3.2.5 C-G, Pressure Retaining Welds in Pumps and Valves

The criteria for selecting the welds to be examined are:

1. limited to welds in components in piping runs examined under Examination Category C-F-2;

2. in case of multiple pumps and valves of similar design, size, function, and service in a system, the examination of only one pump and one valve among each group of multiple pumps and valves is required (see Tables 3.3.4-1 and 3.3.4-2 below)

TABLE 3.3.4-1 CLASS 2 PUMPS

<u>SYSTEM</u>	<u>PUMP ID</u>	<u>MANUFACTURER</u>
Residual Heat Removal	E12-C002A *	Bryon Jackson
Residual Heat Removal	E12-C002B *	Bryon Jackson
Residual Heat Removal	E12-C002C	Bryon Jackson
Low Pressure Core Spray	E21-C001	Bryon Jackson
High Pressure Core Spray	E22-C001	Bryon Jackson
Reactor Core Isolation Cooling	E51-C001	Bingham Williamette

* Similar design, size, function, and service

Table 3.3.4-2 Class-2 Valve Grouping

GROUPING NUMBER	MANUFACTURING METHOD	VALVE DESIGN	PIPING SYSTEM	VALVE SIZE (NPS)	WELDED BODY		VALVE ID. NUMBER
					YES	NO	
I	FORGED	SAFETY RELIEF VALVE	RESIDUAL HEAT REMOVAL	6"	YES YES		E12-F055A E12-F055B
II	FORGED	CHECK	HIGH PRESSURE CORE SPRAY	6"	YES		E22-F003
III	FORGED	GATE	HIGH PRESSURE CORE SPRAY	6"	YES		E22-F026
IV	FORGED	GATE	REACTOR CORE ISOLATION COOLING	6"	YES		E51-F502

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3.3 Additional Examinations

Examinations performed during an inspection (outage) which reveals indications exceeding acceptance standards will be extended to include additional components within the same examination category, approximately equal to the number of components examined initially during the inspection period.

Additional examinations which reveal a defect require the performance of the remaining interval scheduled examinations for similar components within the examination category. Additional criteria include:

1. Where examinations were limited to one loop or branch run of a similar configuration the additional examinations shall be extended to the second loop or branch run and approximately equal to the number of components initially examined.
2. If the additional examinations of the second loop or branch run reveals a defect the remaining number of loops or branch runs, performing similar function, shall be examined.

3.4 Successive Examinations

Components with flaw indications in Class 2 systems qualifying as conditionally acceptable for continued service will be scheduled for re-examination during the next inspection period.

Flaw indications which remain essentially unchanged for the next inspection period will revert to the original schedule of successive inspections.

3.5 Relief Requests

When compliance to Code examination requirements is not achievable, relief from examinations is requested. Inservice Relief Requests (IR) which have been filed with the NRC for components subject to the examination requirements of ASME Section XI, Article IWC are:

IR NO.			
IR-010	R-0	IR-014	R-0
IR-011	R-0	IR-015	R-0
IR-012	R-1	IR-019	R-0
IR-013	R-0	IR-020	R-0
		IR-026	R-0

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-010

I. Identification of Components

Class 2, Category C-A, Item No. C1.20, pressure retaining shell cylinder-to-head weld number 1-E12-B001A-003 in Residual Heat Removal heat exchanger #B001A (ISI ISO SS-305-641-121).

II. ASME B&PV Section XI Requirements

Table IWC-2500-1 requires a 100% volumetric examination of the weld.

III. Relief Requested

Relief is requested from the required volumetric examination; because of seismic lug interferences only about 43% of weld volume (perpendicular scan) can be examined, at the first and subsequent examinations as scheduled in Section 3.6 if the ISEP.

IV. Basis for Relief

The structural integrity of the subject pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III, and additionally by meeting the requirements of ASME Section XI during preservice inspections. The weld was examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines. There were no reportable indications during preservice inspection.

The pressure boundary passed the required hydrostatic test, and has operated for a total of about 250 equivalent full power days between November 1987 and November 1988, without leakage indication attributable to the subject weld.

Since the construction, operating conditions and environmental conditions of the non-examined portions of the welds are identical to the examined portions, it is reasonable to apply satisfactory results to the non-examined portions.

In summary, because of acceptable initial weld condition, successful code hydrotest and operating experience without related leakage indications, the capability to examine about 40% of weld volume on a continuing basis, and the capability to detect pressure boundary leakage, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

None

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-011

I. Identification of Components

Class 2, Category C-B, Item No. C2.21, inlet nozzle weld number 1-E12-B001A-004 in residual heat removal heat exchanger shell head (ISI ISO SS-305-641-121).

II. ASME B&PV Section XI Requirements

Table IWC-2500-1, Item No. C2.21 requires a 100% surface and volumetric examination of the weld.

III. Relief Requested

Relief is requested from the required volumetric examination of the subject weld, because instrumentation line obstructions limit examination to 95% of required volume, at the first and subsequent examinations as scheduled in Section 3.6 of the ISEP.

IV. Basis for Relief

The structural integrity of the subject pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III, and additionally by meeting the requirements of ASME Section XI during preservice inspections. The weld was examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines. There were no reportable indications during preservice inspection.

The pressure boundary passed the required hydrostatic test, and has operated for a total of about 250 equivalent full power days between November 1987 and November 1988, without leakage indication attributable to the subject weld.

Since the construction, operating conditions and environmental conditions of the non-examined portions of the weld are identical to the examined portion (95%), it is reasonable to apply satisfactory results to the non-examined portion.

In summary, because of acceptable initial condition, successful code hydrotest and operating experience without related leakage indications, the capability to examine about 95% of weld volume on a continuing basis, and the capability to detect pressure boundary leakage, it is concluded that there is no significant impact on the overall level of plant quality and safety.

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Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-011

V. Alternate Examination

None

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-012, Rev. 1

I. Identification of Components

Class 2, Category C-C, (Item and component numbers in attached table), integrally welded support attachments.

II. ASME B&PV Section XI Requirements

Table IWC-2500-1 requires a 100% surface examination.

III. Relief Requested

Relief is requested from the required 100% surface examinations because of partial inaccessibility of the examination area, at the first and subsequent examinations as scheduled in Section 3.6 of the ISEP.

IV. Basis for Relief

The structural integrity of the subject pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III. The subject welds were examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines. There were no reportable indications during ASME Section XI preservice inspections.

The pressure boundary passed the required hydrostatic test and first period inservice system pressure tests, and has operated for a total of about 712 equivalent full power days between November 1987 and December 1990, without leakage indication attributable to the subject welds.

In addition to partial inspection of the subject welds, complete examinations meeting the requirements of the ASME Code Section XI are performed on welds of similar configurations which utilize essentially similar weld techniques, procedures and materials. The examined welds are subject to the same operating and environmental conditions as the partially examined welds.

Since the construction, operating conditions and environmental conditions of the non-examined portions of the welds are identical to the examined portions, it is reasonable to apply satisfactory results to the non-examined portions.

Design, procurement and operational provisions against nil ductile failure of the subject welds remain as described in the Perry USAR.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-012, Rev. 1

In summary, because of acceptable initial condition, successful test and operating experience, the capability to examine at least 50% of the weld surfaces on a continuing basis, the capability to detect pressure boundary leakage, and protection against brittle failure, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

No.

NOTE: Revision 0 of this relief request was granted by NRR in a Safety Evaluation dated April 25, 1990.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-012, Rev. 1

<u>ITEM NO.</u>	<u>COMPONENT I.D.</u>	<u>SYS./DWG. NO.</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST % COMPLETE</u>
C3.10	1-E12-B001A-SL1	641-121	SEISMIC LUG	GEOMETRY	SURFACE 95%
C3.10	1-E12-B001A-SL2	641-121	SEISMIC LUG	GEOMETRY	SURFACE 95%
C3.10	1-E12-B001A-SL3	641-121	SEISMIC LUG	GEOMETRY	SURFACE 95%
C3.10	1-E12-B001A-SL4	641-121	SEISMIC LUG	GEOMETRY	SURFACE 95%
C3.20	1-E22-H087-WA	701-113	WELDED ATTACHMENT	HANGER/CODE BAND AND DRAIN LINE INTERFERENCES	SURFACE 95%
1-154 C3.20	1-E12-H289-WA	641-101	WELDED ATTACHMENT	GEOMETRY	SURFACE 60%
C3.20	1-E12-H290-WA	641-101	WELDED ATTACHMENT	GEOMETRY	SURFACE 60%
C3.20	1-E12-H359-WA	642-116	WELDED ATTACHMENT	GEOMETRY	SURFACE 50%
C3.20	1-E12-H360-WA	642-116	WELDED ATTACHMENT	GEOMETRY	SURFACE 50%
C3.20	1-E12-H368-WA	642-114	WELDED ATTACHMENT	GEOMETRY	SURFACE 60%
C3.20	1-E12-H369-WA	642-114	WELDED ATTACHMENT	GEOMETRY	SURFACE 60%

E12 = RESIDUAL HEAT REMOVAL
E22 = HIGH PRESSURE CORE SPRAY

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-012, Rev. 1

<u>ITEM NO.</u>	<u>COMPONENT I.D.</u>	<u>SYS./DWG. NO.</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST % COMPLETE</u>
C3.20	1-E51-C0001-A-WA	631-109	WELDED PUMP CASING SUPPORT BRACKET	PUMP PEDESTAL BLOCKS ACCESS	83%
C3.20	1-E51-C0001-B-WA	631-109	WELDED PUMP CASING SUPPORT BRACKET	PUMP PEDESTAL BLOCKS ACCESS	83%
C3.20	1-E51-C0001-C-WA	631-109	WELDED PUMP CASING SUPPORT BRACKET	PUMP PEDESTAL BLOCKS ACCESS	83%
C3.20	1-E51-C0001-D-WA	631-109	WELDED PUMP CASING SUPPORT BRACKET	PUMP PEDESTAL BLOCKS ACCESS	83%

E51 = REACTOR CORE ISOLATION COOLING

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Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-013

I. Identification of Components

Class 2, Category C-G, Item C6.10, pump casing welds (See attached table for ID numbers).

II. ASME B&PV Section XI Requirements

Table IWC-2500-1 requires a 100% surface examination.

III. Relief Requested

Relief from the required surface examinations is requested because the pump barrel is below floor level making the welds inaccessible, at the first and subsequent examinations as scheduled in Section 3.6 of the ISEP. If any of the subject pumps are disassembled for repair or maintenance, with the pump barrel removed, accessible welds will be inspected at that time.

IV. Basis for Relief

The structural integrity of the subject pressure boundaries was demonstrated during construction by meeting the requirements of the ASME Code Section III, and additionally by meeting the requirements of ASME Section XI during preservice inspections. The subject welds were examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines. The subject welds had no reportable indications during perservice inspections.

The pressure boundary passed the required hydrostatic test, and has operated for a total of about 250 equivalent full power days between November 1987 and November 1988, without leakage indication attributable to the subject welds.

In summary, because of acceptable initial weld condition, successful code hydrotest and operating experience without related leakage indication, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

None

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-013

<u>WELD NO.</u>	<u>ISI ISO SS-305-</u>	<u>DESCRIPTION</u>
1-E22-C001-001	701-114	Pump Head to Barrel Shell Weld
1-E22-C001-002	701-114	Pump Shell to Shell Weld
1-E22-C001-003	701-114	Pump Shell to Shell Weld
1-E22-C001-004	701-114	Pump Shell to Flange Weld
1-E22-C001-013	701-114	Pump Barrel Longseam
1-E22-C001-014	701-114	Pump Barrel Longseam
1-E22-C001-015	701-114	Pump Barrel Longseam
1-E21-C001-001	705-113	Pump Head to Barrel Shell Weld
1-E21-C001-002	705-113	Pump Shell to Shell Weld
1-E21-C001-003	705-113	Pump Shell to Flange Weld
1-E21-C001-012	705-113	Pump Shell to Shell Weld
1-E21-C001-013	705-113	Pump Barrel Longseam
1-E21-C001-014	705-113	Pump Barrel Longseam
1-E21-C001-015	705-113	Pump Barrel Longseam
1-E12-C002A-001	641-120	Pump Head to Barrel Shell Weld
1-E12-C002A-002	641-120	Pump Shell to Shell Weld
1-E12-C002A-003	641-120	Pump Shell to Flange Weld
1-E12-C002A-012	641-120	Pump Shell to Shell Weld
1-E12-C002A-013	641-120	Pump Barrel Longseam
1-E12-C002A-014	641-120	Pump Barrel Longseam
1-E12-C002A-015	641-120	Pump Barrel Longseam

E12 = Residual Heat Removal
E22 = High Pressure Core Spray
E21 = Low Pressure Core Spray

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-013

<u>WELD NO.</u>	<u>ISI ISO SS-305-</u>	<u>DESCRIPTION</u>
1-E12-C002C-001	643-122	Pump Head to Barrel Shell Weld
1-E12-C002C-002	643-122	Pump Shell to Shell Weld
1-E12-C002C-003	643-122	Pump Shell to Flange Weld
1-E12-C002C-012	643-122	Pump Shell to Shell Weld
1-E12-C002C-013	643-122	Pump Barrel Longseam
1-E12-C002C-014	643-122	Pump Barrel Longseam
1-E12-C002C-015	643-122	Pump Barrel Longseam

E12 = Residual Heat Removal
E22 = High Pressure Core Spray
E21 = Low Pressure Core Spray

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-014

I. Identification of Components

Class 2, Category C-G, Item No. C6.20, 6" high pressure core spray check valve, body weld number 1-E22-F003-SEAM (Drawing SS-305-701-114).

II. ASME B&PV Section XI Requirements

Table IWC-2500-1 requires a 100% surface examination.

III. Relief Requested

Relief from the required surface examination is requested because a code plate partially obstructs about 5% of the examination area, at the first and subsequent examinations scheduled in Section 3.6 of the ISEP.

IV. Basis for Relief

The structural integrity of the valve pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III, and additionally by meeting the requirements of ASME Section XI during preservice inspections. The subject weld was examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines. There were no reportable indications during preservice inspection.

The pressure boundary passed the required hydrostatic test, and has operated for a total of about 250 equivalent full power days between November 1987 and November 1988.

Since the construction, operating conditions and environmental conditions of the non-examined portion of the weld are identical to the examined portion, it is reasonable to apply satisfactory results to the non-examined portion.

Design, procurement and operational provisions against nil ductile failure of the subject welds remain as described in the Perry USAR.

In summary, because of acceptable initial condition, successful code hydrotest and operating experience, the capability to examine about 95% of the weld surface on a continuing basis, and protection against brittle failure, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

None

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-015

I. Identification of Components

Class 2, Category C-C, Item No. C3.20 integrally welded support attachments for piping (See attached table for ID numbers).

II. ASME B&PV Section XI Requirements

Table IWC-2500-1 requires a 100% surface examination.

III. Relief Requested

Relief is requested from the required 100% surface examination of the penetration to process pipe attachment welds due to inaccessibility of the weld face within the ID of the penetration. 50% of the required surface is accessible and will be examined at the first and subsequent inspections scheduled in Section 3.6 of the ISEP.

IV. Basis for Relief

The structural integrity of the piping pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III. The subject welds were examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines.

Examinations meeting the requirements of the ASME Code Section XI were performed on the accessible face of the attachment weld with acceptable results during preservice inspection.

Penetration attachment welds within the high energy break exclusion region of piping systems were ultrasonically examined from the OD surface of the penetration. Although not performed specifically to supplement the limited surface examinations, these examinations do provide additional assurance of structural integrity.

The pressure boundary passed the required hydrostatic test, and has operated for a total of about 250 equivalent full power days between November 1987 and November 1988.

Since the construction, operating conditions and environmental conditions of the non-examined portion of the welds are identical to the examined portions, it is reasonable to apply satisfactory results from examined to the non-examined portions.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-015

Design, procurement and operational provisions against nil ductile failure of the subject welds remain as described in the Perry USAR.

In summary, because of acceptable initial condition, successful code hydrotest and operating experience, the capability to examine half of the subject weld surface on a continuing basis, and protection against brittle failure, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

None

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-015

<u>COMPONENT I.D.</u>	<u>ISI ISO SYSTEM/SS-305-</u>
*1G33-P132-WA	RWCU/672-102
1E12-P105-WA	RHR/642-121
1E12-P407-WA	RHR/642-126
1E12-P113-WA	LPCI/642-133
1E12-P412-WA	LPCI/642-137

RWCU = Reactor Water Cleanup
RHR = Residual Heat Removal
LPCI = Low Pressure Coolant Injection

*Received augmented ultrasonic examination as part of high energy break exclusion region.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-019

I. Identification of Components

Class 2, Category C-C (Item and component numbers in attached table), internally welded support attachments.

II. ASME B&PV Section XI Requirements

Table IWC-2500-1 requires a 100% surface examination.

III. Relief Requested

Relief is requested from the required 100% surface examinations because of partial inaccessibility of the examination area. See attached Table, Category C-C, (Page 2 of 2) for description of obstruction. Table C-C also contains an estimate of the percentage of weld surface accessible and examined during the first refueling outage and which will be examined at subsequent intervals as scheduled in Section 3.6 of the ISEP.

Basis for Relief

The structural integrity of the piping pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III, and additionally by meeting the requirements of ASME Section XI during preservice inspections. The subject welds were examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines. There were no reportable indications during preservice inspections.

The pressure boundary passed the required hydrostatic test, and has operated for a total of about 340 equivalent full power days between November 1987 and February 1989, without leakage indication attributable to the subject welds.

Complete examinations meeting the requirements of the ASME Code Section XI were performed on welds of similar configurations which utilized essentially similar weld techniques, procedures and materials. The examined welds are subject to the same operating and environmental conditions as the partially examined welds.

Since the construction, operating conditions and environmental conditions of the non-examined portion of the welds are identical to the examined portions, it is reasonable to apply satisfactory results from examined to the non-examined portions.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-019

In summary, because of acceptable initial weld condition, successful code hydrotest and operating experience without related leakage indications, and the capability to examine most or similar weld surfaces on a continuing basis, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

None

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-019

<u>ITEM NO.</u>	<u>COMPONENT I.D.</u>	<u>SYS./ISI ISO</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST % COMPLETE</u>
C3.20	1C11-H0032-WA	CONTROL ROD DRIVE SS-305-871-103	WELDED LUGS FOR PIPE SUPPORT	ADJACENT STRUCTURE	86%
C3.20	1C11-H0048-WA	CONTROL ROD DRIVE SS-305-871-101	WELDED LUGS FOR PIPE SUPPORT	ADJACENT STRUCTURE	86%
C3.20	1C11-H0665-WA	CONTROL ROD DRIVE SS-305-871-104	WELDED LUGS FOR PIPE SUPPORT	PIPE CLAMP	87%
C3.20	1C11-H0675-WA	CONTROL ROD DRIVE SS-305-871-102	WELDED LUGS FOR PIPE SUPPORT	PIPE CLAMP	87%
C3.20	1E12-H0354-WA	RESIDUAL HEAT REMOVAL SS-305-642-122	PIPE ANCHOR	ANCHOR CONFIGURATION	50%
C3.20	1E12-H0670-WA	RESIDUAL HEAT REMOVAL SS-305-642-137	WELDED LUGS FOR PIPE SUPPORT	PIPE CLAMP	87%
C3.20	1E22-H0027-WA	HIGH PRESSURE CORE SPRAY SS-305-701-102	PIPE ANCHOR	PIPE CLAMP	81%

1-165

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-020

I. Identification of Components

Class 2, Category C-F-2, Item C5.51, Piping Welds (See attached table for ID number).

II. ASME B&PV Section XI Requirements

Table 2 of Code Case N408 requires surface and volumetric examination.

III. Relief Requested

Relief is requested from the required volumetric examination due to adjacent socket weld connection which limits access to the required area.

IV. Basis for Relief

The structural integrity of the piping pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III, and additionally by meeting the requirements of ASME Section XI during preservice inspections. The subject welds were examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines. There were no reportable indications during preservice inspections.

The pressure boundary passed the required hydrostatic test, and has operated for a total of about 340 equivalent full power days between November 1987 and February 1989 without leakage indication attributable to the subject welds.

In summary, because of acceptable initial weld condition, successful code hydrotest and operating experience without related leakage indication, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

None

Sheet 2 of 2

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-020

<u>ITEM NO.</u>	<u>COMPONENT I.D.</u>	<u>SYS./ISI ISO</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST % COMPLETE</u>
C5.51	1E51-0031	RCIC/SS-305- 631-105	VALVE F013 TO 6" PIPE	ADJACENT S. W. CONN.	88%

1-167

Rev. 3

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-026

I. Identification of Components

Class 2, Category C-C, Item No. C3.20, integrally welded support attachments for piping (see attached table for ID numbers).

II. ASME B&PV Section XI Requirements

Table IWC-2500-1 requires a 100% surface examination (volumetric is not applicable).

III. Relief Requested

Relief is requested from the required 100% surface examination of the support lug to process pipe attachment welds because access limitations from the surrounding guide structure prohibit surface preparation and examination of the attachment welds without disassembly of the guide.

IV. Basis for Relief

The welded attachments identified in the attached table are pipe lugs within large and complicated guide supports for 26" main steam and 20" feedwater piping. Disassembly (and the subsequent reassembly) of the guides to provide access for the required surface exams requires over 320 manhours for each guide in a general radiation area of approximately 5 mr/hr. Without disassembly, access is sufficient for VT-1 examination (utilizing mirrors and a fiberscope) of the welds. Utilization of the VT-1 exams in lieu of surface exams maintains an adequate level of quality and safety without the hardships which would be incurred in disassembly.

The structural integrity of the piping pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III. The subject welds were examined in accordance with the appropriate Code requirements, weld techniques and welders were qualified in accordance with Code requirements, and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines.

The pressure boundary passed the required preservice hydrostatic test and first period inservice system pressure tests, and has operated for a total of about 712 equivalent full power days between November 1987 and December 1990.

Design, procurement and operational provisions against nil ductile failure of the subject welds remain as described in the Perry USAR.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-026

In summary, because of acceptable initial condition, successful test and operating experience, the capability to visually examine the subject weld surfaces on a continuing basis, and protection against brittle failure, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

VT-1 examinations will be performed, to the extent and frequency required by Table IWC-2500-1, in lieu of surface examinations.

NOTE: Relief from the subject surface examinations, without performance of an alternative visual examination, was previously requested in Relief Request IR-012, Rev. 0, and granted by NRR in a Safety Evaluation dated April 25, 1990.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-026

<u>ITEM NO.</u>	<u>COMPONENT I.D.</u>	<u>SYS./DWG. NO.</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST % COMPLETE</u>
C3.20	1N11-H0221-WA	MS/SS-305-605-108	WELDED LUGS FOR PIPE GUIDE	GUIDE ASSEMBLY	0%*
C3.20	1N11-H0222-WA	MS/SS-305-605-110	WELDED LUGS FOR PIPE GUIDE	GUIDE ASSEMBLY	0%*
C3.20	1N11-H0223-WA	MS/SS-305-605-107	WELDED LUGS FOR PIPE GUIDE	GUIDE ASSEMBLY	0%*
C3.20	1N11-H0224-WA	MS/SS-305-605-109	WELDED LUGS FOR PIPE GUIDE	GUIDE ASSEMBLY	0%*
C3.20	1N27-H0031-WA	FS/SS-305-082-104	WELDED LUGS FOR PIPE GUIDE	GUIDE ASSEMBLY	0%*
C3.20	1N27-H0032-WA	FW/SS-305-082-101	WELDED LUGS FOR PIPE GUIDE	GUIDE ASSEMBLY	0%*

* 0% Complete for Required Surface Examination, but Essentially 100% Complete for Alternative VT-1 Examination.

MS - MAIN STEAM
FW - FEEDWATER

3.6 Inservice Examination Table

This section contains the listing of all Class 2 components subject to the examination requirements of ASME Section XI, Article IWC. The components scheduled for examinations are presented to management for approval 60 days prior to commencing a scheduled refueling outage.

The information presented in the tables are defined below:

1. EXAMINATION CATEGORY - The basis for organizing components subject to examination.
2. ITEM NO. - A division within an examination category which separates the specific examination requirements.
3. MARK No. - A unique identification number assigned to each weld or component.
4. COMPONENT DESCRIPTION - A brief description used to identify the weld or component.
5. EXAM METHOD - This abbreviation identifies the unique non-destructive examination method(s) required for the weld or component. The abbreviations used in this listing are as follows:

MT	-	Magnetic Particle Testing
PT	-	Dye Penetrant Testing
UT	-	Ultrasonic Testing
RT	-	Radiography Testing
VT-1	-	Visual Examination for Surface Conditions
VT-2	-	Visual Examination for Leakage
VT-3	-	Visual Examination for General Conditions

6. PERIOD SCHED. - This column identifies the inspection period which the weld or component is scheduled to receive examination. The period scheduled can be either 1, 2, 3, or any combination of these numbers. Normally, there will be 2 refueling outages within each period. Scheduled examinations can be completed in either of the refueling outages as appropriate to facilitate other outage activities, but must be completed by the end of the period. For those welds or components not scheduled for examination, the letters "NS" will be inserted in place of an inspection period. For those components only examined when a particular situational requirement is met (ex. when removed), the letters "SR" will be inserted in place of an inspection period. An asterisk(s) in the schedule column denotes a scheduling peculiarity which will be explained at the end of the applicable category. Welds which have been examined, but due to program changes (e.g., Revision of the C-F-2 Selection Basis) are not to be credited toward ASME XI completion percentages, will have parentheticals around the period scheduled.

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: C-A					
C1.10	1E12-B001A-001	SHELL FLANGE TO SHELL CYLINDER #1	UT	1	641-121
C1.20	1E12-B001A-003	SHELL CYLINDER #3	UT	3	641-121
C1.10	1E12-B001B-001	SHELL FLANGE TO SHELL CYLINDER #1	UT	NS	643-121
C1.20	1E12-B001B-003	SHELL CYLINDER #3	UT	NS	643-121
C1.10	1E12-B001C-001	SHELL FLANGE TO SHELL CYLINDER #1	UT	NS	641-122
C1.20	1E12-B001C-003	SHELL CYLINDER #3	UT	NS	641-122
C1.10	1E12-B001D-001	SHELL FLANGE TO SHELL CYLINDER #1	UT	NS	643-123
C1.20	1E12-B001D-003	SHELL CYLINDER #3	UT	NS	643-123
1-172 C1.30		DOES NOT EXIST			
EXAMINATION CATEGORY: C-B					
C2.11		NOT APPLICABLE AT PNPP			
C2.21	1E12-B001A-002	SHELL CYLINDER #1 OUTLET NOZZLE NK-N3	UT, MT	2	641-121
C2.22	1E12-B001A-002-IR	OUTLET NOZZLE NK-N3 INNER RADIUS	UT	2	641-121
C2.21	1E12-B001A-004	SHELL HEAD TO INLET NOZZLE NK-N4	UT, MT	3	641-121
C2.22	1E12-B001A-004-IR	INLET NOZZLE NK-N4 INNER RADIUS	UT	3	641-121
C2.21	1E12-B001B-002	SHELL CYLINDER #1 OUTLET NOZZLE NK-N3	UT, MT	NS	643-121
C2.22	1E12-B001B-002-IR	OUTLET NOZZLE NK-N3 INNER RADIUS	UT	NS	643-121
C2.21	1E12-B001B-004	SHELL HEAD TO INLET NOZZLE NK-N4	UT, MT	NS	643-121
C2.22	1E12-B001B-004-IR	INLET NOZZLE NK-N4 INNER RADIUS	UT	NS	643-121
C2.21	1E12-B001C-002	SHELL CYLINDER #1 OUTLET NOZZLE NK-N3	UT, MT	NS	641-122
C2.22	1E12-B001C-002-IR	OUTLET NOZZLE NK-N3 INNER RADIUS	UT	NS	641-122
C2.21	1E12-B001C-004	SHELL HEAD TO INLET NOZZLE NK-N4	UT, MT	NS	641-122
C2.22	1E12-B001C-004-IR	INLET NOZZLE NK-N4 INNER RADIUS	UT	NS	641-122
C2.21	1E12-B001D-002	SHELL CYLINDER #1 OUTLET NOZZLE NK-N3	UT, MT	NS	643-123
C2.22	1E12-B001D-002-IR	OUTLET NOZZLE NK-N3 INNER RADIUS	UT	NS	643-123

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-B					
C2.21	1E12-B001D-004	SHELL HEAD TO INLET NOZZLE NK-N4	UT, MT	NS	643-123
C2.22	1E12-B001D-004-IR	INLET NOZZLE NK-N4 INNER RADIUS	UT	NS	643-123
C2.31		NOT APPLICABLE AT PNPP			
C2.32		NOT APPLICABLE AT PNPP			
C2.33		NOT APPLICABLE AT PNPP			
EXAMINATION CATEGORY: C-C					
C3.20	1C11-H0031-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	871-103
C3.20	1C11-H0032-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	871-103
C3.20	1C11-H0033-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	871-103
C3.20	1C11-H0038-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	871-103
C3.20	1C11-H0039-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	871-103
C3.20	1C11-H0040-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	871-104
C3.20	1C11-H0041-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	871-104
C3.20	1C11-H0042-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	871-104
C3.20	1C11-H0043-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	871-104
C3.20	1C11-H0046-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	871-101
C3.20	1C11-H0048-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	871-101
C3.20	1C11-H0049-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	871-101
C3.20	1C11-H0051-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	871-101
C3.20	1C11-H0052-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	871-101
C3.20	1C11-H0053-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	871-101
C3.20	1C11-H0056-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	871-102
C3.20	1C11-H0057-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	871-102
C3.20	1C11-H0060-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	871-102
C3.20	1C11-H0659-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	871-102
C3.20	1C11-H0660-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	871-101
C3.20	1C11-H0661-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	871-101
C3.20	1C11-H0662-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	871-104
C3.20	1C11-H0665-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	871-104
C3.20	1C11-H0666-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	871-104
C3.20	1C11-H0667-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	871-103
C3.20	1C11-H0668-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	871-103

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-	
EXAMINATION CATEGORY: C-C						
C3.20	1C11-H0674-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	871-101	
C3.20	1C11-H0675-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	871-102	
C3.10	1E12-B001A-SB1-WA	HEAT EXCHANGER SUPPORT BRACKET WELDED ATTACHMENT	MT	1	641-121	
C3.10	1E12-B001A-SB2-WA	HEAT EXCHANGER SUPPORT BRACKET WELDED ATTACHMENT	MT	2	641-121	
C3.10	1E12-B001A-SB3-WA	HEAT EXCHANGER SUPPORT BRACKET WELDED ATTACHMENT	MT	3	641-121	
C3.10	1E12-B001A-SB4-WA	HEAT EXCHANGER SUPPORT BRACKET WELDED ATTACHMENT	MT	3	641-121	
C3.10	1E12-B001A-SL1-WA	HEAT EXCHANGER GUIDE BRACKET WELDED ATTACHMENT	MT	1	641-121	
C3.10	1E12-B001A-SL2-WA	HEAT EXCHANGER GUIDE BRACKET WELDED ATTACHMENT	MT	2	641-121	
C3.10	1E12-B001A-SL3-WA	HEAT EXCHANGER GUIDE BRACKET WELDED ATTACHMENT	MT	1	641-121	
C3.10	1E12-B001A-SL4-WA	HEAT EXCHANGER GUIDE BRACKET WELDED ATTACHMENT	MT	2	641-121	
1-174	C3.10	1E12-B001B-SB1-WA	HEAT EXCHANGER SUPPORT BRACKET WELDED ATTACHMENT	MT	NS	643-121
	C3.10	1E12-B001B-SB2-WA	HEAT EXCHANGER SUPPORT BRACKET WELDED ATTACHMENT	MT	NS	643-121
	C3.10	1E12-B001B-SB3-WA	HEAT EXCHANGER SUPPORT BRACKET WELDED ATTACHMENT	MT	NS	643-121
	C3.10	1E12-B001B-SB4-WA	HEAT EXCHANGER SUPPORT BRACKET WELDED ATTACHMENT	MT	NS	643-121
	C3.10	1E12-B001B-SL1-WA	HEAT EXCHANGER GUIDE BRACKET WELDED ATTACHMENT	MT	NS	643-121
	C3.10	1E12-B001B-SL2-WA	HEAT EXCHANGER GUIDE BRACKET WELDED ATTACHMENT	MT	NS	643-121
	C3.10	1E12-B001B-SL3-WA	HEAT EXCHANGER GUIDE BRACKET WELDED ATTACHMENT	MT	NS	643-121
	C3.10	1E12-B001B-SL4-WA	HEAT EXCHANGER GUIDE BRACKET WELDED ATTACHMENT	MT	NS	643-121
C3.10	1E12-B001C-SB1-WA	HEAT EXCHANGER SUPPORT BRACKET WELDED ATTACHMENT	MT	NS	641-122	
C3.10	1E12-B001C-SB2-WA	HEAT EXCHANGER SUPPORT BRACKET WELDED ATTACHMENT	MT	NS	641-122	
C3.10	1E12-B001C-SB3-WA	HEAT EXCHANGER SUPPORT BRACKET WELDED ATTACHMENT	MT	NS	641-122	
C3.10	1E12-B001C-SB4-WA	HEAT EXCHANGER SUPPORT BRACKET WELDED ATTACHMENT	MT	NS	643-122	
C3.10	1E12-B001C-SL1-WA	HEAT EXCHANGER GUIDE BRACKET WELDED ATTACHMENT	MT	NS	643-122	
C3.10	1E12-B001C-SL2-WA	HEAT EXCHANGER GUIDE BRACKET WELDED ATTACHMENT	MT	NS	643-122	
C3.10	1E12-B001C-SL3-WA	HEAT EXCHANGER GUIDE BRACKET WELDED ATTACHMENT	MT	NS	643-122	
C3.10	1E12-B001C-SL4-WA	HEAT EXCHANGER GUIDE BRACKET WELDED ATTACHMENT	MT	NS	643-122	
Rev. 3	C3.10	1E12-B001D-SB1-WA	HEAT EXCHANGER SUPPORT BRACKET WELDED ATTACHMENT	MT	NS	643-123
	C3.10	1E12-B001D-SB2-WA	HEAT EXCHANGER SUPPORT BRACKET WELDED ATTACHMENT	MT	NS	643-123
	C3.10	1E12-B001D-SB3-WA	HEAT EXCHANGER SUPPORT BRACKET WELDED ATTACHMENT	MT	NS	643-123
	C3.10	1E12-B001D-SB4-WA	HEAT EXCHANGER SUPPORT BRACKET WELDED ATTACHMENT	MT	NS	643-123
	C3.10	1E12-B001D-SL1-WA	HEAT EXCHANGER GUIDE BRACKET WELDED ATTACHMENT	MT	NS	643-123

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: C-C					
C3.10	1E12-B001D-SL2-WA	HEAT EXCHANGER GUIDE BRACKET WELDED ATTACHMENT	MT	NS	643-123
C3.10	1E12-B001D-SL3-WA	HEAT EXCHANGER GUIDE BRACKET WELDED ATTACHMENT	MT	NS	643-123
C3.10	1E12-B001D-SL4-WA	HEAT EXCHANGER GUIDE BRACKET WELDED ATTACHMENT	MT	NS	643-123
C3.30	1E12-C002A-SP2-WA	RIGID PUMP GUIDE	MT	SR**	641-120
C3.30	1E12-C002A-SP3-WA	RIGID PUMP GUIDE	MT	SR**	641-120
C3.30	1E12-C002A-SP4-WA	RIGID PUMP GUIDE	MT	SR**	641-120
C3.30	1E12-C002B-SP2-WA	RIGID PUMP GUIDE	MT	NS	641-123
C3.30	1E12-C002B-SP3-WA	RIGID PUMP GUIDE	MT	NS	641-123
C3.30	1E12-C002B-SP4-WA	RIGID PUMP GUIDE	MT	NS	641-123
1-175	C3.30	1E12-C002C-SP2-WA	MT	NS	643-122
	C3.30	1E12-C002C-SP3-WA	MT	NS	643-122
	C3.30	1E12-C002C-SP4-WA	MT	NS	643-122
C3.20	1E12-H0044-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	642-137
C3.20	1E12-H0118-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	642-119
C3.20	1E12-H0120-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	643-110
C3.20	1E12-H0169-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	642-111
C3.20	1E12-H0173-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	642-110
C3.20	1E12-H0187-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	643-101
C3.20	1E12-H0263-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	642-127
C3.20	1E12-H0281-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	643-102
C3.20	1E12-H0289-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	641-101
C3.20	1E12-H0290-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	641-101
C3.20	1E12-H0308-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	642-105
C3.20	1E12-H0322-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	642-103
C3.20	1E12-H0323-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	642-103
C3.20	1E12-H0359-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	642-116
C3.20	1E12-H0360-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	642-116
C3.20	1E12-H0368-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	642-114
C3.20	1E12-H0369-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	642-114
C3.20	1E12-H0372-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	642-113

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: C-C					
C3.20	1E12-H0401-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	642-109
C3.20	1E12-H0412-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	643-117
C3.20	1E12-H0451-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	641-110
C3.20	1E12-H0463-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	641-110
C3.20	1E12-H0464-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	641-109
C3.20	1E12-H0475-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	642-121
C3.20	1E12-H0484-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	642-129
C3.20	1E12-H0488-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	642-129
C3.20	1E12-H0465-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	642-130
C3.20	1E12-H0529-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	641-106
C3.20	1E12-H0670-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	642-137
C3.20	1E12-H0708-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	643-117
C3.20	1E12-H0731-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	642-101
C3.20	1E12-P105-WA	PENETRATION P105 ANCHOR PLATE TO PROCESS PIPE WELDED ATTACHMENT	MT	3	642-121
C3.20	1E12-P113-WA	PENETRATION P113 ANCHOR PLATE TO PROCESS PIPE WELDED ATTACHMENT	MT	2	642-126
C3.20	1E12-P407-WA	PENETRATION P407 ANCHOR PLATE TO PROCESS PIPE WELDED ATTACHMENT	MT	3	642-133
C3.20	1E12-P412-WA	PENETRATION P412 ANCHOR PLATE TO PROCESS PIPE WELDED ATTACHMENT	MT	2	642-137
C3.30	1E21-C001-SP2-WA	RIGID PUMP GUIDE	MT	SR**	705-113
C3.30	1E21-C001-SP3-WA	RIGID PUMP GUIDE	MT	SR**	705-113
C3.30	1E21-C001-SP4-WA	RIGID PUMP GUIDE	MT	SR**	705-113
C3.20	1E21-H0020-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	705-102
C3.20	1E21-H0023-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	705-103
C3.20	1E21-H0043-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	705-106
C3.30	1E22-C001-SP2-WA	RIGID PUMP GUIDE	MT	SR**	701-114
C3.30	1E22-C001-SP3-WA	RIGID PUMP GUIDE	MT	SR**	701-114
C3.20	1E22-H0027-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	701-102

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Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-	
EXAMINATION CATEGORY: C-C						
C3.20	1E22-H0038-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	701-101	
C3.20	1E22-H0054-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	701-101	
C3.20	1E22-H0062-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	701-108	
C3.20	1E22-H0085-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	701-112	
C3.20	1E22-H0107-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	701-105	
C3.30	1E51-C001-A-WA	PUMP SUPPORT WELDED ATTACHMENT	MT	3	631-109	
C3.30	1E51-C001-B-WA	PUMP SUPPORT WELDED ATTACHMENT	MT	3	631-109	
C3.30	1E51-C001-C-WA	PUMP SUPPORT WELDED ATTACHMENT	MT	3	631-109	
C3.30	1E51-C001-D-WA	PUMP SUPPORT WELDED ATTACHMENT	MT	3	631-109	
1-177	C3.20	1E51-H0026-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	632-105
	C3.20	1E51-H0041-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	631-104
	C3.20	1E51-H0042-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	631-102
	C3.20	1E51-H0055-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	632-104
C3.20	1G33-P132-WA	PENETRATION P132 FLUED HEAD TO PROCESS PIPE ATTACHMENT WELD	MT	1	672-102	
C3.20	1N11-H0221-WA	PIPING SUPPORT WELDED ATTACHMENT	VT-1*	1	605-108	
C3.20	1N11-H0222-WA	PIPING SUPPORT WELDED ATTACHMENT	VT-1*	3	605-110	
C3.20	1N11-H0223-WA	PIPING SUPPORT WELDED ATTACHMENT	VT-1*	3	605-107	
C3.20	1N11-H0224-WA	PIPING SUPPORT WELDED ATTACHMENT	VT-1*	3	605-109	
C3.20	1N27-H0031-WA	PIPING SUPPORT WELDED ATTACHMENT	VT-1*	3	082-104	
C3.20	1N27-H0032-WA	PIPING SUPPORT WELDED ATTACHMENT	VT-1*	3	082-101	
C3.20	1P45-H0611-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	792-113	
C3.40		NOT APPLICABLE AT PNPP				

* VT-1 scheduled in lieu of MT (see relief request IR-026)

** Situational requirement performed if pump barrel is removed from floor.

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-D					
C4.10		NOT APPLICABLE AT PNPP			
C4.20		NOT APPLICABLE AT PNPP			
C4.30	1E21-C001-1B	LPCS PUMP, STUD #1	UT	1	705-113
C4.30	1E21-C001-2B	LPCS PUMP, STUD #2	UT	1	705-113
C4.30	1E21-C001-3B	LPCS PUMP, STUD #3	UT	1	705-113
C4.30	1E21-C001-4B	LPCS PUMP, STUD #4	UT	1	705-113
C4.30	1E21-C001-5B	LPCS PUMP, STUD #5	UT	1	705-113
C4.30	1E21-C001-6B	LPCS PUMP, STUD #6	UT	1	705-113
C4.30	1E21-C001-7B	LPCS PUMP, STUD #7	UT	1	705-113
C4.30	1E21-C001-8B	LPCS PUMP, STUD #8	UT	1	705-113
C4.30	1E21-C001-9B	LPCS PUMP, STUD #9	UT	2	705-113
C4.30	1E21-C001-10B	LPCS PUMP, STUD #10	UT	2	705-113
C4.30	1E21-C001-11B	LPCS PUMP, STUD #11	UT	2	705-113
C4.30	1E21-C001-12B	LPCS PUMP, STUD #12	UT	2	705-113
C4.30	1E21-C001-13B	LPCS PUMP, STUD #13	UT	2	705-113
C4.30	1E21-C001-14B	LPCS PUMP, STUD #14	UT	2	705-113
C4.30	1E21-C001-15B	LPCS PUMP, STUD #15	UT	2	705-113
C4.30	1E21-C001-16B	LPCS PUMP, STUD #16	UT	2	705-113
C4.30	1E21-C001-17B	LPCS PUMP, STUD #17	UT	3	705-113
C4.30	1E21-C001-18B	LPCS PUMP, STUD #18	UT	3	705-113
C4.30	1E21-C001-19B	LPCS PUMP, STUD #19	UT	3	705-113
C4.30	1E21-C001-20B	LPCS PUMP, STUD #20	UT	3	705-113
C4.30	1E21-C001-21B	LPCS PUMP, STUD #21	UT	3	705-113
C4.30	1E21-C001-22B	LPCS PUMP, STUD #22	UT	3	705-113
C4.30	1E21-C001-23B	LPCS PUMP, STUD #23	UT	3	705-113
C4.30	1E21-C001-24B	LPCS PUMP, STUD #24	UT	3	705-113
C4.40		NOT APPLICABLE AT PNPP			

EXAMINATION CATEGORY: C-F-1

C5.11	NOT APPLICABLE AT PNPP
C5.12	NOT APPLICABLE AT PNPP
C5.21	NOT APPLICABLE AT PNPP
C5.22	NOT APPLICABLE AT PNPP

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-1					
C5.30		NOT APPLICABLE AT PNPP			
C5.40		NOT APPLICABLE AT PNPP			
C5.41		NOT APPLICABLE AT PNPP			
C5.42		NOT APPLICABLE AT PNPP			
EXAMINATION CATEGORY: C-F-2					
C5.51	1B21-0017	26" VALVE B21-F028C TO PIPE	UT, PT	NS	605-109
C5.51	1B21-0018	26" PIPE TO 28" PIPE	UT, PT	1	605-109
C5.51	1B21-0019	28" PIPE TO VALVE N11-F020C	UT, PT	NS	605-109
C5.51	1B21-0052	26" VALVE B21-F028D TO PIPE	UT, PT	NS	605-110
C5.51	1B21-0053	26" PIPE TO 28" PIPE	UT, PT	NS	605-110
C5.51	1B21-0054	28" PIPE TO VALVE N11-F020D	UT, PT	2	605-110
C5.51	1B21-0094	26" VALVE B21-F028B TO PIPE	UT, PT	NS	605-108
C5.51	1B21-0095	26" PIPE TO 28" PIPE	UT, PT	NS	605-108
C5.51	1B21-0096	28" PIPE TO VALVE N11-F020B	UT, PT	NS	605-108
C5.51	1B21-0130	26" VALVE B21-F028A TO PIPE	UT, PT	NS	605-107
C5.51	1B21-0131	26" PIPE TO 28" PIPE	UT, PT	NS	605-107
C5.51	1B21-0132	28" PIPE TO VALVE N11-F020A	UT, PT	NS	605-107
C5.51	1C11-0001	8" CAP TO PIPE	UT, PT	NS	871-103
C5.51	1C11-0002	8" PIPE TO ELBOW	UT, PT	NS	871-103
C5.51	1C11-0003	8" ELBOW TO TEE	UT, PT	2	871-103
C5.51	1C11-0004	8" TEE TO ELBOW	UT, PT	NS	871-103
C5.51	1C11-0005	8" ELBOW TO 8" X 12" REDUCER	UT, PT	NS	871-103
C5.51	1C11-0006	8" X 12" REDUCER TO PIPE	UT, PT	NS	871-103
C5.51	1C11-0007	12" PIPE TO CAP	UT, PT	2	871-103
C5.51	1C11-0008	8" TEE TO PIPE	UT, PT	NS	871-103
C5.51	1C11-0009	8" PIPE TO TEE	UT, PT	NS	871-103
C5.51	1C11-0010	8" TEE TO PIPE	UT, PT	NS	871-103
C5.51	1C11-0010A	8" PIPE TO PIPE	UT, PT	NS	871-103
C5.51	1C11-0011	8" TEE TO PIPE	UT, PT	NS	871-103
C5.51	1C11-0012	8" PIPE TO CAP	UT, PT	NS	871-103
C5.51	1C11-0013	8" PIPE TO TEE	UT, PT	NS	871-103
C5.51	1C11-0014	8" TEE TO PIPE	UT, PT	NS	871-103

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1C11-0015	8" TEE TO PIPE	UT, PT	NS	871-103
C5.51	1C11-0015A	8" PIPE TO PIPE	UT, PT	NS	871-103
C5.51	1C11-0016	8" PIPE TO CAP	UT, PT	NS	871-103
C5.51	1C11-0017	8" PIPE BEND TO TEE	UT, PT	NS	871-103
C5.51	1C11-0017A	8" PIPE TO PIPE BEND	UT, PT	NS	871-103
C5.51	1C11-0018	8" TEE TO PIPE BEND	UT, PT	NS	871-103
C5.51	1C11-0019	8" TEE TO PIPE BEND	UT, PT	NS	871-103
C5.51	1C11-0020	8" PIPE BEND TO TEE	UT, PT	NS	871-103
C5.51	1C11-0021	8" TEE TO PIPE	UT, PT	NS	871-103
C5.51	1C11-0022	8" PIPE TO CAP	UT, PT	NS	871-103
C5.51	1C11-0023	8" TEE TO PIPE	UT, PT	NS	871-103
C5.51	1C11-0024	8" PIPE TO ELBOW	UT, PT	NS	871-103
C5.51	1C11-0025	8" ELBOW TO PIPE	UT, PT	NS	871-103
C5.51	1C11-0026	8" PIPE TO CAP	UT, PT	NS	871-103
C5.51	1C11-0027	8" PIPE BEND TO TEE	UT, PT	NS	871-104
C5.51	1C11-0028	8" TEE TO PIPE	UT, PT	NS	871-104
C5.51	1C11-0029	8" TEE TO PIPE	UT, PT	NS	871-104
C5.51	1C11-0030	8" CAP TO PIPE	UT, PT	2	871-104
C5.51	1C11-0031	8" PIPE TO TEE	UT, PT	NS	871-104
C5.51	1C11-0032	8" TEE TO PIPE	UT, PT	NS	871-104
C5.51	1C11-0033	8" PIPE TO TEE	UT, PT	3	871-104
C5.51	1C11-0034	8" PIPE TO CAP	UT, PT	NS	871-104
C5.51	1C11-0035	8" PIPE TO TEE	UT, PT	NS	871-104
C5.51	1C11-0036	8" TEE TO PIPE	UT, PT	NS	871-104
C5.51	1C11-0037	8" TEE TO PIPE	UT, PT	NS	871-104
C5.51	1C11-0038	8" PIPE TO CAP	UT, PT	NS	871-104
C5.51	1C11-0039	8" PIPE TO ELBOW	UT, PT	NS	871-104
C5.51	1C11-0040	8" ELBOW TO PIPE	UT, PT	NS	871-104
C5.51	1C11-0041	8" PIPE TO CAP	UT, PT	NS	871-104
C5.51	1C11-0042	8" CAP TO PIPE	UT, PT	NS	871-101
C5.51	1C11-0043	8" PIPE TO ELBOW	UT, PT	NS	871-101
C5.51	1C11-0044	8" ELBOW TO PIPE	UT, PT	NS	871-101
C5.51	1C11-0045	8" PIPE TO TEE	UT, PT	NS	871-101
C5.51	1C11-0046	8" TEE TO 8" X 12" REDUCING ELBOW	UT, PT	NS	871-101
C5.51	1C11-0047	8" X 12" REDUCING ELBOW TO PIPE	UT, PT	3	871-101

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1C11-0048	12" PIPE TO CAP	UT, PT	NS	871-101
C5.51	1C11-0049	8" TEE TO PIPE	UT, PT	NS	871-101
C5.51	1C11-0050	8" PIPE TO TEE	UT, PT	NS	871-101
C5.51	1C11-0051	8" TEE TO PIPE	UT, PT	NS	871-101
C5.51	1C11-0052	8" TEE TO PIPE	UT, PT	NS	871-101
C5.51	1C11-0053	8" PIPE TO CAP	UT, PT	NS	871-101
C5.51	1C11-0054	8" PIPE TO TEE	UT, PT	NS	871-101
C5.51	1C11-0055	8" TEE TO PIPE	UT, PT	NS	871-101
C5.51	1C11-0056	8" TEE TO PIPE	UT, PT	NS	871-101
C5.51	1C11-0057	8" PIPE TO CAP	UT, PT	NS	871-101
C5.51	1C11-0058	8" PIPE TO TEE	UT, PT	NS	871-101
C5.51	1C11-0059	8" TEE TO PIPE	UT, PT	NS	871-101
C5.51	1C11-0060	8" PIPE TO TEE	UT, PT	NS	871-101
C5.51	1C11-0060A	8" PIPE TO PIPE	UT, PT	NS	871-101
C5.51	1C11-0061	8" PIPE TO CAP	UT, PT	NS	871-101
C5.51	1C11-0062	8" PIPE BEND TO TEE	UT, PT	NS	871-101
C5.51	1C11-0063	8" TEE TO PIPE	UT, PT	NS	871-101
C5.51	1C11-0064	8" PIPE TO TEE	UT, PT	NS	871-101
C5.51	1C11-0065	8" TEE TO PIPE	UT, PT	NS	871-101
C5.51	1C11-0066	8" PIPE TO CAP	UT, PT	NS	871-101
C5.51	1C11-0067	8" TEE TO PIPE	UT, PT	NS	871-101
C5.51	1C11-0068	8" PIPE TO ELBOW	UT, PT	NS	871-101
C5.51	1C11-0069	8" ELBOW TO PIPE	UT, PT	NS	871-101
C5.51	1C11-0070	8" PIPE TO CAP	UT, PT	1	871-101
C5.51	1C11-0071	8" TEE TO PIPE	UT, PT	NS	871-101
C5.51	1C11-0072	8" PIPE TO TEE	UT, PT	NS	871-102
C5.51	1C11-0073	8" TEE TO PIPE	UT, PT	NS	871-102
C5.51	1C11-0074	8" TEE TO PIPE	UT, PT	NS	871-102
C5.51	1C11-0075	8" PIPE TO CAP	UT, PT	NS	871-102
C5.51	1C11-0076	8" PIPE TO TEE	UT, PT	NS	871-102
C5.51	1C11-0076A	8" PIPE TO PIPE	UT, PT	NS	871-102
C5.51	1C11-0077	8" TEE TO PIPE	UT, PT	NS	871-102
C5.51	1C11-0078	8" TEE TO PIPE	UT, PT	1	871-102
C5.51	1C11-0079	8" PIPE TO CAP	UT, PT	NS	871-102
C5.51	1C11-0080	8" PIPE TO ELBOW.	UT, PT	NS	871-102

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1C11-0081	8" ELBOW TO PIPE	UT, PT	NS	871-102
C5.51	1C11-0082	8" PIPE TO CAP	UT, PT	NS	871-102
C5.51	1E12-0013	20" PIPE BEND TO VALVE F008	UT, PT	NS	642-101
C5.81	1E12-0014	20" PIPE BEND TO 20" X 8" WELDOLET	PT	(1)	642-101
C5.51	1E12-0015	20" X 8" WELDOLET TO 8" PIPE (<.375 NWT)	N/A	NS	642-101
C5.51	1E12-0016	20" X 20" X 20" TEE TO PIPE BEND	UT, PT	NS	642-101
C5.51	1E12-0017	20" PIPE TO 20" X 20" X 20" TEE	UT, PT	NS	642-101
C5.51	1E12-0017A	20" X 18" REDUCER TO 20" PIPE	UT, PT	NS	642-101
C5.51	1E12-0018	18" PIPE TO 20" X 18" REDUCER	UT, PT	NS	642-101
C5.51	1E12-0019	18" ELBOW TO PIPE	UT, PT	NS	643-103
C5.51	1E12-0020	18" PIPE TO ELBOW	UT, PT	(2)	643-103
C5.51	1E12-0021	18" ELBOW TO PIPE	UT, PT	NS	642-105
C5.51	1E12-0022	18" PIPE TO ELBOW	UT, PT	NS	642-105
C5.51	1E12-0023	18" VALVE F006A TO PIPE	UT, PT	NS	642-105
C5.51	1E12-0024	18" PIPE TO VALVE F006A	UT, PT	NS	642-105
C5.51	1E12-0025	18" ELBOW TO PIPE	UT, PT	NS	642-105
C5.51	1E12-0026	18" PIPE TO ELBOW	UT, PT	NS	642-105
C5.51	1E12-0027	18" ELBOW TO PIPE	UT, PT	NS	642-105
C5.51	1E12-0028	18" PIPE TO ELBOW	UT, PT	NS	642-105
C5.51	1E12-0029	24" X 24" X 18" TEE TO 18" PIPE	UT, PT	3	641-101
C5.51	1E12-0030	24" X 24" X 18" TEE TO 24" PIPE	UT, PT	NS	641-101
C5.51	1E12-0031	24" PIPE TO ELBOW	UT, PT	NS	641-101
C5.51	1E12-0032	24" ELBOW TO PIPE	UT, PT	NS	641-101
C5.51	1E12-0033	24" PIPE TO FLANGE	UT, PT	NS	641-101
C5.51	1E12-0034	24" PIPE TO 24" X 24" X 18" TEE	UT, PT	NS	641-101
C5.51	1E12-0035	24" PIPE TO ELBOW	UT, PT	NS	641-101
C5.51	1E12-0036	24" ELBOW TO PIPE	UT, PT	NS	641-101
C5.51	1E12-0037	24" PIPE TO ELBOW	UT, PT	NS	641-101
C5.51	1E12-0038	24" X 24" X 16" TEE TO 24" PIPE	UT, PT	NS	641-101
C5.51	1E12-0039	24" X 24" X 16" TEE TO 16" PIPE	UT, PT	NS	641-101
C5.51	1E12-0039A	16" PIPE TO FLANGE, LPCS INTERTIE	UT, PT	NS	641-101
C5.51	1E12-0040	24" PIPE TO 24" X 24" X 16" TEE	UT, PT	NS	641-101
C5.51	1E12-0041	24" ELBOW TO PIPE	UT, PT	NS	641-101
C5.51	1E12-0042	24" PIPE TO ELBOW	UT, PT	2	641-101
C5.51	1E12-0043	24" ELBOW TO PIPE	UT, PT	NS	642-107

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0044	24" PIPE TO ELBOW	UT, PT	NS	642-107
C5.51	1E12-0045	24" VALVE F004A TO PIPE	UT, PT	NS	642-107
C5.51	1E12-0046	24" PIPE TO VALVE F004A	UT, PT	1	642-107
C5.51	1E12-0047	24" ELBOW TO PIPE	UT, PT	NS	642-107
C5.51	1E12-0048	24" PENETRATION P102 PROCESS PIPE TO ELBOW	UT, PT	NS	642-107
C5.51	1E12-0049	20" TEE TO PIPE	UT, PT	NS	642-101
C5.51	1E12-0050	20" PIPE TO 20" X 20" X 18" TEE	UT, PT	NS	642-102
C5.51	1E12-0051	18" PIPE TO ELBOW	UT, PT	NS	642-109
C5.51	1E12-0052	18" ELBOW TO PIPE	UT, PT	NS	642-109
C5.51	1E12-0053	18" PIPE TO ELBOW	UT, PT	NS	642-110
C5.51	1E12-0054	18" ELBOW TO PIPE	UT, PT	NS	642-110
C5.51	1E12-0055	18" PIPE TO VALVE F067	UT, PT	3	642-110
C5.51	1E12-0056	18" PIPE TO VALVE F068	UT, PT	3	642-110
C5.51	1E12-0057	24" X 18" REDUCING ELBOW TO 18" PIPE	UT, PT	NS	642-111
C5.51	1E12-0058	24" PIPE TO 24" X 18" REDUCING ELBOW	UT, PT	NS	642-111
C5.51	1E12-0059	24" X 24" X 24" TEE TO PIPE	UT, PT	NS	642-111
C5.51	1E12-0060	24" X 24" X 24" TEE TO PIPE	UT, PT	NS	642-111
C5.51	1E12-0061	24" PIPE TO ELBOW	UT, PT	NS	642-111
C5.51	1E12-0062	24" ELBOW TO PIPE	UT, PT	NS	642-111
C5.51	1E12-0063	24" PIPE TO ELBOW	UT, PT	NS	642-111
C5.51	1E12-0064	24" ELBOW TO PIPE	UT, PT	NS	642-111
C5.51	1E12-0064A	24" PIPE TO FLANGE	UT, PT	NS	642-111
C5.51	1E12-0064B	24" FLANGE TO PIPE	UT, PT	NS	642-111
C5.51	1E12-0064C	24" PIPE TO FLANGE	UT, PT	2	642-111
C5.51	1E12-0065	24" PIPE TO 24" X 24" X 24" TEE	UT, PT	NS	642-111
C5.51	1E12-0066	24" ELBOW TO PIPE	UT, PT	NS	642-112
C5.51	1E12-0067	24" PIPE TO ELBOW	UT, PT	NS	642-112
C5.51	1E12-0068	24" VALVE F105 TO PIPE	UT, PT	NS	642-112
C5.51	1E12-0069	24" PIPE BEND TO VALVE F105	UT, PT	NS	642-112
C5.51	1E12-0069A	24" PIPE TO PIPE BEND	UT, PT	NS	642-112
C5.51	1E12-0070	24" PEN. P403 TO PIPE BEND	UT, PT	NS	642-112
C5.51	1E12-0071	20" TEE TO PIPE	UT, PT	(2)	642-102
C5.51	1E12-0072	20" PIPE TO 20" X 18" REDUCING ELBOW	UT, PT	NS	642-102
C5.51	1E12-0073	20" X 18" REDUCING ELBOW TO 18" PIPE	UT, PT	NS	642-102
C5.51	1E12-0074	18" PIPE TO ELBOW	UT, PT	NS	642-113

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Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0075	18" ELBOW TO PIPE	UT, PT	NS	642-113
C5.51	1E12-0076	18" PIPE TO VALVE F006B	UT, PT	NS	642-113
C5.51	1E12-0077	18" PIPE TO VALVE F006B	UT, PT	NS	642-113
C5.51	1E12-0078	18" ELBOW TO PIPE	UT, PT	NS	642-113
C5.51	1E12-0079	18" PIPE TO ELBOW	UT, PT	NS	642-113
C5.51	1E12-0080	18" PIPE TO ELBOW	UT, PT	NS	642-113
C5.51	1E12-0081	18" PIPE TO ELBOW	UT, PT	NS	642-113
C5.51	1E12-0082	24" X 24" X 18" TEE TO 18" PIPE	UT, PT	2	642-114
C5.51	1E12-0083	24" X 24" X 18" TEE TO 24" PIPE	UT, PT	NS	642-114
C5.51	1E12-0084	24" PIPE TO ELBOW	UT, PT	NS	642-114
C5.51	1E12-0085	24" ELBOW TO PIPE	UT, PT	NS	642-114
C5.51	1E12-0086	24" PIPE TO FLANGE	UT, PT	3	642-114
C5.51	1E12-0087	24" PIPE TO 24" X 24" X 18" TEE	UT, PT	NS	642-114
C5.51	1E12-0088	24" ELBOW TO PIPE	UT, PT	NS	642-114
C5.51	1E12-0089	24" ELBOW TO ELBOW	UT, PT	NS	642-114
C5.51	1E12-0090	24" PIPE TO ELBOW	UT, PT	2	642-114
C5.51	1E12-0091	24" ELBOW TO PIPE	UT, PT	NS	642-114
C5.51	1E12-0092	24" PIPE TO ELBOW	UT, PT	NS	642-114
C5.51	1E12-0093	24" ELBOW TO PIPE	UT, PT	NS	642-116
C5.51	1E12-0094	24" PIPE TO ELBOW	UT, PT	NS	642-116
C5.51	1E12-0095	24" VALVE F004B TO PIPE	UT, PT	1	642-116
C5.51	1E12-0096	24" PIPE TO VALVE F004B	UT, PT	NS	642-116
C5.51	1E12-0096A	24" ELBOW TO PIPE	UT, PT	NS	642-116
C5.51	1E12-0096AA	24" PIPE TO PIPE	UT, PT	NS	642-116
C5.51	1E12-0097	24" PENETRATION P402 PROCESS PIPE TO ELBOW	UT, PT	NS	642-116
C5.51	1E12-0098	20" X 20" X 18" TEE TO PIPE	UT, PT	NS	642-102
C5.81	1E12-0099	24" PIPE TO 24" X 8" WELDOLET	PT	1	642-111
C5.81	1E12-0100	24" PIPE TO 24" X 8" WELDOLET	PT	NS	642-114
C5.51	1E12-0101	24" X 8" WELDOLET TO 8" PIPE CAP	UT, PT	NS	642-114
C5.51	1E12-0102	24" FLANGE TO PIPE	UT, PT	NS	642-114
C5.51	1E12-0102A	24" PIPE TO FLANGE	UT, PT	NS	642-114
C5.51	1E12-0102B	24" FLANGE TO PIPE	UT, PT	NS	642-114
C5.51	1E12-0103	24" PIPE TO FLANGE	UT, PT	NS	642-114
C5.81	1E12-0104	24" PIPE TO 24" X 10" WELDOLET	PT	NS	642-114
C5.81	1E12-0105	24" PIPE TO 24" X 8" WELDOLET	PT	NS	642-114

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0106	24" X 8" WELDOLET TO 8" PIPE CAP (<.375 NWT)	N/A	NS	641-101
C5.81	1E12-0107	24" PIPE TO 24" X 8" WELDOLET	PT	NS	641-101
C5.51	1E12-0108	24" PIPE TO FLANGE	UT, PT	NS	641-101
C5.51	1E12-0108A	24" FLANGE TO PIPE	UT, PT	3	641-101
C5.51	1E12-0108B	24" PIPE TO FLANGE	UT, PT	NS	641-101
C5.51	1E12-0109	24" FLANGE TO PIPE	UT, PT	NS	641-101
C5.81	1E12-0110	24" PIPE TO 24" X 8" WELDOLET	PT	NS	641-101
C5.81	1E12-0111	24" PIPE TO 10" WELDOLET	PT	(2)	641-101
C5.51	1E12-0112	18" FLANGE TO PIPE	UT, PT	1	641-102
C5.81	1E12-0113	18" PIPE TO 18" X 6" WELDOLET	PT	NS	641-102
C5.51	1E12-0114	18" X 6" WELDOLET TO 6" PIPE (<.375 NWT)	N/A	NS	641-102
C5.51	1E12-0115	18" PIPE TO FLANGED VALVE F031A	UT, PT	NS	641-102
C5.51	1E12-0116	18" FLANGED VALVE F031A TO PIPE	UT, PT	NS	641-102
C5.51	1E12-0117	18" PIPE TO VALVE F029A	UT, PT	NS	641-102
C5.51	1E12-0118	18" VALVE F029A TO PIPE	UT, PT	NS	641-102
C5.81	1E12-0119	18" PIPE TO 18" X 8" WELDOLET	PT	NS	641-102
C5.51	1E12-0120	18" PIPE TO ELBOW	UT, PT	NS	641-102
C5.51	1E12-0121	18" ELBOW TO PIPE	UT, PT	2	641-102
C5.51	1E12-0122	18" X 8" WELDOLET TO 8" PIPE (<.375 NWT)	N/A	NS	641-104
C5.81	1E12-0123	18" PIPE TO 18" X 8" WELDOLET	PT	(2)	641-104
C5.51	1E12-0124	18" PIPE TO 18" X 18" X 18" TEE	UT, PT	NS	641-109
C5.51	1E12-0125	18" TEE TO PIPE	UT, PT	NS	641-109
C5.51	1E12-0126	18" X 18" X 18" TEE TO PIPE	UT, PT	NS	641-109
C5.51	1E12-0127	18" PIPE TO ELBOW	UT, PT	NS	641-110
C5.51	1E12-0128	18" ELBOW TO PIPE	UT, PT	NS	641-110
C5.51	1E12-0129	18" PIPE TO VALVE F047A	UT, PT	NS	641-110
C5.51	1E12-0130	18" VALVE F047A TO PIPE	UT, PT	3	641-110
C5.51	1E12-0131	18" PIPE TO ELBOW	UT, PT	NS	641-110
C5.51	1E12-0132	18" ELBOW TO PIPE	UT, PT	NS	641-110
C5.51	1E12-0133	18" PIPE TO ELBOW	UT, PT	NS	641-110
C5.51	1E12-0134	18" ELBOW TO PIPE	UT, PT	NS	641-110
C5.51	1E12-0138	18" PIPE TO ELBOW	UT, PT	NS	641-110
C5.51	1E12-0139	18" ELBOW TO PIPE	UT, PT	NS	641-110
C5.51	1E12-0140	18" PIPE TO 18" X 18" X 10" TEE	UT, PT	NS	641-110
C5.51	1E12-0141	18" X 18" X 10" TEE TO 10" PIPE (<.375 NWT)	N/A	NS	641-110

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0142	18" X 18" X 10" TEE TO 18" PIPE	UT, PT	NS	641-110
C5.51	1E12-0143	18" PIPE TO 20" X 18" REDUCER	UT, PT	NS	641-111
C5.51	1E12-0144	20" X 18" REDUCER TO 20" PIPE	UT, PT	NS	641-111
C5.51	1E12-0145	20" PIPE TO INLET NOZZLE HEAT EXCHANGER B001A	UT, PT	2	641-111
C5.51	1E12-0146	20" HEAT EXCHANGER B001A OUTLET NOZZLE TO ELBOW	UT, PT	2	641-113
C5.81	1E12-0147	20" ELBOW TO 20" X 6" ELBOLET	PT	(1)	641-113
C5.51	1E12-0148	20" X 6" ELBOLET TO 6" PIPE (<.375 NWT)	N/A	NS	641-113
C5.51	1E12-0149	20" ELBOW TO PIPE	UT, PT	NS	641-113
C5.51	1E12-0150	20" PIPE TO 20" X 18" REDUCER	UT, PT	NS	641-118
C5.51	1E12-0151	20" X 18" REDUCER TO 18" PIPE	UT, PT	3	641-118
C5.51	1E12-0152	18" PIPE TO ELBOW	UT, PT	NS	641-118
C5.51	1E12-0153	18" ELBOW TO PIPE	UT, PT	NS	641-118
C5.51	1E12-0154	18" PIPE TO ELBOW	UT, PT	NS	641-118
C5.51	1E12-0155	18" ELBOW TO PIPE	UT, PT	NS	641-118
C5.51	1E12-0156	18" PIPE TO ELBOW	UT, PT	NS	641-118
C5.51	1E12-0157	18" ELBOW TO PIPE	UT, PT	NS	641-118
C5.51	1E12-0158	18" PIPE TO 20" X 18" REDUCING ELBOW	UT, PT	NS	641-118
C5.51	1E12-0159	20" X 18" REDUCING ELBOW TO PIPE	UT, PT	NS	641-118
C5.51	1E12-0160	20" PIPE TO HEAT EXCHANGER B001C INLET NOZZLE	UT, PT	3	641-118
C5.51	1E12-0161	18" FLANGE TO PIPE	UT, PT	1	643-101
C5.81	1E12-0162	18" PIPE TO 18" X 6" WELDOLET	PT	NS	643-101
C5.51	1E12-0163	18" X 6" WELDOLET TO 6" PIPE (<.375 NWT)	N/A	NS	643-107
C5.51	1E12-0164	18" PIPE TO FLANGED VALVE F031B	UT, PT	NS	643-101
C5.51	1E12-0165	18" FLANGED VALVE F031B TO PIPE	UT, PT	NS	643-101
C5.51	1E12-0166	18" PIPE TO VALVE F029B	UT, PT	NS	643-101
C5.51	1E12-0167	18" VALVE F029B TO PIPE	UT, PT	NS	643-101
C5.81	1E12-0168	18" PIPE TO 18" X 8" WELDOLET	PT	(2)	643-101
C5.51	1E12-0169	18" PIPE TO ELBOW	UT, PT	NS	643-101
C5.51	1E12-0170	18" ELBOW TO PIPE	UT, PT	NS	643-101
C5.51	1E12-0171	18" PIPE TO 18" X 18" X 18" TEE	UT, PT	NS	643-104
C5.51	1E12-0172	18" TEE TO PIPE	UT, PT	NS	643-104
C5.51	1E12-0173	18" PIPE TO ELBOW	UT, PT	NS	643-102
C5.51	1E12-0174	18" ELBOW TO PIPE	UT, PT	NS	643-102
C5.51	1E12-0175	18" PIPE TO VALVE F047B	UT, PT	NS	643-102
C5.51	1E12-0176	18" VALVE F047B TO PIPE	UT, PT	NS	643-102

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0177	18" PIPE TO ELBOW	UT, PT	1	643-102
C5.51	1E12-0178	18" ELBOW TO PIPE	UT, PT	NS	643-102
C5.51	1E12-0179	18" PIPE TO ELBOW	UT, PT	NS	643-102
C5.51	1E12-0180	18" ELBOW TO PIPE	UT, PT	NS	643-102
C5.51	1E12-0184	18" PIPE TO ELBOW	UT, PT	NS	643-102
C5.51	1E12-0185	18" ELBOW TO PIPE	UT, PT	NS	643-102
C5.51	1E12-0186	18" PIPE TO 18" X 18" X 10" TEE	UT, PT	NS	643-102
C5.51	1E12-0187	18" X 18" X 10" TEE TO 10" PIPE (<.375 NWT)	N/A	NS	643-102
C5.51	1E12-0188	18" X 18" X 10" TEE TO 18" PIPE	UT, PT	NS	643-102
C5.51	1E12-0189	18" PIPE TO 18" X 20" REDUCER	UT, PT	NS	643-103
C5.51	1E12-0190	18" X 20" REDUCER TO 20" PIPE	UT, PT	NS	643-103
C5.51	1E12-0191	20" PIPE TO HEAT EXCHANGER B001B INLET NOZZLE	UT, PT	NS	643-103
C5.51	1E12-0192	20" HEAT EXCHANGER B0001C OUTLET NOZZLE TO ELBOW	UT, PT	2	643-106
C5.81	1E12-0193	20" ELBOW TO 20" X 6" ELBOLET	PT	NS	643-106
C5.51	1E12-0194	20" ELBOW TO PIPE	UT, PT	NS	643-106
C5.51	1E12-0195	20" PIPE TO 20" X 18" REDUCER	UT, PT	NS	643-113
C5.51	1E12-0196	20" X 18" REDUCER TO PIPE	UT, PT	NS	643-113
C5.51	1E12-0197	18" PIPE TO ELBOW	UT, PT	NS	643-113
C5.51	1E12-0198	18" ELBOW TO PIPE	UT, PT	NS	643-113
C5.51	1E12-0199	18" PIPE TO ELBOW	UT, PT	NS	643-113
C5.51	1E12-0200	18" ELBOW TO PIPE	UT, PT	NS	643-113
C5.51	1E12-0201	18" PIPE TO ELBOW	UT, PT	NS	643-113
C5.51	1E12-0202	18" ELBOW TO PIPE	UT, PT	NS	643-113
C5.51	1E12-0203	18" PIPE TO 20" X 18" REDUCING ELBOW	UT, PT	NS	643-113
C5.51	1E12-0204	20" X 18" REDUCING ELBOW TO 20" PIPE	UT, PT	NS	643-113
C5.51	1E12-0205	20" PIPE TO HEAT EXCHANGER B001D INLET NOZZLE	UT, PT	3	643-113
C5.51	1E12-0206	18" FLANGE TO PIPE	UT, PT	2	643-115
C5.81	1E12-0207	18" PIPE TO 18" X 6" WELDOLET	PT	NS	643-115
C5.51	1E12-0208	18" PIPE TO FLANGED VALVE F031C	UT, PT	NS	643-115
C5.51	1E12-0209	18" FLANGED VALVE F031C TO PIPE	UT, PT	NS	643-115
C5.51	1E12-0210	18" PIPE TO ELBOW	UT, PT	NS	643-115
C5.51	1E12-0211	18" ELBOW TO PIPE	UT, PT	NS	643-115
C5.81	1E12-0212	18" PIPE TO 18" X 8" WELDOLET	PT	NS	643-115
C5.51	1E12-0213	18" PIPE TO ELBOW	UT, PT	NS	643-115
C5.51	1E12-0214	18" ELBOW TO PIPE	UT, PT	NS	643-115

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0215	18" PIPE TO VALVE F029C	UT, PT	3	643-117
C5.51	1E12-0216	18" VALVE F029C TO PIPE	UT, PT	NS	643-117
C5.51	1E12-0217	18" PIPE TO ELBOW	UT, PT	2	643-117
C5.51	1E12-0218	18" ELBOW TO PIPE	UT, PT	NS	643-117
C5.51	1E12-0218A	18" PIPE TO FLANGE FE N014C	UT, PT	NS	643-117
C5.51	1E12-0218B	18" FLANGE FE N014C TO PIPE	UT, PT	NS	643-117
C5.51	1E12-0219	18" PIPE TO ELBOW	UT, PT	NS	643-117
C5.51	1E12-0220	18" ELBOW TO PIPE	UT, PT	NS	643-117
C5.51	1E12-0221	18" PIPE TO ELBOW	UT, PT	NS	643-118
C5.51	1E12-0222	18" ELBOW TO PIPE	UT, PT	1	643-118
C5.51	1E12-0223	18" PIPE TO ELBOW	UT, PT	NS	643-118
C5.51	1E12-0224	18" ELBOW TO PIPE	UT, PT	NS	643-118
C5.51	1E12-0225	18" X 8" WELDOLET TO 8" PIPE (<.375 NWT)	N/A	NS	643-115
C5.51	1E12-0226	18" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-115
C5.51	1E12-0227	18" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-115
C5.51	1E12-0228	18" PIPE TO VALVE F072C (<.375 NWT)	N/A	NS	643-115
C5.51	1E12-0229	24" X 8" WELDOLET TO 8" PIPE (<.375 NWT)	N/A	NS	642-111
C5.51	1E12-0230	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-111
C5.51	1E12-0231	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-111
C5.51	1E12-0232	8" PIPE TO VALVE F071C (<.375 NWT)	N/A	NS	642-111
C5.51	1E12-0233	24" X 8" WELDOLET TO 8" PIPE (<.375 NWT)	N/A	NS	642-114
C5.51	1E12-0234	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-114
C5.51	1E12-0235	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-114
C5.51	1E12-0236	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-114
C5.51	1E12-0237	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-114
C5.51	1E12-0238	8" PIPE TO VALVE F071B (<.375 NWT)	N/A	NS	642-114
C5.51	1E12-0239	8" PIPE TO VALVE F072B (<.375 NWT)	N/A	NS	643-101
C5.51	1E12-0240	8" X 8" X 8" TEE TO PIPE (<.375 NWT)	N/A	NS	643-101
C5.51	1E12-0241	8" PIPE TO 8" X 8" X 8" TEE (<.375 NWT)	N/A	NS	643-101
C5.51	1E12-0242	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-101
C5.51	1E12-0243	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-101
C5.51	1E12-0244	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-101
C5.51	1E12-0245	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-101
C5.51	1E12-0246	18" X 8" WELDOLET TO 8" PIPE (<.375 NWT)	N/A	NS	643-101
C5.51	1E12-0247	8" TEE TO PIPE (<.375 NWT)	N/A	NS	643-101

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: C-1-2					
C5.51	1E12-0248	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-108
C5.51	1E12-0249	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-108
C5.51	1E12-0250	8" PIPE TO VALVE F504 (<.375 NWT)	N/A	NS	643-108
C5.51	1E12-0251	8" VALVE F504 TO PIPE (<.375 NWT)	N/A	NS	641-114
C5.51	1E12-0252	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-114
C5.51	1E12-0253	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-114
C5.51	1E12-0254	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-114
C5.51	1E12-0255	8" PIPE TO VALVE E12-F040 (<.375 NWT)	N/A	NS	641-115
C5.51	1E12-0256	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-115
C5.51	1E12-0257	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-115
C5.51	1E12-0258	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-114
C5.51	1E12-0259	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-114
C5.51	1E12-0260	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-114
C5.51	1E12-0261	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-114
C5.51	1E12-0262	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-114
C5.51	1E12-0263	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-114
C5.51	1E12-0264	8" TEE TO PIPE (<.375 NWT)	N/A	NS	641-114
C5.51	1E12-0265	8" PIPE TO TEE (<.375 NWT)	N/A	NS	641-114
C5.51	1E12-0266	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-114
C5.51	1E12-0267	8" PIPE TO TEE (<.375 NWT)	N/A	NS	641-114
C5.51	1E12-0268	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-114
C5.51	1E12-0269	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-116
C5.51	1E12-0270	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-116
C5.51	1E12-0271	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-116
C5.51	1E12-0272	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-116
C5.51	1E12-0273	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-116
C5.51	1E12-0274	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-116
C5.51	1E12-0275	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-116
C5.51	1E12-0276	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-116
C5.51	1E12-0277	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-116
C5.51	1E12-0278	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-117
C5.51	1E12-0279	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-117
C5.51	1E12-0280	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-117
C5.51	1E12-0281	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-117
C5.51	1E12-0282	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-117

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0283	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-117
C5.51	1E12-0284	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-117
C5.51	1E12-0285	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-117
C5.51	1E12-0286	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-108
C5.51	1E12-0287	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-108
C5.51	1E12-0288	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-108
C5.51	1E12-0289	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-108
C5.51	1E12-0290	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-108
C5.51	1E12-0291	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-108
C5.51	1E12-0292	8" VALVE F049 TO PIPE (<.375 NWT)	N/A	NS	641-108
C5.51	1E12-0293	8" PIPE TO VALVE F049 (<.375 NWT)	N/A	NS	641-104
C5.51	1E12-0294	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-104
C5.51	1E12-0295	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-104
C5.51	1E12-0296	18" X 8" WELDOLET TO 8" PIPE (<.375 NWT)	N/A	NS	641-102
C5.51	1E12-0297	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-102
C5.51	1E12-0298	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-102
C5.51	1E12-0298A	8" PIPE TO PIPE (<.375 NWT)	N/A	NS	641-102
C5.51	1E12-0299	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-102
C5.51	1E12-0300	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-102
C5.51	1E12-0301	8" PIPE TO VALVE F072A (<.375 NWT)	N/A	NS	641-102
C5.51	1E12-0302	8" PIPE TO VALVE F071A (<.375 NWT)	N/A	NS	641-101
C5.51	1E12-0303	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-101
C5.51	1E12-0304	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-101
C5.51	1E12-0305	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-101
C5.51	1E12-0306	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-101
C5.51	1E12-0307	24" X 8" WELDOLET TO 8" PIPE	N/A	NS	641-101
C5.51	1E12-0308	20" HEAT EXCHANGER B001C OUTLET NOZZLE TO PIPE	UT, PT	2	641-119
C5.81	1E12-0309	20" PIPE TO 20" X 6" WELDOLET	PT	NS	641-119
C5.51	1E12-0310	20" PIPE TO 20" X 18" REDUCING ELBOW	UT, PT	NS	641-119
C5.51	1E12-0311	20" X 18" REDUCING ELBOW TO 18" PIPE	UT, PT	NS	641-119
C5.51	1E12-0312	18" PIPE TO VALVE F003A	UT, PT	NS	641-119
C5.51	1E12-0313	18" VALVE F003A TO PIPE	UT, PT	NS	641-119
C5.51	1E12-0314	18" PIPE TO ELBOW	UT, PT	NS	641-119
C5.51	1E12-0315	18" ELBOW TO PIPE	UT, PT	NS	641-119
C5.51	1E12-0316	18" PIPE TO 18" X 18" X 18" TEE	UT, PT	NS	641-106

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0317	18" TEE TO PIPE	UT, PT	NS	641-106
C5.51	1E12-0318	18" PIPE TO ELBOW	UT, PT	NS	641-106
C5.51	1E12-0319	18" ELBOW TO PIPE	UT, PT	NS	641-106
C5.51	1E12-0319A	18" PIPE TO FLANGE FE N014A	UT, PT	NS	641-106
C5.51	1E12-0320	18" TEE TO PIPE	UT, PT	NS	641-106
C5.51	1E12-0320A	18" PIPE TO FLANGE	UT, PT	NS	641-106
C5.51	1E12-0321	18" TEE TO PIPE	UT, PT	NS	641-106
C5.51	1E12-0322	18" PIPE TO 18" X 12" REDUCER	UT, PT	NS	641-106
C5.51	1E12-0323	18" X 12" REDUCER TO 12" PIPE	UT, PT	NS	641-106
C5.51	1E12-0324	12" PIPE TO ELBOW	UT, PT	NS	641-106
C5.51	1E12-0325	12" ELBOW TO PIPE	UT, PT	NS	641-106
C5.51	1E12-0326	12" PIPE TO ELBOW	UT, PT	NS	641-106
C5.51	1E12-0327	12" ELBOW TO PIPE	UT, PT	NS	641-106
C5.51	1E12-0328	12" PIPE TO ELBOW	UT, PT	NS	641-106
C5.51	1E12-0329	12" ELBOW TO PIPE	UT, PT	NS	641-106
C5.51	1E12-0330	12" PIPE TO ELBOW	UT, PT	3	642-119
C5.51	1E12-0331	12" ELBOW TO PIPE	UT, PT	NS	642-119
C5.51	1E12-0332	12" PIPE TO VALVE F053A	UT, PT	NS	642-119
C5.51	1E12-0333	12" VALVE F053A TO PIPE	UT, PT	2	642-119
C5.51	1E12-0334	18" PIPE TO ELBOW	UT, PT	NS	642-119
C5.51	1E12-0335	12" ELBOW TO PIPE	UT, PT	NS	642-119
C5.51	1E12-0336	12" PIPE TO VALVE F050A	UT, PT	3	642-120
C5.51	1E12-0337	12" VALVE F050A TO PIPE	UT, PT	1	642-120
C5.51	1E12-0338	12" PIPE TO 12" X 14" REDUCING SLEEVE	UT, PT	1	642-120
C5.81	1E12-0339	12" PIPE TO 12" X 6" SWEEPolet RWCU INTERTIE	PT	(1)	642-120
C5.81	1E12-0341	12" PIPE TO 12" X 8" SWEEPolet	PT	NS	642-119
C5.51	1E12-0342	12" X 8" SWEEPolet TO 8" PIPE (<.375 NWT)	N/A	NS	642-119
C5.51	1E12-0343	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-119
C5.51	1E12-0344	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-119
C5.51	1E12-0345	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-119
C5.51	1E12-0346	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-119
C5.51	1E12-0346A	8" PIPE TO PIPE (<.375 NWT)	N/A	NS	642-119
C5.51	1E12-0347	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-119
C5.51	1E12-0348	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-119
C5.51	1E12-0349	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-119

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0350	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-119
C5.51	1E12-0351	8" PIPE TO FLANGE VALVE F063A (<.375 NWT)	N/A	NS	642-119
C5.51	1E12-0352	18" PIPE TO 18" X 18" TEE	UT, PT	NS	641-106
C5.51	1E12-0353	18" X 18" X 18" TEE TO 18" PIPE	UT, PT	NS	641-106
C5.51	1E12-0354	18" TEE TO PIPE	UT, PT	(2)	641-106
C5.51	1E12-0355	18" PIPE TO FLANGE RO-D004A	UT, PT	NS	641-106
C5.51	1E12-0356	18" FLANGE RO-D004A TO PIPE	UT, PT	NS	642-130
C5.51	1E12-0357	18" PIPE TO ELBOW	UT, PT	NS	642-130
C5.51	1E12-0358	18" ELBOW TO PIPE	UT, PT	NS	642-130
C5.51	1E12-0359	18" PIPE TO ELBOW	UT, PT	NS	642-130
C5.51	1E12-0360	18" ELBOW TO PIPE	UT, PT	NS	642-130
C5.81	1E12-0361	18" PIPE TO 18" X 6" WELDOLET	PT	NS	642-130
C5.51	1E12-0362	18" X 6" WELDOLET TO 6" PIPE (<.375 NWT)	N/A	NS	642-123
C5.51	1E12-0363	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-123
C5.51	1E12-0364	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-123
C5.51	1E12-0365	6" PIPE TO FLANGE FE-N012 (<.375 NWT)	N/A	NS	642-123
C5.51	1E12-0366	6" FLANGE FE-N012 TO PIPE (<.375 NWT)	N/A	NS	642-123
C5.51	1E12-0367	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-123
C5.51	1E12-0368	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-123
C5.51	1E12-0369	6" PIPE TO 6" X 6" X 6" TEE (<.375 NWT)	N/A	NS	642-122
C5.51	1E12-0370	6" X 6" X 6" TEE TO PIPE (<.375 NWT)	N/A	NS	642-122
C5.51	1E12-0371	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-122
C5.51	1E12-0372	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-122
C5.51	1E12-0373	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-122
C5.51	1E12-0374	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-122
C5.51	1E12-0375	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-122
C5.51	1E12-0376	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-122
C5.51	1E12-0377	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-122
C5.51	1E12-0378	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-122
C5.51	1E12-0379	6" PIPE TO FLANGED VALVE F086	N/A	NS	642-122
C5.51	1E12-0380	18" PIPE TO 18" X 12" REDUCING ELBOW	UT, PT	2	642-129
C5.51	1E12-0381	18" X 12" REDUCING ELBOW TO 12" PIPE	UT, PT	NS	642-129
C5.51	1E12-0382	12" PIPE TO VALVE F027A	UT, PT	NS	642-129
C5.51	1E12-0383	12" VALVE F027A TO PIPE	UT, PT	NS	642-129
C5.51	1E12-0384	12" PIPE TO ELBOW	UT, PT	NS	642-129

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Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0385	12" ELBOW TO PIPE	UT, PT	NS	642-129
C5.51	1E12-0386	12" PIPE TO ELBOW	UT, PT	NS	642-129
C5.51	1E12-0387	12" ELBOW TO PIPE	UT, PT	NS	642-129
C5.51	1E12-0388	12" PIPE TO PENETRATION P113 PROCESS PIPE	UT, PT	2	642-129
C5.51	1E12-0389	12" PENETRATION P113 PROCESS PIPE TO PIPE	UT, PT	3	642-126
C5.51	1E12-0389A	12" PIPE TO PIPE	UT, PT	NS	642-126
C5.51	1E12-0390	12" PIPE TO 12" X 12" X 12" TEE	UT, PT	1	642-126
C5.51	1E12-0391	12" X 12" X 12" TEE TO PIPE	UT, PT	NS	642-126
C5.51	1E12-0393A	12" PIPE TO ELBOW	UT, PT	NS	642-126
C5.51	1E12-0394	12" ELBOW TO PIPE	UT, PT	NS	642-126
C5.51	1E12-0395	12" PIPE TO ELBOW	UT, PT	NS	642-126
C5.51	1E12-0396	12" ELBOW TO PIPE	UT, PT	NS	642-126
C5.51	1E12-0397	12" PIPE TO VALVE F042A	UT, PT	NS	642-126
C5.51	1E12-0413	12" X 12" X 12" TEE TO 12" PIPE	UT, PT	NS	642-126
C5.51	1E12-0413A	12" PIPE TO ELBOW	UT, PT	NS	642-126
C5.51	1E12-0414	12" ELBOW TO PIPE	UT, PT	NS	642-126
C5.51	1E12-0415	12" PIPE TO ELBOW	UT, PT	NS	642-126
C5.51	1E12-0416	12" ELBOW TO PIPE	UT, PT	NS	642-126
C5.51	1E12-0417	12" PIPE TO 12" X 12" X 12" TEE	UT, PT	1	642-127
C5.51	1E12-0418	12" X 12" X 12" TEE TO 12" PIPE	UT, PT	NS	642-127
C5.51	1E12-0419	12" PIPE TO ELBOW	UT, PT	NS	642-128
C5.51	1E12-0420	12" ELBOW TO PIPE	UT, PT	NS	642-128
C5.51	1E12-0421	12" PIPE TO VALVE F037A	UT, PT	NS	642-128
C5.51	1E12-0422	12" TEE TO PIPE	UT, PT	NS	642-127
C5.51	1E12-0423	12" PIPE TO VALVE F028A	UT, PT	NS	642-127
C5.51	1E12-0435	6" TEE TO PIPE (<.375 NWT)	N/A	NS	642-122
C5.51	1E12-0436	6" PIPE TO VALVE F023 (<.375 NWT)	N/A	NS	642-122
C5.81	1E12-0443	18" PIPE TO 18" X 10" WELDOLET	PT	NS	641-106
C5.51	1E12-0444	18" X 10" WELDOLET TO 10" PIPE (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-0445	10" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-106
C5.51	1E12-0446	10" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-106
C5.51	1E12-0447	10" PIPE TO PIPE (<.375 NWT)	N/A	NS	641-107
C5.51	1E12-0449	10" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-107
C5.51	1E12-0450	10" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-107

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SC-305-
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0451	10" PIPE TO VALVE F099A (<.375 NWT)	N/A	NS	641-107
C5.51	1E12-0452	10" TEE TO PIPE (<.375 NWT)	N/A	NS	641-107
C5.51	1E12-0453	10" PIPE TO VALVE F552A (<.375 NWT)	N/A	NS	641-107
C5.51	1E12-0454	18" PIPE TO 18" X 18" X 18" TEE	UT, PT	NS	641-106
C5.51	1E12-0454A	18" PIPE TO 18" FLANGE	UT, PT	NS	641-106
C5.51	1E12-0454B	18" FLANGE TO 18" PIPE	UT, PT	NS	641-106
C5.51	1E12-0455	18" ELBOW TO PIPE	UT, PT	3	641-105
C5.51	1E12-0456	18" PIPE TO ELBOW	UT, PT	NS	641-105
C5.51	1E12-0457	18" VALVE F024A TO PIPE	UT, PT	NS	641-105
C5.51	1E12-0458	18" PIPE TO VALVE F024A	UT, PT	2	641-105
C5.51	1E12-0458A	18" PIPE TO PIPE	UT, PT	NS	641-105
C5.51	1E12-0459	18" PIPE TO PENETRATION P105	UT, PT	2	641-105
C5.51	1E12-0459A	18" PIPE TO PIPE	UT, PT	NS	641-105
C5.51	1E12-0460	18" PENETRATION P105 TO PIPE	UT, PT	NS	642-121
C5.51	1E12-0461	18" PIPE TO ELBOW	UT, PT	NS	642-121
C5.51	1E12-0462	18" ELBOW TO FLANGE RO-D003A	UT, PT	NS	642-121
C5.51	1E12-0463	18" FLANGE RO-D003A TO 18" X 10" REDUCER	UT, PT	NS	642-121
C5.52	1E12-0463-D	18" X 12" REDUCER SEAM	UT, PT	NS	642-121
C5.51	1E12-0464	18" X 10" REDUCER TO 10" PIPE (<.375 NWT)	N/A	NS	642-121
C5.52	1E12-0464-D	18" PIPE SEAM (<.375 NWT)	N/A	NS	642-121
C5.52	1E12-0464-U	18" REDUCER SEAM (<.375 NWT)	N/A	NS	642-121
C5.51	1E12-0465	10" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-121
C5.51	1E12-0466	10" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-121
C5.81	1E12-0467	18" X 12" WELDOLET TO 18" PIPE	PT	NS	641-105
C5.51	1E12-0468	12" X 12" X 12" TEE TO 18" X 12" WELDOLET	UT, PT	NS	641-105
C5.51	1E12-0469	12" X 12" X 12" TEE TO PIPE	UT, PT	NS	641-105
C5.51	1E12-0470	12" PIPE TO 12" X 12" X 6" TEE	UT, PT	1	641-105
C5.51	1E12-0471	12" X 12" X 6" TEE TO 12" FLANGE LPCS INTERTIE	UT, PT	NS	641-105
C5.51	1E12-0472	12" X 12" X 6" TEE TO 6" ELBOW (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-0473	6" ELBOW TO 6" X 4" REDUCER (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-0494	12" X 6" REDUCER TO 12" X 12" X 12" TEE (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-0495	6" ELBOW TO 12" X 6" REDUCER (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-0496	6" VALVE F018A TO ELBOW (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-0497	6" PIPE TO VALVE F018A (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-0498	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-105

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0499	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-0500	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0501	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0502	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0503	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0504	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0505	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0506	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0507	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0508	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0509	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0509A	6" FLANGE TO PIPE (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0510	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0510A	6" PIPE TO FLANGE (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0511	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0513	6" FLANGE VALVE F046A TO PIPE (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0514	6" PIPE TO FLANGED VALVE F046A (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0515	6" FLANGE RO-D001A TO PIPE (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0516	6" PIPE TO FLANGE RO-D001A (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0517	6" VALVE F064A TO PIPE (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0518	6" PIPE TO VALVE F064A (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0519	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0520	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-103
C5.51	1E12-0521	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-102
C5.51	1E12-0522	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-102
C5.51	1E12-0523	20" X 6" WELDOLET TO 6" PIPE (<.375 NWT)	N/A	NS	641-119
C5.51	1E12-0526	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-119
C5.51	1E12-0527	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-119
C5.51	1E12-0528	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-119
C5.51	1E12-0529	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-119
C5.51	1E12-0530	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-119
C5.51	1E12-0531	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-119
C5.51	1E12-0532	6" PIPE TO VALVE F502C (<.375 NWT)	N/A	NS	641-119
C5.51	1E12-0539	6" PIPE TO VALVE F502A (<.375 NWT)	N/A	NS	641-113
C5.51	1E12-0540	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-113

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Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0541	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-113
C5.51	1E12-0542	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-113
C5.51	1E12-0543	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-113
C5.51	1E12-0544	18" TEE TO PIPE	UT, PT	NS	641-106
C5.51	1E12-0545	18" PIPE TO ELBOW	UT, PT	NS	641-106
C5.51	1E12-0547	18" ELBOW TO VALVE F048A	UT, PT	NS	641-106
C5.51	1E12-0548	18" PIPE TO VALVE F048A	UT, PT	NS	641-109
C5.51	1E12-0549	18" ELBOW TO PIPE	UT, PT	NS	641-109
C5.51	1E12-0550	18" PIPE TO ELBOW	UT, PT	NS	641-109
C5.51	1E12-0551	20" HEAT EXCHANGER B001D OUTLET NOZZLE TO PIPE	UT, PT	NS	643-114
C5.51	1E12-0552	20" PIPE TO 20" X 18" REDUCING ELBOW	UT, PT	NS	643-114
C5.51	1E12-0553	20" X 18" REDUCING ELBOW TO 18" PIPE	UT, PT	NS	643-114
C5.51	1E12-0554	18" PIPE TO VALVE F003B	UT, PT	NS	643-114
C5.51	1E12-0555	18" VALVE F003B TO PIPE	UT, PT	NS	643-114
C5.51	1E12-0556	18" PIPE TO ELBOW	UT, PT	NS	643-114
C5.51	1E12-0557	18" ELBOW TO PIPE	UT, PT	NS	643-114
C5.51	1E12-0558	18" PIPE TO 18" X 18" X 18" TEE	UT, PT	NS	643-105
C5.51	1E12-0559	18" TEE TO PIPE	UT, PT	NS	643-105
C5.51	1E12-0559A	18" PIPE TO ELBOW	UT, PT	NS	643-105
C5.51	1E12-0559B	18" ELBOW TO PIPE	UT, PT	NS	643-105
C5.51	1E12-0559C	18" PIPE TO PIPE	UT, PT	NS	643-105
C5.51	1E12-0559D	18" PIPE TO VALVE P45-F575	UT, PT	1	643-105
C5.51	1E12-0560	18" X 18" X 18" TEE TO PIPE	UT, PT	NS	643-105
C5.51	1E12-0561	18" PIPE TO 18" X 18" X 18" TEE	UT, PT	NS	643-105
C5.51	1E12-0562	18" X 18" X 18" TEE TO PIPE	UT, PT	NS	643-105
C5.51	1E12-0563	18" PIPE TO ELBOW	UT, PT	NS	643-105
C5.51	1E12-0564	18" ELBOW TO PIPE	UT, PT	NS	643-105
C5.51	1E12-0565	18" PIPE TO FLANGE FE-N014B	UT, PT	NS	643-105
C5.51	1E12-0566	18" PIPE TO FLANGE FE-N014B	UT, PT	NS	643-110
C5.51	1E12-0567	18" TEE TO PIPE	UT, PT	NS	643-110
C5.51	1E12-0568	18" X 18" X 18" TEE TO PIPE	UT, PT	NS	643-110
C5.51	1E12-0569	18" PIPE TO 18" X 12" REDUCER	UT, PT	NS	643-110
C5.51	1E12-0570	18" X 12" REDUCER TO 12" PIPE	UT, PT	NS	643-110
C5.51	1E12-0570A	12" PIPE TO PIPE	UT, PT	NS	643-110
C5.51	1E12-0571	12" PIPE TO ELBOW	UT, PT	NS	643-110

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0572	12" ELBOW TO PIPE	UT, PT	NS	643-110
C5.51	1E12-0573	12" PIPE TO ELBOW	UT, PT	NS	643-110
C5.51	1E12-0574	12" ELBOW TO PIPE	UT, PT	NS	643-110
C5.51	1E12-0575	12" PIPE TO ELBOW	UT, PT	NS	643-110
C5.51	1E12-0576	12" ELBOW TO PIPE	UT, PT	NS	643-110
C5.51	1E12-0577	12" PIPE TO ELBOW	UT, PT	NS	642-132
C5.51	1E12-0578	12" ELBOW TO PIPE	UT, PT	NS	642-132
C5.51	1E12-0578A	12" PIPE TO PIPE	UT, PT	NS	642-132
C5.51	1E12-0579	12" PIPE TO VALVE F053B	UT, PT	2	642-132
C5.51	1E12-0580	12" VALVE F053B TO PIPE	UT, PT	NS	642-132
C5.51	1E12-0581	12" PIPE TO ELBOW	UT, PT	NS	642-132
C5.51	1E12-0582	12" ELBOW TO PIPE	UT, PT	NS	642-132
C5.51	1E12-0583	12" PIPE TO VALVE F050B	UT, PT	NS	642-131
C5.51	1E12-0584	12" VALVE F050B TO PIPE	UT, PT	NS	642-131
C5.81	1E12-0585	12" PIPE TO 12" X 6" SWEEPOLET	PT	2	642-131
C5.51	1E12-0586	12" PIPE TO 12" X 14" REDUCING SLEEVE	UT, PT	1	642-131
C5.81	1E12-0588	12" PIPE TO 12" X 8" SWEEPOLET	PT	NS	642-132
C5.51	1E12-0589	12" X 8" SWEEPOLET TO 8" PIPE (<.375 NWT)	N/A	NS	642-132
C5.51	1E12-0590	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-132
C5.51	1E12-0591	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-132
C5.51	1E12-0592	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-132
C5.51	1E12-0593	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-132
C5.51	1E12-0594	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-132
C5.51	1E12-0595	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-132
C5.51	1E12-0596	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-132
C5.51	1E12-0597	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-132
C5.51	1E12-0598	8" PIPE TO VALVE F063B (<.375 NWT)	N/A	NS	642-132
C5.51	1E12-0601	8" PIPE TO VALVE F063C (<.375 NWT)	N/A	NS	642-134
C5.51	1E12-0602	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-134
C5.51	1E12-0603	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-134
C5.51	1E12-0604	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-134
C5.51	1E12-0605	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-134
C5.51	1E12-0606	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-134
C5.51	1E12-0607	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-134
C5.51	1E12-0608	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-134

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0609	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-134
C5.51	1E12-0610	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-134
C5.51	1E12-0611	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-134
C5.51	1E12-0612	12" X 8" WELDOLET TO 8" PIPE (<.375 NWT)	N/A	NS	642-134
C5.51	1E12-0613	18" PIPE TO 18" X 18" X 18" TEE	UT, PT	NS	643-110
C5.81	1E12-0614	18" PIPE TO 18" X 10" WELDOLET	PT	NS	643-110
C5.51	1E12-0615	18" X 10" SWEEPolet TO 10" PIPE (<.375 NWT)	N/A	NS	643-110
C5.51	1E12-0616	10" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-110
C5.51	1E12-0617	10" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-112
C5.51	1E12-0619	10" PIPE TO 10" X 10" X 10" TEE (<.375 NWT)	N/A	NS	643-112
C5.51	1E12-0620	10" X 10" X 10" TEE TO PIPE (<.375 NWT)	N/A	NS	643-112
C5.51	1E12-0621	10" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-112
C5.51	1E12-0622	10" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-112
C5.51	1E12-0623	10" PIPE TO VALVE F099B (<.375 NWT)	N/A	NS	643-112
C5.51	1E12-0624	10" TEE TO PIPE (<.375 NWT)	N/A	NS	643-112
C5.51	1E12-0624A	10" PIPE TO PIPE (<.375 NWT)	N/A	NS	643-112
C5.51	1E12-0625	10" PIPE TO VALVE F552B (<.375 NWT)	N/A	NS	643-112
C5.51	1E12-0626	18" ELBOW TO PIPE	UT, PT	NS	643-109
C5.51	1E12-0626A	18" PIPE TO ELBOW	UT, PT	1	643-109
C5.51	1E12-0627	18" PIPE TO FLANGE RO-D004B	UT, PT	NS	643-109
C5.51	1E12-0627A	18" X 18" X 18" TEE TO PIPE	UT, PT	NS	643-109
C5.51	1E12-0628	18" X 18" X 18" TEE TO PIPE	UT, PT	NS	643-109
C5.51	1E12-0629	18" PIPE TO 18" X 18" X 18" TEE	UT, PT	NS	643-109
C5.51	1E12-0630	18" ELBOW TO PIPE	UT, PT	NS	643-109
C5.51	1E12-0631	18" PIPE TO ELBOW	UT, PT	NS	643-109
C5.51	1E12-0631A	18" PIPE TO PIPE	UT, PT	NS	643-109
C5.51	1E12-0631B	18" PIPE TO FLANGE	UT, PT	NS	643-109
C5.51	1E12-0631C	18" FLANGE TO PIPE	UT, PT	NS	643-109
C5.51	1E12-0632	18" ELBOW TO PIPE	UT, PT	NS	643-109
C5.51	1E12-0633	18" PIPE TO ELBOW	UT, PT	NS	643-109
C5.51	1E12-0634	18" PIPE TO PIPE	UT, PT	NS	643-109
C5.51	1E12-0635	18" VALVE F024B TO PIPE	UT, PT	NS	643-109
C5.51	1E12-0636	18" PIPE TO VALVE F024B	UT, PT	NS	643-109
C5.51	1E12-0636A	18" PIPE TO PIPE	UT, PT	NS	643-109
C5.51	1E12-0637	18" ELBOW TO PIPE	UT, PT	NS	643-109

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0638	18" PIPE TO ELBOW	UT, PT	3	643-109
C5.51	1E12-0638A	18" PIPE TO PIPE	UT, PT	NS	643-109
C5.51	1E12-0639	18" PIPE TO PENETRATION P407 PROCESS PIPE	UT, PT	2	643-109
C5.51	1E12-0640	18" PENETRATION P407 PROCESS PIPE TO PIPE	UT, PT	NS	642-133
C5.51	1E12-0641	18" PIPE TO ELBOW	UT, PT	NS	642-133
C5.51	1E12-0642	18" ELBOW TO FLANGE RO-D003B	UT, PT	1	642-133
C5.51	1E12-0643	18" FLANGE RO-D003B TO 18" X 10" REDUCER	UT, PT	NS	642-133
C5.52	1E12-0643D	18" X 10" REDUCER SEAM, DOWNSTREAM	UT, PT	NS	642-133
C5.51	1E12-0644	18" X 10" REDUCER TO 10" PIPE (<.375 NWT)	N/A	NS	642-133
C5.52	1E12-0644-U	18" X 10" REDUCER SEAM, UPSTREAM (<.375 NWT)	N/A	NS	642-133
C5.52	1E12-0644-D	10" PIPE SEAM (<.375 NWT)	PT	NS	642-133
C5.51	1E12-0645	10" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-133
C5.51	1E12-0646	10" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-133
C5.81	1E12-0648	18" X 6" WELDOLET TO 18" PIPE	PT	3	643-109
C5.51	1E12-0649	6" PIPE TO 18" X 6" WELDOLET (<.375 NWT)	N/A	NS	643-109
C5.51	1E12-0650	6" X 6" X 6" TEE TO PIPE (<.375 NWT)	N/A	NS	643-109
C5.51	1E12-0651	6" TEE TO 6" PIPE (<.375 NWT)	N/A	NS	643-109
C5.51	1E12-0652	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-109
C5.51	1E12-0653	6" ELBOW TO 6" X 4" REDUCER (<.375 NWT)	N/A	NS	643-109
C5.51	1E12-0654	6" PIPE TO 6" X 6" X 6" TEE (<.375 NWT)	N/A	NS	643-109
C5.51	1E12-0655	6" VALVE F018B TO PIPE (<.375 NWT)	N/A	NS	643-109
C5.51	1E12-0656	6" PIPE TO VALVE F018B (<.375 NWT)	N/A	NS	643-109
C5.51	1E12-0657	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-109
C5.51	1E12-0658	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0659	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0660	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0661	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0662	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0663	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0664	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0665	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0666	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0667	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0668	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0668A	6" FLANGE TO PIPE (<.375 NWT)	N/A	NS	643-111

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0669	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0669A	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0669B	6" PIPE TO FLANGE (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0670	6" FLANGED VALVE F046B TO PIPE (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0671	6" PIPE TO FLANGED VALVE F046B (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0672	6" FLANGE RO-D001B TO PIPE (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0673	6" PIPE TO FLANGE RO-D001B (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0674	6" VALVE F064B TO PIPE (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0675	6" PIPE TO VALVE F064B (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0676	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0677	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-111
C5.51	1E12-0678	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-107
C5.51	1E12-0679	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-107
C5.51	1E12-0682	18" FLANGE RO-D004B TO PIPE	UT, PT	NS	643-109
C5.51	1E12-0683	18" PIPE TO 18" X 12" REDUCING ELBOW	UT, PT	NS	642-136
C5.51	1E12-0684	18" X 12" REDUCING ELBOW TO PIPE	UT, PT	NS	642-136
C5.51	1E12-0685	12" PIPE TO VALVE F027B	UT, PT	NS	642-136
C5.51	1E12-0686	12" VALVE F027B TO PIPE	UT, PT	NS	642-136
C5.51	1E12-0687	12" PIPE TO ELBOW	UT, PT	NS	642-136
C5.51	1E12-0688	12" ELBOW TO PIPE	UT, PT	NS	642-136
C5.51	1E12-0688A	12" PIPE TO PIPE	UT, PT	NS	642-136
C5.51	1E12-0689	12" PIPE TO PENETRATION P412 PROCESS PIPE	UT, PT	3	642-136
C5.51	1E12-0690	12" PENETRATION P412 PROCESS PIPE TO PIPE	UT, PT	2	642-137
C5.51	1E12-0691	12" PIPE TO 12" X 12" X 12" TEE	UT, PT	NS	642-137
C5.51	1E12-0692	12" X 12" X 12" TEE TO PIPE	UT, PT	NS	642-137
C5.51	1E12-0693	12" PIPE TO VALVE F042B	UT, PT	NS	642-137
C5.51	1E12-0721	12" TEE TO PIPE	UT, PT	NS	642-137
C5.51	1E12-0722	12" PIPE TO ELBOW	UT, PT	NS	642-137
C5.51	1E12-0723	12" ELBOW TO PIPE	UT, PT	NS	642-137
C5.51	1E12-0724	12" PIPE TO ELBOW	UT, PT	NS	642-137
C5.51	1E12-0725	12" ELBOW TO PIPE	UT, PT	NS	642-137
C5.51	1E12-0726	12" PIPE TO ELBOW	UT, PT	NS	642-137
C5.51	1E12-0727	12" ELBOW TO PIPE	UT, PT	NS	642-137
C5.51	1E12-0728	12" PIPE TO 12" X 12" X 12" TEE	UT, PT	NS	642-138
C5.51	1E12-0729	12" X 12" X 12" TEE TO ELBOW	UT, PT	NS	642-138

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0730	12" ELBOW TO PIPE	UT, PT	NS	642-138
C5.51	1E12-0731	12" TEE TO PIPE	UT, PT	NS	642-138
C5.51	1E12-0732	12" PIPE TO VALVE F037B	UT, PT	NS	642-138
C5.51	1E12-0734	12" PIPE TO VALVE F028B	UT, PT	NS	642-138
C5.51	1E12-0750	18" TEE TO PIPE	UT, PT	NS	643-105
C5.51	1E12-0751	18" PIPE TO ELBOW	UT, PT	NS	643-105
C5.51	1E12-0752	18" ELBOW TO VALVE F048B	UT, PT	NS	643-105
C5.51	1E12-0754	18" PIPE TO VALVE F048B	UT, PT	NS	643-104
C5.51	1E12-0755	18" ELBOW TO PIPE	UT, PT	NS	643-104
C5.51	1E12-0756	18" PIPE TO ELBOW	UT, PT	2	643-104
C5.51	1E12-0757	18" X 18" X 18" TEE TO PIPE	UT, PT	NS	643-104
C5.81	1E12-0758	20" PIPE TO 20" X 6" WELDOLET	PT	(2)	643-114
C5.51	1E12-0759	20" X 6" WELDOLET TO 6" PIPE (<.375 NWT)	N/A	NS	643-114
C5.51	1E12-0762	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-114
C5.51	1E12-0763	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-114
C5.51	1E12-0764	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-114
C5.51	1E12-0765	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-114
C5.51	1E12-0766	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-114
C5.51	1E12-0767	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-114
C5.51	1E12-0768	6" PIPE TO VALVE F502D (<.375 NWT)	N/A	NS	643-114
C5.51	1E12-0773	6" PIPE TO VALVE F502B (<.375 NWT)	N/A	NS	643-106
C5.51	1E12-0774	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-106
C5.51	1E12-0775	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-106
C5.51	1E12-0776	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-106
C5.51	1E12-0777	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-106
C5.51	1E12-0778	20" X 6" ELBOLET TO PIPE (<.375 NWT)	N/A	NS	643-106
C5.51	1E12-0780	8" PIPE TO FLANGED VALVE F020 (<.375 NWT)	N/A	NS	642-108
C5.51	1E12-0781	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-108
C5.51	1E12-0782	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-108
C5.51	1E12-0783	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-108
C5.51	1E12-0784	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-108
C5.51	1E12-0785	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-108
C5.51	1E12-0786	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-108
C5.51	1E12-0787	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-108
C5.51	1E12-0788	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-108

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0789	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-104
C5.51	1E12-0790	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-104
C5.51	1E12-0791	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-101
C5.51	1E12-0792	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-101
C5.51	1E12-0793	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-101
C5.51	1E12-0794	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-101
C5.51	1E12-0795	8" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-101
C5.51	1E12-0796	8" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-101
C5.51	1E12-0810	6" PIPE TO VALVE F018C (<.375 NWT)	N/A	NS	643-120
C5.51	1E12-0811	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-120
C5.51	1E12-0812	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-120
C5.51	1E12-0813	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-119
C5.51	1E12-0814	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-119
C5.51	1E12-0815	6" PIPE TO PIPE (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0816	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0817	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0818	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0819	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0820	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0821	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0822	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0823	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0823A	6" FLANGE TO PIPE (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0824	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0824A	6" PIPE TO FLANGE (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0825	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0826	6" FLANGED VALVE F046C TO PIPE (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0827	6" PIPE TO FLANGED VALVE F046C (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0827A	6" FLANGE R0-D001C TO PIPE (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0827B	6" PIPE TO FLANGE R0-D001C (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0828	6" VALVE F064C TO PIPE (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0829	6" PIPE TO VALVE F064C (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0830	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0831	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-116
C5.51	1E12-0832	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-115

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0833	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-115
C5.51	1E12-0834	18" X 6" WELDOLET TO 6" PIPE (<.375 NWT)	N/A	NS	643-115
C5.51	1E12-0837	18" VALVE F021 TO 18" PIPE	UT, PT	NS	643-120
C5.51	1E12-0838	18" PIPE TO TEE	UT, PT	NS	643-120
C5.51	1E12-0839	18" PIPE TO 18" X 18" X 18" TEE	UT, PT	3	643-120
C5.51	1E12-0840	18" X 18" X 18" TEE TO PIPE	UT, PT	NS	643-120
C5.51	1E12-0841	18" PIPE TO ELBOW	UT, PT	NS	643-120
C5.51	1E12-0842	18" ELBOW TO PIPE	UT, PT	NS	643-120
C5.51	1E12-0843	18" PIPE TO FLANGE RO-D004C	UT, PT	NS	643-120
C5.51	1E12-0844	18" FLANGE RO-D004C TO PIPE	UT, PT	NS	643-120
C5.51	1E12-0845	18" PIPE TO ELBOW	UT, PT	NS	643-120
C5.51	1E12-0846	18" ELBOW TO PIPE	UT, PT	2	643-120
C5.51	1E12-0847	18" PIPE TO 18" X 12" REDUCING ELBOW	UT, PT	NS	642-134
C5.51	1E12-0848	18" X 12" REDUCING ELBOW TO 12" PIPE	UT, PT	NS	642-134
C5.51	1E12-0849	12" PIPE TO 12" X 8" SWEEPOLET	UT, PT	NS	642-134
C5.51	1E12-0850	12" PIPE TO VALVE F042C	UT, PT	NS	642-134
C5.51	1E12-0896	24" X 10" WELDOLET TO 10" PIPE (<.375 NWT)	N/A	NS	642-114
C5.51	1E12-0897	10" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-114
C5.51	1E12-0898	10" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-114
C5.51	1E12-0899	10" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-114
C5.51	1E12-0900	10" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-114
C5.51	1E12-0901	10" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-115
C5.51	1E12-0902	10" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-115
C5.51	1E12-0903	10" PIPE TO VALVE F066B (<.375 NWT)	N/A	NS	642-115
C5.51	1E12-0905	24" X 10" WELDOLET TO 10" PIPE (<.375 NWT)	N/A	NS	641-101
C5.51	1E12-0906	10" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-101
C5.51	1E12-0907	10" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-101
C5.51	1E12-0908	10" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-101
C5.51	1E12-0909	10" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-101
C5.51	1E12-0910	10" PIPE TO ELBOW (<.375 NWT)	N/A	NS	642-106
C5.51	1E12-0911	10" ELBOW TO PIPE (<.375 NWT)	N/A	NS	642-106
C5.51	1E12-0912	10" PIPE TO VALVE F066A (<.375 NWT)	N/A	NS	642-106
C5.51	1E12-0914	10" PIPE TO 10" X 10" X 4" TEE RCIC HEAD SPRAY INTERTIE	UT, PT	NS	641-112
C5.51	1E12-0915	10" ELBOW TO PIPE	UT, PT	NS	641-112
C5.51	1E12-0916	10" PIPE TO ELBOW	UT, PT	NS	641-112

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0917	10" X 10" X 10" TEE TO PIPE	UT, PT	NS	641-112
C5.51	1E12-0918	10" PIPE TO 10" X 10" X 10" TEE	UT, PT	NS	641-112
C5.51	1E12-0919	10" ELBOW TO PIPE	UT, PT	NS	641-112
C5.51	1E12-0920	10" PIPE TO ELBOW	UT, PT	1	641-112
C5.51	1E12-0921	10" ELBOW TO PIPE	UT, PT	NS	641-112
C5.51	1E12-0922	10" PIPE TO ELBOW	UT, PT	NS	641-112
C5.51	1E12-0923	10" PIPE (SCH 100) TO PIPE (SCH 80)	UT, PT	1	641-110
C5.51	1E12-0924	10" VALVE F052A TO PIPE	UT, PT	NS	641-110
C5.51	1E12-0925	10" PIPE TO VALVE F052A	UT, PT	NS	641-110
C5.51	1E12-0926	10" ELBOW TO PIPE	UT, PT	NS	641-110
C5.51	1E12-0927	10" PIPE TO ELBOW	UT, PT	NS	641-110
C5.51	1E12-0928	10" X 10" X 6" TEE TO 10" PIPE	UT, PT	NS	641-110
C5.51	1E12-0929	10" PIPE TO 10" X 10" X 6" TEE	UT, PT	NS	641-110
C5.51	1E12-0930	10" ELBOW TO PIPE	UT, PT	NS	641-110
C5.51	1E12-0931	10" PIPE TO ELBOW	UT, PT	3	641-110
C5.51	1E12-0932	10" X 6" REDUCER TO 10" PIPE	UT, PT	NS	641-110
C5.51	1E12-0932A	6" VALVE F051A TO 10" X 6" REDUCER	RT, PT	NS	641-110
C5.51	1E12-0933	10" PIPE TO 10" X 6" REDUCER (<.375 NWT)	N/A	NS	641-110
C5.51	1E12-0933A	10" X 6" REDUCER TO 6" VALVE F051A (<.375 NWT)	N/A	NS	641-110
C5.51	1E12-0934	10" PIPE TO 10" X 10" X 6" TEE (<.375 NWT)	N/A	NS	641-110
C5.51	1E12-0935	10" X 10" X 6" TEE TO 10" PIPE (<.375 NWT)	N/A	NS	641-110
C5.51	1E12-0935A	10" X 10" X 6" TEE TO 6" PIPE (<.375 NWT)	N/A	NS	641-110
C5.51	1E12-0936	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-110
C5.51	1E12-0937	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-110
C5.51	1E12-0938	6" PIPE TO VALVE F087A (<.375 NWT)	N/A	NS	641-110
C5.51	1E12-0939	6" VALVE F087A TO PIPE	UT, PT	NS	641-110
C5.51	1E12-0940	6" PIPE TO 10" X 10" X 6" TEE	UT, PT	2	641-110
C5.51	1E12-0968	10" PIPE TO 10" X 10" X 10" TEE	UT, PT	3	641-112
C5.51	1E12-0969	10" ELBOW TO PIPE	UT, PT	NS	641-112
C5.51	1E12-0970	10" PIPE TO ELBOW	UT, PT	NS	641-112
C5.51	1E12-0971	10" ELBOW TO PIPE	UT, PT	NS	641-112
C5.51	1E12-0972	10" PIPE TO ELBOW	UT, PT	NS	641-112
C5.51	1E12-0973	10" VALVE F052B TO PIPE	UT, PT	NS	643-102
C5.51	1E12-0973A	10" PIPE (SCH 100) TO PIPE (SCH 80)	UT, PT	NS	643-102
C5.51	1E12-0974	10" PIPE TO VALVE F052B	UT, PT	NS	643-102

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-0975	10" ELBOW TO PIPE	UT, PT	NS	643-102
C5.51	1E12-0976	10" PIPE TO ELBOW	UT, PT	3	643-102
C5.51	1E12-0977	10" X 10" X 6" TEE TO 10" PIPE	UT, PT	NS	643-102
C5.51	1E12-0978	10" PIPE TO 10" X 10" X 6" TEE	UT, PT	NS	643-102
C5.51	1E12-0979	10" ELBOW TO PIPE	UT, PT	NS	643-102
C5.51	1E12-0980	10" PIPE TO ELBOW	UT, PT	NS	643-102
C5.51	1E12-0980A	10" X 6" REDUCER TO 10" PIPE	UT, PT	NS	643-102
C5.51	1E12-0981	6" VALVE F051B TO 10" X 6" REDUCER	UT, PT	NS	643-102
C5.51	1E12-0982	10" X 6" REDUCER TO 6" VALVE F051B	UT, PT	NS	643-102
C5.51	1E12-0982A	10" PIPE TO 10" X 6" REDUCER (<.375 NWT)	N/A	NS	643-102
C5.51	1E12-0983	10" PIPE TO 10" X 10" X 6" TEE (<.375 NWT)	N/A	NS	643-102
C5.51	1E12-0983A	10" X 10" X 6" TEE TO 10" PIPE (<.375 NWT)	N/A	NS	643-102
C5.51	1E12-0984	10" X 10" X 6" TEE TO 6" PIPE (<.375 NWT)	N/A	NS	643-102
C5.51	1E12-0985	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	643-102
C5.51	1E12-0986	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	643-102
C5.51	1E12-0987	6" PIPE TO VALVE F087B (<.375 NWT)	N/A	NS	643-102
C5.51	1E12-0988	6" PIPE TO VALVE F087B	UT, PT	NS	643-102
C5.51	1E12-0989	10" X 10" X 6" TEE TO 6" PIPE	UT, PT	2	643-102
C5.51	1E12-1014	18" VALVE P45-F575 TO 18" PIPE	UT, PT	NS	643-105
C5.51	1E12-1015	18" PIPE TO VALVE P45-F573	UT, PT	NS	643-105
C5.81	1E12-1016	6" WELDOLET TO 18" PIPE (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-1017	6" PIPE TO 6" WELDOLET (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-1018	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-1019	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-1020	6" VALVE F609 TO PIPE (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-1021	6" PIPE TO VALVE F609 (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-1022	6" VALVE F610 TO PIPE (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-1023	6" PIPE TO VALVE F610 (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-1024	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-1025	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-1026	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-1027	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-1028	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-1029	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-105
C5.51	1E12-1030	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-107

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E12-1031	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-107
C5.51	1E12-1032	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-107
C5.51	1E12-1033	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-107
C5.51	1E12-1034	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	641-107
C5.51	1E12-1035	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	641-107
C5.51	1E12-1036	10" X 6" REDUCER TO 6" PIPE (<.375 NWT)	N/A	NS	641-107
C5.51	1E12-1037	10" PIPE TO 10" X 6" REDUCER (<.375 NWT)	N/A	NS	641-107
C5.51	1E12-1038	10" VALVE F522A TO PIPE (<.375 NWT)	N/A	NS	641-107
C5.51	1E21-0031	12" PIPE TO VALVE F005	UT, PT	NS	705-108
C5.81	1E21-0032	12" PIPE TO 6" WELDOLET	UT, PT	NS	705-108
C5.51	1E21-0033	14" X 12" REDUCING ELBOW TO 12" PIPE	UT, PT	3	705-108
C5.51	1E21-0034	14" PIPE TO 14" X 12" REDUCING ELBOW	PT, PT	NS	705-108
C5.51	1E21-0035	14" FLANGE TO PIPE	UT, PT	NS	705-107
C5.51	1E21-0036	14" X 14" X 12" TEE TO 14" FLANGE	UT, PT	NS	705-107
C5.51	1E21-0037	14" PIPE TO 14" X 14" X 12" TEE	UT, PT	NS	705-107
C5.51	1E21-0038	14" ELBOW TO PIPE	UT, PT	NS	705-106
C5.51	1E21-0039	14" PIPE TO ELBOW	UT, PT	NS	705-106
C5.51	1E21-0040	14" FLANGE FE-N002 TO PIPE	UT, PT	NS	705-105
C5.51	1E21-0041	14" PIPE TO FLANGE FE-N002	UT, PT	NS	705-105
C5.51	1E21-0042	14" ELBOW TO PIPE	UT, PT	NS	705-105
C5.51	1E21-0043	14" PIPE TO ELBOW	UT, PT	2	705-105
C5.51	1E21-0044	14" ELBOW TO PIPE	UT, PT	NS	705-104
C5.51	1E21-0045	14" PIPE TO ELBOW	UT, PT	NS	705-104
C5.81	1E21-0046	14" PIPE TO 6" WELDOLET	PT	(1)	705-104
C5.51	1E21-0047	14" FLANGED VALVE TO PIPE	UT, PT	NS	705-104
C5.51	1E21-0048	14" PIPE TO FLANGED VALVE F003	UT, PT	NS	705-104
C5.81	1E21-0049	14" PIPE TO 6" WELDOLET	PT	2	705-104
C5.51	1E21-0050	14" ELBOW TO PIPE	UT, PT	NS	705-102
C5.51	1E21-0051	14" PIPE TO ELBOW	UT, PT	NS	705-102
C5.51	1E21-0052	16" X 14" REDUCER TO 14" PIPE	UT, PT	NS	705-102
C5.51	1E21-0053	16" FLANGE TO 16" X 14" REDUCER	UT, PT	3	705-102
C5.51	1E21-0055	24" PIPE TO FLANGE	UT, PT	1	705-102
C5.51	1E21-0056	24" ELBOW TO PIPE	UT, PT	NS	705-102
C5.51	1E21-0057	24" FLANGE TO ELBOW	UT, PT	NS	705-102

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: C-F-2					
C5.51	1E21-0058	24" PIPE SUCTION STRAINER D007 TO FLANGE	UT, PT	NS	705-102
C5.51	1E21-0059	24" FLANGE TO PIPE SUCTION STRAINER D007	UT, PT	NS	705-102
C5.51	1E21-0060	24" PIPE TO FLANGE	UT, PT	NS	705-102
C5.51	1E21-0061	24" X 24" X 16" TEE TO 24" PIPE	UT, PT	NS	705-102
C5.51	1E21-0062	24" PIPE TO 24" X 24" X 16" TEE	UT, PT	NS	705-102
C5.51	1E21-0063	24" ELBOW TO PIPE	UT, PT	NS	705-101
C5.51	1E21-0064	24" PIPE TO ELBOW	UT, PT	NS	705-101
C5.51	1E21-0065	24" ELBOW TO PIPE	UT, PT	NS	705-101
C5.51	1E21-0066	24" PIPE TO ELBOW	UT, PT	NS	705-101
C5.81	1E21-0067	24" PIPE TO 6" WELDOLET	PT	NS	705-101
C5.51	1E21-0068	24" ELBOW TO PIPE	UT, PT	NS	705-101
C5.51	1E21-0069	24" PIPE TO ELBOW	UT, PT	NS	705-101
C5.51	1E21-0070	24" ELBOW TO PIPE	UT, PT	NS	705-101
C5.51	1E21-0071	24" VALVE F001 TO ELBOW	UT, PT	NS	705-101
C5.51	1E21-0072	24" PIPE TO VALVE F001	UT, PT	NS	705-101
C5.51	1E21-0073	24" PENETRATION P103 PROCESS PIPE TO PIPE	UT, PT	NS	705-101
C5.51	1E21-0075	6" WELDOLET TO 6" PIPE (<.375 NWT)	N/A	NS	705-108
C5.51	1E21-0076	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	705-108
C5.51	1E21-0077	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	705-108
C5.51	1E21-0078	6" PIPE TO VALVE F025E (<.375 NWT)	N/A	NS	705-108
C5.51	1E21-0079	14" X 14" X 12" TEE TO 12" ELBOW	UT, PT	NS	705-107
C5.51	1E21-0080	12" ELBOW TO VALVE F012	UT, PT	NS	705-107
C5.51	1E21-0081	6" ELBOW TO 6" WELDOLET (<.375 NWT)	N/A	NS	705-104
C5.51	1E21-0082	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	705-104
C5.51	1E21-0083	6" VALVE TO PIPE (<.375 NWT)	N/A	NS	705-104
C5.51	1E21-0084	6" ELBOW TO VALVE F004 (<.375 NWT)	N/A	NS	705-104
C5.51	1E21-0085	6" WELDOLET TO 6" PIPE (<.375 NWT)	N/A	NS	705-104
C5.51	1E21-0086	24" X 24" X 16" TEE TO 16" PIPE	UT, PT	2	705-102
C5.51	1E21-0087	16" PIPE TO ELBOW	UT, PT	NS	705-102
C5.51	1E21-0088	16" ELBOW TO PIPE	UT, PT	NS	705-102
C5.51	1E21-0089	16" PIPE TO PIPE	UT, PT	NS	705-102
C5.51	1E21-0090	16" PIPE TO ELBOW	UT, PT	NS	705-103
C5.51	1E21-0091	16" ELBOW TO PIPE	UT, PT	NS	705-103
C5.51	1E21-0092	16" PIPE TO FLANGE D005	UT, PT	NS	705-103
C5.51	1E21-0093	16" FLANGE D005 TO PIPE	UT, PT	NS	705-103

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E21-0094	16" PIPE TO FLANGE D006	UT, PT	NS	705-103
C5.51	1E21-0095	6" WELDOLET TO ELBOW (<.375 NWT)	N/A	NS	705-101
C5.51	1E21-0096	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	705-101
C5.51	1E21-0097	6" PIPE TO VALVE F008 (<.375 NWT)	N/A	NS	705-101
C5.51	1E21-0098	12" VALVE TO 12" X 12" REDUCING TEE	UT, PT	NS	705-107
C5.51	1E21-0098A	12" X 12" X 6" REDUCING 6" TEE TO 6" X 4" REDUCING ELBOW (<.375 NWT)	N/A	NS	705-107
C5.51	1E21-0099	12" X 12" X 6" REDUCING TEE TO FLANGE	UT, PT	NS	705-107
C5.51	1E21-0100	12" FLANGE TO PIPE	UT, PT	NS	705-107
C5.51	1E21-0101	12" PIPE TO FLANGED VALVE F501	UT, PT	NS	705-107
C5.51	1E22-0028	12" VALVE F004 TO ELBOW	UT, PT	NS	701-108
C5.51	1E22-0029	12" ELBOW TO 12" X 16" REDUCER	UT, PT	NS	701-108
C5.51	1E22-0030	12" X 16" REDUCER TO 16" PIPE	UT, PT	NS	701-108
C5.81	1E22-0031	16" PIPE TO 6" SWEEPolet	PT	NS	701-108
C5.51	1E22-0032	16" PIPE TO ELBOW	UT, PT	NS	701-108
C5.51	1E22-0033	16" ELBOW TO FLANGE R0-D002	UT, PT	NS	701-108
C5.51	1E22-0034	16" FLANGE R0-D002 TO PIPE	UT, PT	NS	701-108
C5.51	1E22-0034A	16" PIPE TO ELBOW	UT, PT	NS	701-107
C5.51	1E22-0035	16" PIPE TO ELBOW	UT, PT	NS	701-106
C5.51	1E22-0036	16" ELBOW TO PIPE	UT, PT	NS	701-106
C5.51	1E22-0036A	16" PIPE TO PIPE	UT, PT	NS	701-106
C5.51	1E22-0037	16" PIPE TO ELBOW	UT, PT	NS	701-106
C5.51	1E22-0038	16" ELBOW TO PIPE	UT, PT	NS	701-106
C5.51	1E22-0039	16" PIPE TO ELBOW	UT, PT	NS	701-106
C5.51	1E22-0040	16" ELBOW TO PIPE	UT, PT	NS	701-106
C5.51	1E22-0041	16" PIPE TO 16" X 16" X 12" TEE	UT, PT	(2)	701-105
C5.51	1E22-0042	16" X 16" X 12" TEE TO 16" PIPE	UT, PT	NS	701-105
C5.51	1E22-0043	16" PIPE TO ELBOW	UT, PT	2	701-105
C5.51	1E22-0044	16" ELBOW TO PIPE	UT, PT	NS	701-105
C5.51	1E22-0045	16" PIPE TO FLANGE FE-N007	UT, PT	NS	701-105
C5.51	1E22-0046	16" PIPE TO FLANGE FE-N007	UT, PT	NS	701-104
C5.81	1E22-0047	16" PIPE TO 6" SWEEPolet	PT	NS	701-104
C5.51	1E22-0048	16" VALVE F024 TO PIPE	UT, PT	NS	701-104
C5.51	1E22-0049	16" PIPE TO VALVE F024	UT, PT	NS	701-104

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.81	1E22-0050	16" PIPE TO 6" WELDOLET	PT	1	701-104
C5.51	1E22-0051	16" ELBOW TO PIPE	UT, PT	NS	701-104
C5.51	1E22-0052	16" PIPE TO ELBOW	UT, PT	NS	701-104
C5.51	1E22-0053	16" ELBOW TO PIPE	UT, PT	NS	701-103
C5.51	1E22-0054	16" PIPE TO ELBOW	UT, PT	NS	701-103
C5.51	1E22-0055	16" FLANGE TO PIPE	UT, PT	3	701-103
C5.51	1E22-0056	24" PIPE TO FLANGE	UT, PT	3	701-103
C5.51	1E22-0057	24" FLANGE D006 TO PIPE	UT, PT	NS	701-103
C5.51	1E22-0058	24" X 24" X 24" TEE TO FLANGE D006	UT, PT	NS	701-103
C5.51	1E22-0059	24" PIPE TO 24" X 24" X 24" TEE	UT, PT	NS	701-103
C5.51	1E22-0059A	24" PIPE TO PIPE	UT, PT	NS	701-102
C5.51	1E22-0060	24" ELBOW TO PIPE	UT, PT	NS	701-102
C5.51	1E22-0061	24" PIPE TO ELBOW	UT, PT	NS	701-102
C5.81	1E22-0062	24" PIPE TO 6" WELDOLET	UT, PT	NS	701-102
C5.51	1E22-0063	24" X 24" X 12" TEE TO 24" PIPE	PT	NS	701-102
C5.51	1E22-0064	24" PIPE TO 24" X 24" X 12" TEE	UT, PT	NS	701-102
C5.51	1E22-0065	24" ELBOW TO PIPE	UT, PT	NS	701-102
C5.51	1E22-0066	24" PIPE TO ELBOW	UT, PT	NS	701-102
C5.51	1E22-0067	24" ELBOW TO PIPE	UT, PT	NS	701-102
C5.51	1E22-0068	24" PIPE TO ELBOW	UT, PT	NS	701-102
C5.51	1E22-0069	24" ELBOW TO PIPE	UT, PT	NS	701-102
C5.51	1E22-0070	24" PIPE TO ELBOW	UT, PT	NS	701-102
C5.51	1E22-0071	24" ELBOW TO PIPE	UT, PT	NS	701-101
C5.51	1E22-0072	24" FLANGE TO ELBOW	UT, PT	NS	701-101
C5.51	1E22-0073	24" PIPE TO FLANGE	UT, PT	NS	701-101
C5.51	1E22-0074	24" VALVE F015 TO PIPE	UT, PT	NS	701-101
C5.51	1E22-0075	24" PIPE TO VALVE F015	UT, PT	NS	701-101
C5.51	1E22-0077	24" ELBOW TO PIPE	UT, PT	NS	701-101
C5.51	1E22-0078	24" PENETRATION P401 PROCESS PIPE TO ELBOW	UT, PT	1	701-101
C5.51	1E22-0080	16" X 16" X 12" TEE TO 12" PIPE	UT, PT	NS	701-105
C5.51	1E22-0081	12" PIPE TO ELBOW	UT, PT	NS	701-105
C5.51	1E22-0082	12" ELBOW TO PIPE	UT, PT	NS	701-105
C5.51	1E22-0083	12" PIPE TO ELBOW	UT, PT	NS	701-105
C5.51	1E22-0084	12" ELBOW TO PIPE	UT, PT	NS	701-105
C5.51	1E22-0085	12" PIPE TO 12" X 12" X 12" TEE	UT, PT	NS	701-105

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E22-0086	12" X 12" X 12" TEE TO 12" PIPE	UT, PT	NS	701-105
C5.51	1E22-0087	12" PIPE TO ELBOW	UT, PT	3	701-105
C5.51	1E22-0088	12" ELBOW TO PIPE	UT, PT	NS	701-105
C5.51	1E22-0088A	12" PIPE TO PIPE	UT, PT	NS	701-112
C5.51	1E22-0089	12" PIPE TO ELBOW	UT, PT	NS	701-113
C5.51	1E22-0090	12" ELBOW TO PIPE	UT, PT	NS	701-113
C5.51	1E22-0091	12" PIPE TO VALVE F023	UT, PT	NS	701-113
C5.51	1E22-0104	6" SWEEPOLET TO 6" PIPE	UT, PT	NS	701-108
C5.51	1E22-0105	6" PIPE TO ELBOW	UT, PT	2	701-108
C5.51	1E22-0106	6" ELBOW TO PIPE	UT, PT	NS	701-108
C5.51	1E22-0107	6" PIPE TO VALVE F003	UT, PT	NS	701-108
C5.51	1E22-0108	6" PIPE TO 6" SWEEPOLET	UT, PT	NS	701-104
C5.51	1E22-0109	6" ELBOW TO PIPE	UT, PT	NS	701-104
C5.51	1E22-0110	6" PIPE TO ELBOW	UT, PT	(2)	701-104
C5.51	1E22-0111	6" VALVE F026 TO PIPE	UT, PT	NS	701-104
C5.51	1E22-0112	6" PIPE TO VALVE F026	UT, PT	NS	701-104
C5.51	1E22-0113	6" ELBOW TO PIPE	UT, PT	NS	701-104
C5.51	1E22-0114	6" X 6" X 4" REDUCING TEE TO ELBOW	UT, PT	NS	701-104
C5.51	1E22-0115	6" SWEEPOLET TO 6" X 6" X 4" REDUCING TEE	UT, PT	NS	701-104
C5.51	1E22-0116	24" X 24" X 24" TEE TO 24" X 16" REDUCER	UT, PT	NS	701-103
C5.51	1E22-0117	24" X 16" REDUCER TO 16" PIPE	UT, PT	NS	701-103
C5.51	1E22-0118	16" PIPE TO FLANGED VALVE F002	UT, PT	NS	701-103
C5.51	1E22-0119	16" FLANGED VALVE F002 TO PIPE	UT, PT	NS	701-103
C5.51	1E22-0120	16" PIPE TO VALVE F001	UT, PT	NS	701-103
C5.51	1E22-0121	16" WELDOLET TO ELBOW (<.375 NWT)	N/A	NS	701-102
C5.51	1E22-0122	16" ELBOW TO PIPE (<.375 NWT)	N/A	NS	701-102
C5.51	1E22-0123	16" PIPE TO VALVE F019 (<.375 NWT)	N/A	NS	701-102
C5.51	1E22-0124	24" X 24" X 12" TEE TO PIPE (<.375 NWT)	UT, PT	NS	701-102
C5.51	1E22-0124A	12" PIPE TO ELBOW	UT, PT	NS	701-102
C5.51	1E22-0124B	12" ELBOW TO FLANGED VALVE G42F010	UT, PT	NS	701-102
C5.51	1E22-0125	12" X 12" X 12" TEE TO 12" X 10" REDUCER	UT, PT	NS	701-105
C5.51	1E22-0126	12" X 10" REDUCER TO VALVE F010	UT, PT	NS	701-105
C5.51	1E22-0127	6" VALVE F003 TO 6" PIPE	UT, PT	NS	701-108
C5.51	1E22-0128	6" PIPE TO VALVE F031	UT, PT	NS	701-108
C5.51	1E22-0131	12" FLANGED VALVE G42F010 TO 12" PIPE	UT, PT	2	701-102

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: C-F-2					
C5.51	1E22-0132	12" VALVE F010 TO 10" PIPE	UT, PT	NS	701-105
C5.51	1E22-0133	10" PIPE TO VALVE F011	UT, PT	NS	701-105
C5.51	1E22-0134	12" PIPE TO FLANGED VALVE G42F020	UT, PT	NS	701-102
C5.51	1E51-0031	6" VALVE F013 TO PIPE	UT, PT	1	631-105
C5.51	1E51-0032	6" PIPE TO ELBOW	UT, PT	NS	631-105
C5.51	1E51-0033	6" ELBOW TO PIPE	UT, PT	NS	631-105
C5.51	1E51-0034	6" PIPE TO ELBOW	UT, PT	2	631-103
C5.51	1E51-0035	6" ELBOW TO PIPE	UT, PT	NS	631-103
C5.51	1E51-0036	6" PIPE TO ELBOW	UT, PT	NS	631-103
C5.51	1E51-0037	6" ELBOW TO PIPE	UT, PT	NS	631-103
C5.51	1E51-0038	6" PIPE TO TEE	UT, PT	NS	631-102
C5.51	1E51-0039	6" TEE TO PIPE	UT, PT	3	631-102
C5.51	1E51-0040	6" TEE TO 6" X 4" REDUCER	UT, PT	NS	631-102
C5.51	1E51-0042	6" PIPE TO FLANGE FE-N001	UT, PT	NS	631-102
C5.51	1E51-0043	6" FLANGE FE-N001 TO PIPE	UT, PT	NS	631-102
C5.51	1E51-0044	6" PIPE TO ELBOW	UT, PT	NS	631-102
C5.51	1E51-0045	6" ELBOW TO PIPE	UT, PT	NS	631-102
C5.51	1E51-0046	6" PIPE TO ELBOW	UT, PT	NS	631-102
C5.51	1E51-0047	6" ELBOW TO PIPE	UT, PT	NS	631-102
C5.51	1E51-0048	6" PIPE TO ELBOW	UT, PT	NS	631-102
C5.51	1E51-0049	6" ELBOW TO PIPE	UT, PT	NS	631-102
C5.51	1E51-0050	6" PIPE TO VALVE F502	UT, PT	NS	631-102
C5.51	1E51-0051	6" VALVE F502 TO FLANGE	UT, PT	NS	631-102
C5.51	1E51-0052	6" FLANGE TO STRAINER D025 (<.375 NWT)	N/A	NS	631-110
C5.51	1E51-0053	6" STRAINER D025 TO FLANGE (<.375 NWT)	N/A	NS	631-110
C5.51	1E51-0054	6" FLANGE TO ELBOW (<.375 NWT)	N/A	NS	631-110
C5.51	1E51-0055	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	631-110
C5.51	1E51-0056	6" PIPE TO VALVE F501 (<.375 NWT)	N/A	NS	631-110
C5.51	1E51-0057	6" VALVE F501 TO PIPE (<.375 NWT)	N/A	NS	631-110
C5.51	1E51-0058	6" PIPE TO 6" X 6" X 4" TEE (<.375 NWT)	N/A	NS	631-110
C5.51	1E51-0059	6" TEE TO FLANGED VALVE F577 (<.375 NWT)	N/A	NS	631-110
C5.51	1E51-0060	6" TEE TO PIPE (<.375 NWT)	N/A	NS	631-110
C5.51	1E51-0061	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	631-111
C5.51	1E51-0062	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	631-111

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Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1E51-0062A	6" PIPE TO PIPE (<.375 NWT)	N/A	NS	631-111
C5.51	1E51-0062B	6" PIPE TO PIPE (<.375 NWT)	N/A	NS	631-111
C5.51	1E51-0063	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	631-111
C5.51	1E51-0064	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	631-111
C5.51	1E51-0065	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	631-112
C5.51	1E51-0066	6" ELBOW TO FLANGED VALVE F030 (<.375 NWT)	N/A	NS	631-112
C5.51	1E51-0067	6" FLANGED VALVE F030 TO PIPE (<.375 NWT)	N/A	NS	631-112
C5.51	1E51-0068	6" PIPE TO VALVE F031 (<.375 NWT)	N/A	NS	631-112
C5.51	1E51-0069	6" VALVE F031 TO PIPE (<.375 NWT)	N/A	NS	631-112
C5.51	1E51-0070	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	631-112
C5.51	1E51-0071	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	631-112
C5.51	1E51-0072	6" PIPE TO ELBOW (<.375 NWT)	N/A	NS	631-112
C5.51	1E51-0073	6" ELBOW TO PIPE (<.375 NWT)	N/A	NS	631-112
C5.51	1E51-0073A	6" PIPE TO PIPE (<.375 NWT)	N/A	NS	631-112
C5.51	1E51-0074	6" PIPE TO PENETRATION P101 PROCESS PIPE (<.375 NWT)	N/A	NS	631-112
C5.51	1E51-0075	6" PIPE TO FLANGED VALVE F011 (<.375 NWT)	N/A	NS	631-110
C5.51	1E51-0076	6" FLANGED VALVE F011 TO PIPE (<.375 NWT)	N/A	NS	631-110
C5.51	1E51-0077	6" VALVE F010 TO PIPE (<.375 NWT)	N/A	NS	631-110
C5.51	1E51-0078	6" FLANGED VALVE F577 TO 6" X 6" X 4" TEE (<.375 NWT)	N/A	NS	631-110
C5.51	1E51-0079	6" TEE TO PIPE (<.375 NWT)	N/A	NS	631-110
C5.51	1E51-0088	12" PIPE TO VALVE F068	UT, PT	NS	631-101
C5.51	1E51-0089	12" FLANGED VALVE F040 TO PIPE	UT, PT	NS	631-101
C5.51	1E51-0090	12" ELBOW TO FLANGED VALVE F040	UT, PT	NS	631-101
C5.51	1E51-0091	12" PIPE TO ELBOW	UT, PT	NS	631-101
C5.51	1E51-0092	12" ELBOW TO PIPE	UT, PT	NS	632-105
C5.51	1E51-0093	12" PIPE TO ELBOW	UT, PT	NS	632-105
C5.51	1E51-0093A	12" PIPE TO PIPE	UT, PT	NS	632-105
C5.51	1E51-0094	12" ELBOW TO PIPE	UT, PT	NS	632-104
C5.51	1E51-0095	12" PIPE TO ELBOW	UT, PT	NS	632-104
C5.51	1E51-0096	12" PIPE BEND TO PIPE	UT, PT	NS	632-103
C5.51	1E51-0097	8" X 12" X 12" TEE TO 12" PIPE BEND	UT, PT	3	632-103
C5.51	1E51-0097A	8" X 12" X 12" TEE TO 12" PIPE	UT, PT	NS	632-103
C5.51	1E51-0098	12" X 12" X 12" TEE TO PIPE	UT, PT	NS	632-103
C5.51	1E51-0099	12" PIPE TO TEE	UT, PT	2	632-103
C5.51	1E51-0100	12" CAP TO PIPE	UT, PT	NS	632-103

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: C-F-2					
C5.51	1E51-0101	12" PIPE TO TEE	UT, PT	NS	632-103
C5.51	1E51-0102	8" X 12" REDUCING ELBOW TO 12" PIPE	UT, PT	1	632-103
C5.51	1E51-0103	8" FLANGE TO 8" X 12" REDUCING ELBOW	UT, PT	NS	632-103
C5.51	1E51-0104	12" X 8" TEE TO PIPE	UT, PT	NS	632-103
C5.51	1E51-0105	8" PIPE TO RUPTURE DISC D001	UT, PT	NS	632-103
C5.51	1E51-0106	8" RUPTURE DISC D001 TO 8" PIPE	UT, PT	NS	632-103
C5.51	1E51-0107	8" PIPE TO RUPTURE DISC D002	UT, PT	NS	632-103
C5.51	1E51-0118	10" PIPE TO TEE	UT, PT	NS	632-102
C5.51	1E51-0119	10" VALVE F064 TO PIPE	UT, PT	NS	632-102
C5.51	1E51-0130	12" CAP TO PIPE	UT, PT	NS	632-103
C5.51	1E51-0131	12" PIPE TO CAP	UT, PT	NS	632-103
C5.51	1G33-0114	6" VALVE F040 TO PENETRATION P132 PROCESS PIPE	UT, PT	1	672-102
C5.51	1G33-0115	6" PENETRATION P132 PROCESS PIPE TO VALVE F039	UT, PT	2	672-102
C5.51	1G33-0116	6" VALVE F039 TO PIPE	UT, PT	NS	672-102
C5.51	1G33-0117	6" PIPE TO FLANGE FE N040	UT, PT	NS	672-102
C5.51	1G33-0118	6" FLANGE FE N040 TO PIPE	UT, PT	NS	672-102
C5.51	1G33-0119	6" PIPE TO ELBOW	UT, PT	NS	672-102
C5.51	1G33-0120	6" ELBOW TO PIPE	UT, PT	NS	672-102
C5.51	1G33-0121	6" X 6" X 6" TEE TO PIPE	UT, PT	NS	672-101
C5.51	1G33-0122	6" X 6" X 6" TEE TO VALVE F051A	UT, PT	3	672-101
C5.51	1G33-0123	6" VALVE F051A TO PIPE	UT, PT	NS	672-101
C5.51	1G33-0124	6" PIPE TO ELBOW	UT, PT	NS	672-101
C5.51	1G33-0125	6" ELBOW TO PIPE	UT, PT	NS	672-101
C5.51	1G33-0126	6" PIPE TO VALVE F052A	UT, PT	NS	672-101
C5.51	1G33-0127	6" VALVE F052A TO PIPE	UT, PT	NS	672-101
C5.51	1G33-0128	6" PIPE TO ELBOW	UT, PT	NS	672-101
C5.51	1G33-0129	6" ELBOW TO PIPE	UT, PT	NS	672-101
C5.51	1G33-0130	6" PIPE TO ELBOW	UT, PT	NS	672-101
C5.51	1G33-0131	6" ELBOW TO WELDOLET	UT, PT	NS	672-101
C5.51	1G33-0132	6" PIPE TO TEE	UT, PT	NS	672-101
C5.51	1G33-0132A	6" PIPE TO PIPE	UT, PT	NS	672-101
C5.51	1G33-0133	6" VALVE F051B TO PIPE	UT, PT	NS	672-101
C5.51	1G33-0134	6" ELBOW TO VALVE F051B	UT, PT	NS	672-101
C5.51	1G33-0135	6" PIPE TO ELBOW	UT, PT	NS	672-101

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-F-2					
C5.51	1G33-0136	6" ELBOW TO PIPE	UT, PT	NS	672-101
C5.51	1G33-0137	6" PIPE TO ELBOW	UT, PT	NS	672-101
C5.51	1G33-0138	6" VALVE F052B TO PIPE	UT, PT	NS	672-101
C5.51	1G33-0139	6" PIPE TO VALVE F052B	UT, PT	NS	672-101
C5.51	1G33-0140	6" ELBOW TO PIPE	UT, PT	NS	672-101
C5.51	1G33-0141	6" PIPE TO ELBOW	UT, PT	NS	672-101
C5.51	1G33-0142	6" ELBOW TO PIPE	UT, PT	NS	672-101
C5.51	1G33-0143	6" WELDOLET TO ELBOW	UT, PT	NS	672-101

C5.51	1N27-0010	20" PIPE TO VALVE F032A	UT, PT	NS	082-101
C5.51	1N27-0010A	20" PIPE TO PIPE	UT, PT	2	082-101
C5.51	1N27-0011	20" X 20" X 14" TEE TO 20" PIPE	UT, PT	NS	082-101
C5.51	1N27-0011A	20" X 20" X 14" TEE TO 14" X 12" REDUCER	UT, PT	NS	082-101
C5.51	1N27-0012	20" PIPE TO 20" X 20" X 14" TEE	UT, PT	NS	082-101
C5.51	1N27-0013	20" VALVE F065A TO PIPE	UT, PT	NS	082-101
C5.51	1N27-0024	20" PIPE TO VALVE F032B	UT, PT	NS	082-104
C5.51	1N27-0024A	20" PIPE TO PIPE	UT, PT	NS	082-104
C5.51	1N27-0025	20" X 20" X 14" TEE TO 20" PIPE	UT, PT	3	082-104
C5.51	1N27-0025A	20" X 20" X 14" TEE TO 14" X 12" REDUCER	UT, PT	NS	082-104
C5.51	1N27-0026	20" PIPE TO 20" X 20" X 14" TEE	UT, PT	NS	082-104
C5.51	1N27-0027	20" VALVE F065B TO PIPE	UT, PT	NS	082-104

EXAMINATION CATEGORY: C-G

C6.10	1E12-C002A-001	DISHED HEAD TO BARREL SHELL #1	MT	SR*	641-120
C6.10	1E12-C002A-002	BARREL SHELL #1 TO BARREL SHELL #2	MT	SR*	641-120
C5.10	1E12-C002A-003	BARREL SHELL #3 TO BARREL FLANGE	MT	SR*	641-120
C6.10	1E12-C002A-004	HEAD FLANGE TO HEAD SHELL	MT	3	641-120
C6.10	1E12-C002A-005	18" DISCHARGE FLANGE TO 18" DISCHARGE PIPE	MT	3	641-120
C6.10	1E12-C002A-006	24" SUCTION FLANGE TO 24" DISCHARGE PIPE	PT	1	641-120
C6.10	1E12-C002A-007	18" DISCHARGE PIPE TO HEAD SHELL	MT	2	641-120
C6.10	1E12-C002A-008	24" SUCTION PIPE TO HEAD SHELL	PT	1	641-120
C6.10	1E12-C002A-009	HEAD SHELL TO HEAD COVER	MT	2	641-120

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-G					
C6.10	1E12-C002A-010	HEAD SHELL LONGITUDINAL SEAM	MT	3	641-120
C6.10	1E12-C002A-011	24" SUCTION PIPE LONGITUDINAL SEAM	PT	1	641-120
C6.10	1E12-C002A-012	BARREL SHELL #2 TO BARREL SHELL #3	MT	SR*	641-120
C6.10	1E12-C002A-013	BARREL SHELL #1 LONGITUDINAL SEAM	MT	SR*	641-120
C6.10	1E12-C002A-014	BARREL SHELL #2 LONGITUDINAL SEAM	MT	SR*	641-120
C6.10	1E12-C002A-015	BARREL SHELL #3 LONGITUDINAL SEAM	MT	SR*	641-120
C6.10	1E12-C002B-001	DISHED HEAD TO BARREL SHELL #1	MT	NS	641-123
C6.10	1E12-C002B-002	BARREL SHELL #1 TO BARREL SHELL #2	MT	NS	641-123
C6.10	1E12-C002B-003	BARREL SHELL #3 TO BARREL FLANGE	MT	NS	641-123
C6.10	1E12-C002B-004	HEAD FLANGE TO HEAD SHELL	MT	NS	641-123
C6.10	1E12-C002B-005	18" DISCHARGE FLANGE TO 18" DISCHARGE PIPE	MT	NS	641-123
C6.10	1E12-C002B-006	24" SUCTION FLANGE TO 24" DISCHARGE PIPE	MT	NS	641-123
C6.10	1E12-C002B-007	18" DISCHARGE PIPE TO HEAD SHELL	MT	NS	641-123
C6.10	1E12-C002B-008	24" SUCTION PIPE TO HEAD SHELL	MT	NS	641-123
C6.10	1E12-C002B-009	HEAD SHELL TO HEAD COVER	MT	NS	641-123
C6.10	1E12-C002B-010	HEAD SHELL LONGITUDINAL	MT	NS	641-123
C6.10	1E12-C002B-011	24" SUCTION PIPE LONGITUDINAL SEAM	MT	NS	641-123
C6.10	1E12-C002B-012	BARREL SHELL #2 TO BARREL SHELL #3	MT	NS	641-123
C6.10	1E12-C002B-013	BARREL SHELL #1 LONGITUDINAL SEAM	MT	NS	641-123
C6.10	1E12-C002B-014	BARREL SHELL #2 LONGITUDINAL SEAM	MT	NS	641-123
C6.10	1E12-C002B-015	BARREL SHELL #3 LONGITUDINAL SEAM	MT	NS	641-123
C6.10	1E12-C002C-001	DISHED HEAD TO BARREL SHELL #1	MT	SR*	643-122
C6.10	1E12-C002C-002	BARREL SHELL #1 TO BARREL SHELL #2	MT	SR*	643-122
C6.10	1E12-C002C-003	BARREL SHELL #3 TO BARREL FLANGE	MT	SR*	643-122
C6.10	1E12-C002C-004	HEAD FLANGE TO HEAD SHELL	MT	3	643-122
C6.10	1E12-C002C-005	18" DISCHARGE FLANGE TO 18" DISCHARGE PIPE	PT	1	643-122
C6.10	1E12-C002C-006	24" SUCTION FLANGE TO 24" DISCHARGE PIPE	MT	2	643-122
C6.10	1E12-C002C-007	18" DISCHARGE PIPE TO HEAD SHELL	MT	2	643-122
C6.10	1E12-C002C-008	24" SUCTION PIPE TO HEAD SHELL	MT	2	643-122
C6.10	1E12-C002C-009	HEAD SHELL TO HEAD COVER	MT	3	643-122
C6.10	1E12-C002C-010	HEAD SHELL LONGITUDINAL	MT	3	643-122
C6.10	1E12-C002C-011	24" SUCTION PIPE LONGITUDINAL SEAM	MT	2	643-122
C6.10	1E12-C002C-012	BARREL SHELL #2 TO BARREL SHELL #3	MT	SR*	643-122

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Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: C-G					
C6.10	1E12-C002C-013	BARREL SHELL #1 LONGITUDINAL SEAM	MT	SR*	643-122
C6.10	1E12-C002C-014	BARREL SHELL #2 LONGITUDINAL SEAM	MT	SR*	642-122
C6.10	1E12-C002C-015	BARREL SHELL #3 LONGITUDINAL SEAM	MT	SR*	643-122
C6.10	1E21-C001-001	DISHED HEAD TO BARREL SHELL #1	MT	SR*	705-113
C6.10	1E21-C001-002	BARREL SHELL #1 TO BARREL SHELL #2	MT	SR*	705-113
C6.10	1E21-C001-003	BARREL SHELL #3 TO BARREL FLANGE	MT	SR*	705-113
C6.10	1E21-C001-004	HEAD FLANGE TO HEAD SHELL	PT	1	705-113
C6.10	1E21-C001-005	16" DISCHARGE FLANGE TO 16" DISCHARGE PIPE	MT	2	705-113
C6.10	1E21-C001-006	16" DISCHARGE PIPE TO HEAD SHELL	MT	2	705-113
C6.10	1E21-C001-007	24" SUCTION FLANGE TO 24" SUCTION PIPE	MT	3	705-113
C6.10	1E21-C001-008	24" SUCTION PIPE TO HEAD SHELL	MT	3	705-113
C6.10	1E21-C001-009	HEAD SHELL TO HEAD COVER	MT	2	705-113
C6.10	1E21-C001-010	HEAD SHELL LONGITUDINAL SEAM	MT	3	705-113
C6.10	1E21-C001-011	24" SUCTION PIPE LONGITUDINAL SEAM	PT	1	705-113
C6.10	1E21-C001-012	BARREL SHELL #2 TO BARREL SHELL #3	MT	SR*	705-113
C6.10	1E21-C001-013	BARREL SHELL #1 LONGITUDINAL SEAM	MT	SR*	705-113
C6.10	1E21-C001-014	BARREL SHELL #2 LONGITUDINAL SEAM	MT	SR*	705-113
C6.10	1E21-C001-015	BARREL SHELL #3 LONGITUDINAL SEAM	MT	SR*	705-113
C6.10	1E22-C001-001	DISHED HEAD TO BARREL SHELL #1	MT	SR*	701-114
C6.10	1E22-C001-002	BARREL SHELL #1 TO BARREL SHELL #2	MT	SR*	701-114
C6.10	1E22-C001-003	BARREL SHELL #2 TO BARREL SHELL #3	MT	SR*	701-114
C6.10	1E22-C001-004	BARREL SHELL #3 TO SHELL FLANGE	MT	SR*	701-114
C6.10	1E22-C001-005	HEAD FLANGE TO HEAD SHELL	MT	2	701-114
C6.10	1E22-C001-006	16" DISCHARGE FLANGE TO 16" DISCHARGE PIPE	PT	1	701-114
C6.10	1E22-C001-007	16" DISCHARGE PIPE TO HEAD SHELL	PT	1	701-114
C6.10	1E22-C001-008	24" SUCTION FLANGE TO SUCTION PIPE	MT	3	701-114
C6.10	1E22-C001-009	24" SUCTION PIPE TO HEAD SHELL	MT	3	701-114
C6.10	1E22-C001-010	HEAD SHELL TO HEAD COVER	MT	3	701-114
C6.10	1E22-C001-011	HEAD SHELL LONGITUDINAL SEAM	MT	2	701-114
C6.10	1E22-C001-012	24" SUCTION PIPE LONGITUDINAL SEAM	MT	3	701-114
C6.10	1E22-C001-013	BARREL SHELL #1 LONGITUDINAL SEAM	MT	SR*	701-114
C6.10	1E22-C001-014	BARREL SHELL #2 LONGITUDINAL SEAM	MT	SR*	701-114
C6.10	1E22-C001-015	BARREL SHELL #3 LONGITUDINAL SEAM	MT	SR*	701-114

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: C-G					
C6.10	1E22-C001-016	16" DISCHARGE PIPE LONGITUDINAL SEAM	PT	1	701-114
C6.10	1E51-C001-001	RCIC PUMP CASING TO FLANGE (DISCHARGE)	PT	2	631-109
C6.10	1E51-C001-002	RCIC PUMP CASING TO SUCTION NOZZLE	PT	3	631-109
C6.10	1E51-C001-003	6" SUCTION NOZZLE TO ELBOW	PT	1	631-109
C6.10	1E51-C001-004	6" ELBOW TO FLANGE	PT	2	631-109
C6.20	1E22-F003-SEAM	6" CHECK VALVE BODY WELD	PT	2	701-114
C6.20	1E22-F026-SEAM	6" GATE VALVE BODY WELD	PT	3	701-114
C6.20	1E51-F502-SEAM	6" GATE VALVE BODY WELD	PT	3	631-109

* Not scheduled due to inaccessibility (see relief request IR-013), but should access be provided by maintenance or repair the welds shall be examined.

EXAMINATION CATEGORY: C-H

C7.10	PRESSURE VESSELS	SYSTEM PRESSURE TEST	VT-2	1,2,3	
C7.20	PRESSURE VESSELS	SYSTEM HYDROSTATIC TEST	VT-2	NS*	
C7.30	PIPING	SYSTEM PRESSURE TEST	VT-2	1,2,3	
C7.40	PIPING	SYSTEM HYDROSTATIC TEST	VT-2	NS*	
C7.50	PUMPS	SYSTEM PRESSURE TEST	VT-2	1,2,3	
C7.60	PUMPS	SYSTEM HYDROSTATIC TEST	VT-2	NS*	
C7.70	VALVES	SYSTEM PRESSURE TEST	VT-2	1,2,3	
C7.80	VALVES	SYSTEM HYDROSTATIC TEST	VT-2	NS*	

* Not Scheduled in Accordance with Code Case N-498

4.0 IWD (CLASS 3) EXAMINATIONS

Class 3 examination categories are identifiable by a 'D' as the first assigned letter and are as follows:

Examination Category	Examination Area (Examination Method)
D-A	Systems in Support of Reactor Shutdown Function (VT-2, VT-3)
D-B	Systems in Support of Emergency Core Cooling, Containment Heat Removal, Atmosphere Cleanup, and Reactor Residual Heat Removal (VT-2, VT-3)
D-C	Systems in Support of Residual Heat Removal from Spent Fuel Storage Pool (VT-2, VT-3)

4.1 Exemptions

The following components are exempted from their respective examination requirements.

1. Integral attachments of supports and restraints to components that are 4 inch NPS and smaller are exempt from visual examination (VT-3).
2. Integral attachments of supports and restraints to components exceeding 4 inch NSP may be exempted from visual examination (VT-3) providing that they meet the following criteria:
 - a. The components are located in systems whose function is not required in support of reactor residual heat removal, containment heat removal, or emergency core cooling; and
 - b. The components operate at a pressure of 275 psig or less and at a temperature of 200°F or less.

4.2 Examination Selection Process

Systems In Support of Reactor Shutdown Function

1. Code Item Number: D1.10
System Pressure Test and System Hydrostatic Test
2. Code Item Number: D1.20
Integral Attachment-Component Supports and Restraints
3. Code Item Number: D1.30
Integral Attachment-Mechanical and Hydraulic Snubbers
4. Code Item Number: D1.40
Integral Attachment-Spring Type Supports

5. Code Item Number: D1.50
Integral Attachment-Constant Load Type Supports
6. Code Item Number: D1.60
Integral Attachment-Shock Absorbers

Systems In Support of Emergency Core Cooling, Containment Heat Removal,
Atmosphere Cleanup, and Reactor Residual Heat Removal

1. Code Item Number: D2.10
System Pressure Test and System Hydrostatic Test
2. Code Item Number: D2.20
Integral Attachment-Component Supports and Restraints
3. Code Item Number: D2.30
Integral Attachment-Mechanical and Hydraulic Snubbers
4. Code Item Number: D2.40
Integral Attachment-Spring Type Supports
5. Code Item Number: D2.50
Integral Attachment-Constant Load Type Supports
6. Code Item Number: D2.60
Integral Attachment-Shock Absorbers

Systems In Support of Residual Heat Removal From Spent Fuel Storage Pool

1. Code Item Number: D3.10
System Pressure Test and System Hydrostatic Test
2. Code Item Number: D3.20
Integral Attachment-Component Supports and Restraints
3. Code Item Number: D3.30
Integral Attachment-Mechanical and Hydraulic Snubbers
4. Code Item Number: D3.40
Integral Attachment-Spring Type Supports
5. Code Item Number: D3.50
Integral Attachment-Constant Load Type Supports
6. Code Item Number: D3.60
Integral Attachment-Shock Absorbers

4.3 Additional Examinations

Additional examinations are required to increase the scope of components being examined to assure similar items do not have a common or generic problem/defect. Additional examination requirements are unique because of the different component selection for examination process.

Examinations revealing indications exceeding the acceptance standards shall be extended to include additional examinations during the outage. The additional examinations shall include an additional number of welds equal to 20% of the original welds scheduled for inspection during the outage.

Additional examinations revealing indications exceeding the acceptance standards shall be further extended to include additional examinations during the outage. The additional examinations shall include all the welds scheduled for examination during the inspection interval.

4.4 Successive Examinations

The components with flaw indications in Class 3 systems qualifying as conditionally acceptable for continued service will be scheduled for re-examination during the next inspection period.

Flaw indication which remain essentially unchanged for the next inspection period will revert to the original schedule of successive inspections.

4.5 Relief Requests

When compliance to Code examination requirements is not achievable, relief from examinations is requested. Inservice Relief Requests (IR) which have been filed with the NRC for components subject to the examination requirements of ASME Section XI, Article IWD are:

IR NO.

IR-021 R-3

IR-027 R-0

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-021, Rev. 3

I. Identification of Components

Class 3, Category D-B, Item D2.20, Integral Attachment: Component supports and restraints. (See attached table for component identification).

II. ASME B&PV Section XI Requirements

Table IWD-2500-1 requires a VT-3 visual examination.

III. Relief Requested

Relief is requested from the required visual examination due to the inaccessibility of the components.

IV. Basis for Relief

The structural integrity of the piping pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III. All welds were inspected in accordance with the appropriate Code requirements. Weld techniques and welders were qualified in accordance with Code requirements and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines.

Complete examinations meeting the requirements of the ASME Code Section XI were performed on integral attachments with similar configurations which utilized the same weld techniques, procedures and materials.

Since the construction and operating conditions of the inaccessible welded attachments are similar to that of welded attachments that were examined, it is reasonable to extend the satisfactory results of the accessible integral attachments to the inaccessible ones.

The pressure boundary passed the required preservice hydrostatic test and first period inservice system pressure tests, and the plant has operated for the total of about 1,541 equivalent full power days between November 1987 and August 1994.

In summary, because of acceptable initial condition, successful examinations of similar components, and successful test and operating experience, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

No.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-021, Rev. 3

<u>ITEM NO.</u>	<u>COMPONENT I.D.</u>	<u>SYS./ISI ISO</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST % COMPLETE</u>
D2.20	1B21-H0050-WA	MAIN STEAM SS-305-605-115	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
D2.20	1B21-H0157-WA	MAIN STEAM SS-305-605-127	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
D2.20	1B21-H0167-WA	MAIN STEAM SS-305-605-126	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
D2.20	1B21-H0179-WA	MAIN STEAM SS-305-605-124	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
1-222 D2.20	1P42-H0221-WA	EMER. CLOSED COOL. SS-305-621-104	WELDED LUGS FOR PIPE SUPPORT	LUGS IN PENETRATION FILLED W/SEALANT	0%
D2.20	1P45-H0643-WA	EMER. SERVICE WTR. SS-305-791-110	WELDED LUGS FOR PIPE SUPPORT	LUGS IN PENETRATION FILLED W/GROUT	0%
D2.20	2P42-H0009-WA	EMER. CLOSED COOL. SS-305-623-106	WELDED LUGS FOR PIPE SUPPORT	TWO OF FOUR LUGS IN PENETRATION FILLED W/SEALANT	75%
D2.20	1B21-H0176-WA	MAIN STEAM SS-305-605-130	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
D2.20	1B21-H0128-WA	MAIN STEAM SS-305-605-129	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
D2.20	1B21-H0156-WA	MAIN STEAM SS-305-605-128	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
D2.20	1B21-H0158-WA	MAIN STEAM SS-305-605-125	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-021, Rev. 3

ITEM NO.	COMPONENT I.D.	SYS./ISI ISO	DESCRIPTION	NATURE OF OBSTRUCTION	EST % COMPLETE
D2.20	1B21-H0173-WA	MAIN STEAM SS-305-605-123	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
D2.20	1B21-H0175-WA	MAIN STEAM SS-305-605-122	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
D2.20	1B21-H0155-WA	MAIN STEAM SS-305-605-112	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
D2.20	1B21-H0168-WA	MAIN STEAM SS-305-605-113	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
1-223 D2.20	1B21-H0120-WA	MAIN STEAM SS-305-605-114	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
D2.20	1B21-H0159-WA	MAIN STEAM SS-305-605-121	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
D2.20	1B21-H0160-WA	MAIN STEAM SS-305-605-120	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
D2.20	1B21-H0186-WA	MAIN STEAM SS-305-605-119	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
D2.20	1B21-H0177-WA	MAIN STEAM SS-305-605-118	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
D2.20	1B21-H0163-WA	MAIN STEAM SS-305-605-117	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
Rev. 3 D2.20	1B21-H0164-WA	MAIN STEAM SS-305-605-116	WELDED LUGS FOR PIPE SUPPORT	UNDERWATER, GEOMETRY	0%
D2.20	1G41-H0396-WA	FUEL POOL CLEANING SS-305-655-114	WELDED LUGS FOR PIPE SUPPORT	LUGS IN PENETRATION FILLED W/SEALANT	0%

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-021, Rev. 3

<u>ITEM NO.</u>	<u>COMPONENT I.D.</u>	<u>SYS./ISI ISO</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST % COMPLETE</u>
D2.20	1P42-H0115-WA	EMER. CLOSED COOL. SS-305-621-107	WELDED LUGS FOR PIPE SUPPORT	TWO OF FOUR LUGS IN PENETRATION FILLED W/SEALANT	50%
D2.20	1P42-H0222-WA	EMER. CLOSED COOL. SS-305-621-104	WELDED LUGS FOR PIPE SUPPORT	LUGS IN PENETRATION FILLED W/SEALANT	0%
D2.20	1P45-H0022-WA	EMER. SERVICE WTR. SS-305-792-106	WELDED STANCHION OF PIPE SUPPORT	STANCHION IN PENETRATION FILLED W/SEALANT	0%
D2.20	1P45-H0049-WA	EMER. SERVICE WTR. SS-305-792-112	WELDED SLEEVE OF PIPE SUPPORT	SLEEVE IN PENETRATION FILLED W/SEALANT	0%
D2.20	1P45-H0127-WA	EMER. SERVICE WTR. SS-305-792-107	WELDED LUGS FOR PIPE SUPPORT	LUGS IN PENETRATION FILLED W/SEALANT	0%
D2.20	1P45-H0191-WA	EMER. SERVICE WTR. SS-305-791-113	WELDED LUGS FOR PIPE SUPPORT	LUGS IN PENETRATION FILLED W/SEALANT	0%
D2.20	1P45-H0271-WA	EMER. SERVICE WTR. SS-305-791-104	WELDED LUGS FOR PIPE SUPPORT	LUGS IN PENETRATION FILLED W/SEALANT	0%
D2.20	1P45-H0417-WA	EMER. SERVICE WTR. SS-305-791-101	WELDED LUGS FOR PIPE SUPPORT	LUGS IN PENETRATION FILLED W/SEALANT	0%
D2.20	2P42-H0024-WA	EMER. CLOSED COOL. SS-305-623-112	WELDED LUGS FOR PIPE SUPPORT	TWO OF SIX LUGS IN PENETRATION FILLED W/SEALANT	66%
D2.20	2P42-H0025-WA	EMER. CLOSED COOL. SS-305-623-110	WELDED LUGS FOR PIPE SUPPORT	TWO OF SIX LUGS IN PENETRATION FILLED W/SEALANT	66%

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Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-021, Rev. 3

<u>ITEM NO.</u>	<u>COMPONENT I.D.</u>	<u>SYS./ISI ISO</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST % COMPLETE</u>
D2.20	1P45-H0649-WA	EMER. SERVICE WTR. SS-305-791-110	WELDED LUGS FOR PIPE SUPPORT	LUGS INSIDE PENETRATION IN LIMITED ACCESS SUMP	0%
D2.20	1P45-H0659-WA	EMER. SERVICE WTR. SS-305-791-110	WELDED LUGS FOR PIPE GUIDE	LUGS INSIDE PENETRATION IN LIMITED ACCESS SUMP	0%
D3.20	1G41-H0427-WA	FUEL POOL CLEANING SS-305-655-116	WELDED SLEEVE OF PIPE ANCHOR	ONE END OF SLEEVE IN WALL PENETRATION FILLED WITH SEALANT	50%
D2.20	1P45-H0365-WA	EMER. SERVICE WTR. SS-305-792-110	WELDED LUGS FOR PIPE GUIDE	2 OF 4 LUGS INSIDE WALL PENETRATION FILLED WITH SEALANT	50%
D2.20	2P45-H0025-WA	EMER. CLOSED COOL. SS-305-623-110	WELDED LUGS FOR PIPE GUIDE	2 OF 6 LUGS INSIDE FLOOR PENETRATION FILLED WITH SEALANT	66%

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Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-027

I. Identification of Components

Class 3, Category D-B, Item D2.20, Integral Attachments: Component supports and restraints. (See attached table for component identification).

II. ASME B&PV Section XI Requirements

Table IWD-2500-1, requires a VT-3, visual examination.

III. Relief Requested

Relief is requested from the required visual examination due to the inaccessibility of the welded attachments.

IV. Basis for Relief

The structural integrity of the pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III. All welds were inspected in accordance with the appropriate Code requirements. Weld techniques and welders were qualified in accordance with Code requirements and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines.

The integrally attached (welded) anchors on the fuel oil day tanks are buried in fire retardant Pyrocrete in order to meet the PNPP fire protection program requirements per 10CFR50 Appendix R, and Branch Technical position APCSB 9.5-1, Appendix A (see PNPP USAR Appendix 9A, Section 90A.5(D)(2)(1)). Pyrocrete is a hard, rigid material. When applied, it is considered as a permanent feature of the system to endure through the life span of the facility. To remove this material from the day tanks would require cutting and chipping.

Complete examinations meeting the requirements of the ASME Code Section XI, Category F-A, have been performed on the accessible portion of two of the day tank component supports. At the time of the support exams, the Pyrocrete covering their integral attachments was examined for any condition which might have indicated their integral attachments were structurally degraded (i.e., severely cracked or missing Pyrocrete, support detached from component, etc.). The examinations produced acceptable results with no visible signs of structural degradation.

The pressure boundary passed the required preservice hydrostatic test and first period system functional pressure tests, and the plant has operated for the total of 1,106 equivalent full power days between November 1987 and March 1992.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-027

In summary, because of acceptable initial conditions, the ability to detect severe degradation of the integral attachments by examination of the Pyrocrete during their component support examinations, and successful test and operating experience, it is concluded that the requested relief would not pose a significant impact on the overall level of plant quality and safety.

V. Alternate Examination

At the time of the scheduled Category F-A visual examinations of the day tank anchors, the Pyrocrete covering their integral attachments will be examined for conditions which could indicate structural degradation of the buried integral attachment welds.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-027

<u>ITEM NO.</u>	<u>COMPONENT I.D.</u>	<u>SYS./ISI ISO</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST % COMPLETE</u>
D2.20	1R45-A003A-WA	STANDBY & HPCS DIESEL FUEL OIL SS-305-355-110	INTEGRALLY ATTACHED ANCHOR OF DIV 1 DIESEL FUEL OIL DAY TANK	BURIED IN PYROCRETE	0%
D2.20	1R45-A003B-WA	STANDBY & HPCS DIESEL FUEL OIL SS-305-355-111	INTEGRALLY ATTACHED ANCHOR OF DIV 2 DIESEL FUEL OIL DAY TANK	BURIED IN PYROCRETE	0%
D2.20	1R45-A005-WA	STANDBY & HPCS DIESEL FUEL OIL SS-305-356-101	INTEGRALLY ATTACHED ANCHOR OF DIV 2 DIESEL FUEL OIL DAY TANK	BURIED IN PYROCRETE	0%

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4.6 Inservice Examination Table

This section contains the listing of all Class 3 components subject to the examination requirements of ASME Section XI, Article IWD. This listing is for reference purposes only. The actual components scheduled for examinations are presented to management for approval 60 days prior to commencing a scheduled refueling outage.

The information presented in the tables are defined below:

1. EXAMINATION CATEGORY - The basis for organizing components subject to examination.
2. ITEM NO. - A division within an examination category which separates the specific examination requirements.
3. MARK NO. - A unique identification number assigned to each weld or component.
4. COMPONENT DESCRIPTION - A brief description used to identify the weld or component.
5. EXAM METHOD - This abbreviation identifies the unique non-destructive examination method(s) required for the weld or component. The abbreviations used in this listing are as follows:

VT-1	-	Visual Examination for Surface Conditions
VT-2	-	Visual Examination for Leakage
VT-3	-	Visual Examination for General Conditions

6. PERIOD SCHED. - This column identifies the inspection period which the weld or component is tentatively scheduled to receive examination. Normally there will be 2 refueling outages within each period. Scheduled examinations can be completed in either of the refueling outages as appropriate to facilitate other outage activities, but must be completed by the end of the period. The period scheduled can be either 1, 2, 3, or any combination of these numbers. For those welds or components not scheduled for examination, the letters "NS" will be inserted in place of an inspection period. An asterisk(s) in the schedule column denotes a scheduling peculiarity which will be explained at the end of the applicable category. Integral attachments which have been examined, but due to program changes (e.g., revision to corresponding component supports selected for examination) are not to be credited toward ASME completion percentages, will have parentheses around the period scheduled.

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: D-A					
D1.10		SYSTEM PRESSURE TEST	VT-2	1,2	
D1.10		SYSTEM HYDROSTATIC TEST	VT-2	3	
D1.20		NOT APPLICABLE TO PNPP			
D1.40		NOT APPLICABLE TO PNPP			
D1.50		NOT APPLICABLE TO PNPP			
D1.60		NOT APPLICABLE TO PNPP			
EXAMINATION CATEGORY: D-B					
D2.10		SYSTEM PRESSURE TEST	VT-2	1,2	
D2.10		SYSTEM HYDROSTATIC TEST	VT-2	3	
D2.20	1B21-B0101A-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	605-128
D2.20	1B21-B0101B-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	605-112
D2.20	1B21-B0101C-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	605-122
D2.20	1B21-B0101D-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	605-116
D2.20	1B21-B0102B-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	605-120
D2.20	1B21-B0102C-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	605-127
D2.20	1B21-B0103B-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	605-121
D2.20	1B21-B0103C-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	605-125
D2.20	1B21-H0001-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	1	605-128
D2.30	1B21-H0006-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	605-128
D2.30	1B21-H0007-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-128
D2.30	1B21-H0010-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	605-127
D2.20	1B21-H0011-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	605-127
D2.30	1B21-H0013-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	605-127
D2.20	1B21-H0016-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	1	605-125
D2.30	1B21-H0020-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	605-125

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Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: D-B					
D2.30	1B21-H0021-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	605-125
D2.30	1B21-H0023-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	605-125
D2.30	1B21-H0025-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-113
D2.20	1B21-H0026-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	605-121
D2.30	1B21-H0029-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-121
D2.30	1B21-H0031-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-121
D2.20	1B21-H0035-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	605-120
D2.30	1B21-H0042-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	605-120
D2.20	1B21-H0044-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	605-115
D2.30	1B21-H0045-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-115
D2.30	1B21-H0047-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	605-115
D2.30	1B21-H0049-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	605-115
D2.20	1B21-H0050-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-115
D2.20	1B21-H0052-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	605-130
D2.40	1B21-H0053-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	3	605-130
D2.30	1B21-H0054-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	605-130
D2.30	1B21-H0056-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-130
D2.30	1B21-H0057-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-130
D2.20	1B21-H0061-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	605-117
D2.30	1B21-H0063-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	605-117
D2.30	1B21-H0065-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	605-117
D2.30	1B21-H0069-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-113
D2.20	1B21-H0070-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	605-116
D2.30	1B21-H0073-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	605-116
D2.30	1B21-H0074-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-116
D2.30	1B21-H0079-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-116
D2.20	1B21-H0080-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	605-118
D2.30	1B21-H0084-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	605-118
D2.30	1B21-H0086-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-118
D2.30	1B21-H0087-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-113
D2.20	1B21-H0088-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	1	605-114
D2.20	1B21-H0090-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	605-113
D2.30	1B21-H0092-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-114
D2.30	1B21-H0095-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	605-114
D2.20	1B21-H0097-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	1	605-123

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Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: D-B					
D2.30	1B21-H0098-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	605-123
D2.20	1B21-H0105-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	605-124
D2.30	1B21-H0106-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-123
D2.30	1B21-H0107-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	605-123
D2.20	1B21-H0109-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	605-122
D2.30	1B21-H0115-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-122
D2.40	1B21-H0116-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	1	605-122
D2.30	1B21-H0117-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-122
D2.30	1B21-H0119-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-122
D2.20	1B21-H0120-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-114
D2.20	1B21-H0121-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	605-129
D2.30	1B21-H0122-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	605-129
D2.30	1B21-H0125-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	605-129
D2.30	1B21-H0127-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-129
D2.20	1B21-H0128-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-129
D2.30	1B21-H0129-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-119
D2.40	1B21-H0132-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	3	605-124
D2.30	1B21-H0133-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-127
D2.20	1B21-H0134-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	1	605-127
D2.30	1B21-H0135-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	605-127
D2.30	1B21-H0138-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	605-126
D2.30	1B21-H0140-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-126
D2.30	1B21-H0141-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	605-126
D2.20	1B21-H0142-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	605-112
D2.30	1B21-H0143-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	605-124
D2.30	1B21-H0147-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	605-124
D2.40	1B21-H0149-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	1	605-112
D2.30	1B21-H0150-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	605-112
D2.30	1B21-H0151-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	605-112
D2.30	1B21-H0153-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	605-112
D2.30	1B21-H0154-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-112
D2.20	1B21-H0155-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-112
D2.20	1B21-H0156-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-128
D2.20	1B21-H0157-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-127
D2.20	1B21-H0158-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-125

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: D-B					
D2.20	1B21-H0159-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-121
D2.20	1B21-H0160-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	NS*	605-120
D2.20	1B21-H0161-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	605-124
D2.30	1B21-H0162-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-124
D2.20	1B21-H0163-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-117
D2.20	1B21-H0164-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-116
D2.30	1B21-H0165-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	605-121
D2.30	1B21-H0166-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-114
D2.20	1B21-H0167-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-126
D2.20	1B21-H0168-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-113
D2.30	1B21-H0170-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	605-124
D2.20	1B21-H0171-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	605-126
D2.20	1B21-H0173-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-123
D2.30	1B21-H0174-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	605-122
D2.20	1B21-H0175-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-122
D2.20	1B21-H0176-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-130
D2.20	1B21-H0177-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-118
D2.30	1B21-H0178-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-120
D2.20	1B21-H0179-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-124
D2.20	1B21-H0180-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	605-119
D2.30	1B21-H0181-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	605-119
D2.20	1B21-H0186-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-119
D2.30	1B21-H0187-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-120
D2.30	1B21-H0191-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	605-118
D2.20	1B21-H0192-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	605-118
D2.20	1B21-H0203-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	605-116
D2.20	1B21-H0204-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	605-130
D2.20	1B21-H0205-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	605-129
D2.20	1B21-H0206-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	605-128
D2.20	1B21-H0207-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	605-127
D2.20	1B21-H0208-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	605-125
D2.20	1B21-H0209-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	605-124
D2.20	1B21-H0210-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	605-126
D2.20	1B21-H0211-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	605-123

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: D-B					
D2.20	1B21-H0212-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	605-122
D2.20	1B21-H0213-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	605-112
D2.20	1B21-H0214-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	605-113
D2.20	1B21-H0215-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	605-114
D2.20	1B21-H0216-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	605-115
D2.20	1B21-H0217-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	605-121
D2.20	1B21-H0218-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	605-120
D2.20	1B21-H0219-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	605-119
D2.20	1B21-H0220-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	605-118
D2.20	1B21-H0221-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	605-117
D2.30	1B21-H0222-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-119
D2.40	1B21-H0409-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	3	605-125
D2.30	1B21-H0412-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	605-121
D2.40	1B21-H0413-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	1	605-121
D2.40	1B21-H0416-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	1	605-115
D2.40	1B21-H0419-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	3	605-118
D2.40	1B21-H0420-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	1	605-112
D2.40	1B21-H0428-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	2	605-113
D2.40	1B21-H0433-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	3	605-129
D2.40	1B21-H0437-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	1	605-128
D2.40	1B21-H0439-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	3	605-117
D2.20	1B21-QUE-01-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F041A	VT-3	1	605-128
D2.20	1B21-QUE-02-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F041B	VT-3	2	605-113
D2.20	1B21-QUE-03-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F041C	VT-3	1	605-122
D2.20	1B21-QUE-04-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F041D	VT-3	2	605-118
D2.20	1B21-QUE-05-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F041E	VT-3	2	605-130
D2.20	1B21-QUE-06-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F041F	VT-3	3	605-115
D2.20	1B21-QUE-07-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F041G	VT-3	3	605-125
D2.20	1B21-QUE-08-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F041K	VT-3	1	605-120
D2.20	1B21-QUE-09-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F047B	VT-3	1	605-112
D2.20	1B21-QUE-10-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F047C	VT-3	3	605-126
D2.20	1B21-QUE-11-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F047D	VT-3	2	605-119
D2.20	1B21-QUE-12-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F047F	VT-3	2	605-121
D2.20	1B21-QUE-13-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F047G	VT-3	3	605-127

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-	
EXAMINATION CATEGORY: D-B						
D2.20	1B21-QUE-14-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F047H	VT-3	2	605-117	
D2.20	1B21-QUE-15-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F051A	VT-3	2	605-129	
D2.20	1B21-QUE-16-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F051B	VT-3	3	605-114	
D2.20	1B21-QUE-17-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F051C	VT-3	1	605-123	
D2.20	1B21-QUE-18-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F051D	VT-3	3	605-116	
D2.20	1B21-QUE-19-WA	INTEGRAL ATTACHMENT QUENCHER ANCHOR, F051G	VT-3	3	605-124	
D2.30	1E12-H0060-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	642-149	
D2.40	1E12-H0061-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	2	642-149	
D2.20	1E12-H0062-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	642-149	
D2.20	1E12-H0573-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	642-149	
1-235	D2.20	1E22-D008-WA	INTEGRAL ATTACHMENT EXHAUST SILENCE SUPPORT ANCHOR	VT-3	2	355-101
	D2.20	1E22-H0132-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	355-101
	D2.20	1E22-H0133-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	355-101
	D2.40	1E22-H0136-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	2	355-101
	D2.40	1E22-H0138-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	2	355-101
	D2.40	1E22-H0139-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	2	355-101
	D2.20	1E22-S001-WA	JACKET WATER HEAT EXCHANGER VESSEL ANCHOR	VT-3	2	791-101
	D2.20	1E22-S004A-WA	INTEGRAL ATTACHMENT AIR RECIEVER TANK SUPPORT ANCHOR	VT-3	(2)	351-101
	D2.20	1E22-S004B-WA	INTEGRAL ATTACHMENT AIR RECIEVER TANK SUPPORT ANCHOR	VT-3	3	351-101
	D2.20	1P42-A001A-WA	INTEGRAL ATTACHMENT SURGE TANK ANCHOR	VT-3	1	621-113
D2.20	1P42-A001B-WA	INTEGRAL ATTACHMENT SURGE TANK ANCHOR	VT-3	(2)	621-113	
D2.20	1P42-B001A-WA	INTEGRAL ATTACHMENT HEAT EXCHANGER ANCHOR	VT-3	1	621-112	
D2.20	1P42-B001B-WA	INTEGRAL ATTACHMENT HEAT EXCHANGER ANCHOR	VT-3	NS	621-112	
D2.20	1P42-C001A-WA	INTEGRAL ATTACHMENT PUMP ANCHOR	VT-3	2	4549-22-043-2	
D2.20	1P42-C001B-WA	INTEGRAL ATTACHMENT PUMP ANCHOR	VT-3	NS	4549-22-043-2	
D2.20	1P42-H0102-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	1	621-106	
D2.20	1P42-H0108-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	621-108	
D2.20	1P42-H0110-WA	INTEGRAL ATTACHMENT RIGID ROD	VT-3	2	621-106	
D2.20	1P42-H0111-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	621-106	
D2.40	1P42-H0112-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	3	621-106	

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Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: D-B					
D2.20	1P42-H0115-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	1	621-107
D2.40	1P42-H0120-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	3	621-106
D2.20	1P42-H0122-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	1	621-106
D2.20	1P42-H0123-WA	INTEGRAL ATTACHMENT RIGID ROD	VT-3	2	621-107
D2.20	1P42-H0148-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	621-109
D2.20	1P42-H0161-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	2	621-111
D2.20	1P42-H0162-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	2	621-111
D2.20	1P42-H0171-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	621-107
D2.20	1P42-H0191-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	621-101
D2.20	1P42-H0210-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	621-103
D2.30	1P42-H0213-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	621-103
D2.20	1P42-H0219-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	621-109
D2.20	1P42-H0221-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	621-104
D2.20	1P42-H0222-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	621-104
D2.20	1P42-H0234-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	621-105
D2.20	1P42-H0236-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	621-103
D2.20	1P42-H0239-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	621-103
D2.20	1P42-H0240-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	621-103
D2.20	1P42-H0241-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	621-104
D2.20	1P42-H0242-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	621-104
D2.20	1P45-C001A-WA	INTEGRAL ATTACHMENT PUMP ANCHOR	VT-3	1	791-108
D2.20	1P45-C001B-WA	INTEGRAL ATTACHMENT PUMP ANCHOR	VT-3	(1)	791-109
D2.20	1P45-C002-WA	INTEGRAL ATTACHMENT PUMP ANCHOR	VT-3	2	791-107
D2.20	1P45-D002A-WA	INTEGRAL ATTACHMENT FILTER ANCHOR	VT-3	2	791-108
D2.20	1P45-D002B-WA	INTEGRAL ATTACHMENT FILTER ANCHOR	VT-3	NS	791-109
D2.20	1P45-D003-WA	INTEGRAL ATTACHMENT FILTER ANCHOR	VT-3	3	791-107
D2.20	1P45-H0020-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	742-103
D2.20	1P45-H0021-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	742-103
D2.20	1P45-H0022-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	NS*	792-106
D2.20	1P45-H0033-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	792-105
D2.20	1P45-H0034-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	792-106
D2.20	1P45-H0035-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	792-117
D2.20	1P45-H0047-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	792-116
D2.20	1P45-H0048-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	1	792-115

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: D-B					
D2.20	1P45-H0049-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	NS*	792-112
D2.20	1P45-H0060-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	792-112
D2.20	1P45-H0070-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	1	792-112
D2.40	1P45-H0071-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	1	792-113
D2.20	1P45-H0077-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	792-113
D2.20	1P45-H0089-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	792-118
D2.30	1P45-H0097-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	791-111
D2.20	1P45-H0100-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	791-111
D2.20	1P45-H0123-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	792-108
D2.30	1P45-H0124-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	792-107
D2.20	1P45-H0127-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	NS*	792-107
D2.20	1P45-H0128-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	792-107
D2.20	1P45-H0159-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	792-104
D2.20	1P45-H0169-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	792-104
D2.20	1P45-H0170-WA	INTEGRAL ATTACHMENT RIGID ROD	VT-3	2	791-106
D2.20	1P45-H0172-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	1	791-106
D2.40	1P45-H0175-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	3	791-106
D2.30	1P45-H0183-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	791-106
D2.30	1P45-H0186-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	791-106
D2.20	1P45-H0189-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	791-106
D2.20	1P45-H0191-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	791-113
D2.20	1P45-H0210-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	791-113
D2.20	1P45-H0212-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	791-112
D2.20	1P45-H0215-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	791-112
D2.30	1P45-H0216-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	791-112
D2.30	1P45-H0222-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	791-112
D2.20	1P45-H0226-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	791-112
D2.20	1P45-H0229-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	791-112
D2.20	1P45-H0232-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	1	791-103
D2.20	1P45-H0243-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	791-102
D2.20	1P45-H0256-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	791-103
D2.20	1P45-H0271-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	791-104
D2.40	1P45-H0272-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	3	791-104
D2.20	1P45-H0273-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	791-104
D2.20	1P45-H0274-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	791-105

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: D-B					
D2.40	1P45-H0277-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	1	791-105
D2.20	1P45-H0287-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	791-105
D2.20	1P45-H0293-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	792-109
D2.20	1P45-H0294-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	2	792-109
D2.20	1P45-H0297-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	2	792-109
D2.20	1P45-H0298-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	1	792-109
D2.20	1P45-H0308-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	792-114
D2.20	1P45-H0309-WA	INTEGRAL ATTACHMENT RIGID ROD	VT-3	3	792-309
D2.20	1P45-H0312-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	1	792-115
D2.20	1P45-H0313-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	1	792-115
D2.30	1P45-H0353-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	792-104
D2.20	1P45-H0357-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	792-103
D2.20	1P45-H0365-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	2	792-110
D2.20	1P45-H0369-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	792-110
D2.20	1P45-H0374-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	792-111
D2.20	1P45-H0382-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	792-102
D2.20	1P45-H0386-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	792-102
D2.20	1P45-H0388-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	1	792-101
D2.20	1P45-H0389-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	792-111
D2.20	1P45-H0395-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	791-105
D2.30	1P45-H0413-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	791-101
D2.20	1P45-H0417-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	791-101
D2.30	1P45-H0422-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	791-102
D2.20	1P45-H0428-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	791-102
D2.20	1P45-H0431-WA	INTEGRAL ATTACHMENT RIGID ROD	VT-3	1	791-102
D2.30	1P45-H0509-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	792-111
D2.30	1P45-H0510-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	792-114
D2.30	1P45-H0511-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	792-114
D2.30	1P45-H0512-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	792-111
D2.20	1P45-H0515-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	792-114
D2.30	1P45-H0516-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	792-111
D2.30	1P45-H0521-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	792-101
D2.30	1P45-H0526-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	792-101
D2.20	1P45-H0625-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	791-101

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: D-B					
D2.20	1P45-H0643-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	791-110
D2.20	1P45-H0648-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	791-110
D2.20	1P45-H0649-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	791-110
D2.20	1P45-H0654-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	791-110
D2.20	1P45-H0656-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	791-110
D2.20	1P45-H0659-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	791-110
D2.20	1P45-H5000-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	1	791-105
D2.20	1P45-H5002-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	791-106
D2.20	1P45-H5003-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	791-112
D2.20	1P47-A002A-WA	INTEGRAL ATTACHMENT EXPANSION TANK ANCHOR	VT-3	2	002-115
D2.20	1P47-A002B-WA	INTEGRAL ATTACHMENT EXPANSION TANK ANCHOR	VT-3	NS	002-115
D2.20	1P47-B001A-WA	INTEGRAL ATTACHMENT CHILLER ANCHOR	VT-3	1	002-116
D2.20	1P47-B001B-WA	INTEGRAL ATTACHMENT CHILLER ANCHOR	VT-3	(1)	002-116
D2.20	1P47-B001C-WA	INTEGRAL ATTACHMENT CHILLER ANCHOR	VT-3	(2)	002-116
D2.20	1P47-C001A-WA	INTEGRAL ATTACHMENT PUMP ANCHOR	VT-3	2	002-117
D2.20	1P47-C001B-WA	INTEGRAL ATTACHMENT PUMP ANCHOR	VT-3	NS	002-117
D2.20	1P47-C001C-WA	INTEGRAL ATTACHMENT PUMP ANCHOR	VT-3	NS	002-117
D2.20	1P47-H0001-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	1	002-101
D2.20	1P47-H0002-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	1	002-101
D2.20	1P47-H0014-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	002-101
D2.20	1P47-H0015-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	002-101
D2.20	1P47-H0016-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	002-102
D2.20	1P47-H0019-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	002-102
D2.20	1P47-H0021-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	2	002-107
D2.20	1P47-H0029-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	2	002-108
D2.20	1P47-H0030-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	2	002-109
D2.20	1P47-H0031-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	002-103
D2.20	1P47-H0031-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	1	002-103
D2.20	1P47-H0034-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	002-103
D2.20	1P47-H0043-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	002-107
D2.20	1P47-H0046-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	002-110
D2.20	1P47-H0215-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	002-103
D2.20	1P47-H0218-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	002-103
D2.20	1P47-H0219-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	1	002-113

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: D-B					
D2.20	1P47-H0220-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	1	002-107
D2.20	1P47-H0221-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	002-105
D2.20	1P47-H0222-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	002-102
D2.30	1P47-H0278-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	002-103
D2.30	1P47-H0279-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	002-113
D2.20	1P47-H0286-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	002-105
D2.20	1P47-H0287-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	002-110
D2.20	1P47-H0348-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	002-104
D2.20	1P47-H0349-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	002-113
D2.20	1P47-H0357-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	002-105
D2.20	1P47-H0358-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	002-111
D2.40	1P47-H0378-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	1	002-109
D2.40	1P47-H0379-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	2	002-109
D2.40	1P47-H0380-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	2	002-108
D2.40	1P47-H0381-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	3	002-108
D2.40	1P47-H0382-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	3	002-107
D2.20	OP49-C002A-WA	INTEGRAL ATTACHMENT SCREEN WASH PUMP ANCHOR	VT-3	3	214-101
D2.20	OP49-C002B-WA	INTEGRAL ATTACHMENT SCREEN WASH PUMP ANCHOR	VT-3	(1)	214-102
D2.20	OP49-D003A-WA	INTEGRAL ATTACHMENT SCREEN WASH STRAINER ANCHOR	VT-3	2	214-101
D2.20	OP49-D003B-WA	INTEGRAL ATTACHMENT SCREEN WASH STRAINER ANCHOR	VT-3	NS	214-102
D2.20	1P57-A003A-WA	INTEGRAL ATTACHMENT ADS SAFETY-RELATED AIR STORAGE TANK A	VT-3	1	271-101
D2.20	1P57-A003B-WA	INTEGRAL ATTACHMENT ADS SAFETY-RELATED AIR STORAGE TANK B	VT-3	(2)	271-101
D2.20	1R44-A001A-WA	INTEGRAL ATTACHMENT STARTING AIR RECEIVER TANK ANCHOR	VT-3	3	351-102
D2.20	1R44-A001B-WA	INTEGRAL ATTACHMENT STARTING AIR RECEIVER TANK ANCHOR	VT-3	(1)	351-104
D2.20	1R44-A002A-WA	INTEGRAL ATTACHMENT STARTING AIR RECEIVER TANK ANCHOR	VT-3	2	351-103
D2.20	1R44-A002B-WA	INTEGRAL ATTACHMENT STARTING AIR RECEIVER TANK ANCHOR	VT-3	NS	351-105
D2.20	1R45-A003A-WA	INTEGRAL ATTACHMENT FUEL OIL DAY TK ANCHOR	VT-3	3	355-110
D2.20	1R45-A003B-WA	INTEGRAL ATTACHMENT FUEL OIL DAY TK ANCHOR	VT-3	(1)	355-111
D2.20	1R45-A005-WA	INTEGRAL ATTACHMENT HPCS FUEL OIL DAY TANK ANCHOR	VT-3	2	356-101
D2.20	1R46-A003A-WA	INTEGRAL ATTACHMENT JACKET WATER STAND PIPE ANCHOR	VT-3	3	354-105

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: D-B					
D2.20	1R46-A003B-WA	INTEGRAL ATTACHMENT JACKET WATER STAND PIPE ANCHOR	VT-3	(1)	354-106
D2.20	1R46-B001A-WA	INTEGRAL ATTACHMENT LUBE OIL HEAT EXCHANGER ANCHOR	VT-3	2	354-101
D2.20	1R46-B001B-WA	INTEGRAL ATTACHMENT LUBE OIL HEAT EXCHANGER ANCHOR	VT-3	NS	354-102
D2.20	1R46-B002A-WA	INTEGRAL ATTACHMENT LUBE OIL HEAT EXCHANGER ANCHOR	VT-3	1	354-103
D2.20	1R46-B002B-WA	INTEGRAL ATTACHMENT LUBE OIL HEAT EXCHANGER ANCHOR	VT-3	(2)	354-104
D2.20	1R47-A001A-WA	INTEGRAL ATTACHMENT LUBE OIL TANK ANCHOR	VT-3	3	353-103
D2.20	1R47-A001B-WA	INTEGRAL ATTACHMENT LUBE OIL TANK ANCHOR	VT-3	(1)	353-104
D2.20	1R47-D005A-WA	INTEGRAL ATTACHMENT FILTER ANCHOR	VT-3	2	353-105
D2.20	1R47-D005B-WA	INTEGRAL ATTACHMENT FILTER ANCHOR	VT-3	NS	353-106
D2.20	1R47-D006A-WA	INTEGRAL ATTACHMENT WARM FILTER ANCHOR	VT-3	1	353-101
D2.20	1R47-D006B-WA	INTEGRAL ATTACHMENT WARM FILTER ANCHOR	VT-3	(2)	353-102
D2.20	1R48-D001A-WA	INTEGRAL ATTACHMENT STANDBY DIESEL SILENCER ANCHOR	VT-3	(2)	355-105
D2.20	1R48-D001B-WA	INTEGRAL ATTACHMENT STANDBY DIESEL SILENCER ANCHOR	VT-3	3	355-104
D2.20	1R48-D002A-WA	INTEGRAL ATTACHMENT STANDBY DIESEL SILENCER ANCHOR	VT-3	(2)	355-103
D2.20	1R48-D002B-WA	INTEGRAL ATTACHMENT STANDBY DIESEL SILENCER ANCHOR	VT-3	3	355-102
D2.20	1R48-D003A-WA	INTEGRAL ATTACHMENT STANDBY DIESEL SILENCER ANCHOR	VT-3	(2)	355-103
D2.20	1R48-D003B-WA	INTEGRAL ATTACHMENT STANDBY DIESEL SILENCER ANCHOR	VT-3	3	355-102
D2.20	1R48-H0005-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	1	355-103
D2.20	1R48-H0006-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	1	355-103
D2.20	1R48-H0011-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	1	355-103
D2.20	1R48-H0012-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	1	355-103
D2.20	1R48-H0013-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	355-102
D2.20	1R48-H0018-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	355-102
D2.20	1R48-H0019-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	355-102
D2.20	1R48-H0024-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	355-102
D2.30	1R48-H0027-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	355-105
D2.30	1R48-H0034-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	355-104
D2.40	1R48-H0041-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	2	355-105
D2.40	1R48-H0042-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	3	355-104
D2.20	1R48-H0045-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	355-106
D2.20	1R48-H0047-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	2	355-106

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: D-B					
D2.20	1R48-H0050-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	2	355-107
D2.20	1R48-H0052-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	2	355-107
D2.20	2P42-H0009-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	1	623-106
D2.20	2P42-H0010-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	1	623-107
D2.20	2P42-H0018-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	623-106
D2.20	2P42-H0020-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	623-107
D2.20	2P42-H0024-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	2	623-112
D2.20	2P42-H0025-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	623-110
D2.20	2P42-H0026-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	623-110
D2.20	2P42-H0039-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	623-101
D2.20	2P42-H0044-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	623-111
D2.30	2P42-H0050-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	623-112
D2.20	2P42-H0143-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	1	623-108
D2.20	2P42-H0146-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	623-108
D2.20	2P42-H0148-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	623-104
D2.20	2P42-H0153-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	623-103
D2.20	2P42-H0265-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	623-104
D2.20	2P42-H0273-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	623-108

*NOT SCHEDULED DUE TO INACCESSIBILITY (SEE RELIEF REQUEST IR-021)

EXAMINATION CATEGORY: D-C

D3.10		SYSTEM PRESSURE TEST	VT-2	1,2	
D3.10		SYSTEM HYDROSTATIC TEST	VT-2	3	
D3.20	1G41-A002A-WA	INTEGRAL ATTACHMENT, SURGE TANK ANCHOR	VT-3	1	655-118
D3.20	1G41-A002B-WA	INTEGRAL ATTACHMENT, SURGE TANK ANCHOR	VT-3	(2)	655-119
D3.20	1G41-B001A-WA	INTEGRAL ATTACHMENT, HEAT EXCHANGER ANCHOR	VT-3	3	654-108
D3.20	1G41-B001B-WA	INTEGRAL ATTACHMENT, HEAT EXCHANGER ANCHOR	VT-3	(1)	654-108
D3.20	1G41-H0013-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	655-117
D3.20	1G41-H0026-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	655-117
D3.40	1G41-H0038-WA	INTEGRAL ATTACHMENT VARIABLE SPRING	VT-3	2	655-110
D3.20	1G41-H0041-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	655-110
D3.20	1G41-H0045-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	655-110
D3.20	1G41-H0054-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	655-107

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: D-C					
D3.30	1G41-H0070-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	654-101
D3.20	1G41-H0129-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	1	655-108
D3.20	1G41-H0139-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	655-108
D3.20	1G41-H0184-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	655-108
D3.20	1G41-H0221-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	1	651-101
D3.30	1G41-H0228-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	655-111
D3.30	1G41-H0236-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	655-111
D3.30	1G41-H0238-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	1	655-112
D3.30	1G41-H0242-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	655-109
D3.20	1G41-H0244-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	655-112
D3.20	1G41-H0273-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	654-107
D3.20	1G41-H0275-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	654-107
D3.20	1G41-H0281-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	2	651-103
D3.20	1G41-H0309-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	654-103
D3.20	1G41-H0316-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	2	654-102
D3.20	1G41-H0396-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	NS*	655-114
D3.20	1G41-H0404-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	655-105
D3.20	1G41-H0415-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	654-103
D3.20	1G41-H0425-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	3	654-102
D3.20	1G41-H0427-WA	INTEGRAL ATTACHMENT ANCHOR	VT-3	2	655-116
D3.20	1G41-H0429-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	3	651-102
D3.20	1G41-H0481-WA	INTEGRAL ATTACHMENT RIGID STRUT	VT-3	2	654-105
D3.30	1G41-H5001-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	655-108
D3.20	1G42-H0005-WA	INTEGRAL ATTACHMENT RIGID GUIDE	VT-3	3	655-101
D3.30	1G42-H0010-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	2	655-101
D3.30	1G42-H0013-WA	INTEGRAL ATTACHMENT MECHANICAL SNUBBER	VT-3	3	655-101

* Not Scheduled Due to Inaccessibility (See Relief Request IR-021).

5.0 COMPONENT SUPPORTS

This section encompasses metal supports and structural elements that are designed to transmit loads, support the weight and/or provide structural stability to components and piping.

Support Types

The examination requirements apply to the following type of supports:

1. Plate and shell type supports are those which are fabricated from plate and shell elements, such as vessel skirts and saddles, and are normally subjected to a biaxial stress.
2. Linear type supports are those acting under essentially a single component of direct stress. These elements may also be subjected to shear stress. Examples of such structural elements are tension and compression struts, beams and columns subjected to bending, trusses, frames, arches, rings, and cables.
3. Component standard supports are those supports consisting of one or more generally mass-produced units usually referred to as catalog items.

This document divides the support types into the following groups.

1. Anchors
2. Rigid Rods
3. Rigid Guides
4. Rigid Struts
5. Variable Spring - Supports
6. Mechanical/Hydraulic Snubbers

Section XI organizes component supports into three categories: F-A, F-B, and F-C. However, Code Case N-491 has been incorporated into the ISEP and combines these categories into one, designated F-A. In accordance with Code Case N-491 and the support groups indentified above, category F-A has been broken down by class and group, assigning item numbers as follows:

<u>Item Number</u>	<u>Description</u>
F1.1A	Class 1 piping anchors
F1.1E	Class 1 piping supports exempt from examination (i.e., inside penetration guard pipes)
F1.1G	Class 1 piping guides
F1.1R	Class 1 piping rigid rods

<u>Item Number</u>	<u>Description</u>
F1.1SN	Class 1 piping snubbers
F1.1SP	Class 1 piping spring supports
F1.1ST	Class 1 piping rigid struts
F1.2A	Class 2 piping anchors
F1.2E	Class 2 piping supports exempt from examination (i.e., inside penetration guard pipe or located on piping which does not require surface, volumetric, VT-1 or VT-3 examinations)
F1.2G	Class 2 piping guides
F1.2R	Class 2 piping rigid rods
F1.2SN	Class 2 piping snubbers
F1.2SP	Class 2 piping spring supports
F1.2ST	Class 2 piping rigid struts
F1.3A	Class 3 piping anchors
F1.3G	Class 3 piping guides
F1.3R	Class 3 piping rigid rods
F1.3SN	Class 3 piping snubbers
F1.3SP	Class 3 piping spring supports
F1.3ST	Class 3 piping rigid struts
F1.40	Class 1, 2 and 3 non-piping component supports
F1.50	Augmented piping supports

5.1 Support Selection and Exemptions

In accordance with Code Case N-491, component supports exempt from examination are those connected to components and items exempted from examination under IWB-1220, IWC-1220, and IWD-1220. In addition, portions of supports that are inaccessible by being buried underground, encased in concrete, or encapsulated by guard pipe are also exempt.

In accordance with Code Case N-491, component supports to be examined shall be the supports of those components that are required to be examined under IWB-2500, IWC-2500 and IWD-2500 by volumetric, surface, or visual (VT-1 or VT-3) examination methods. Of these, 25% of the Class 1 piping, 15% of the Class 2 piping, 10% of the Class 3 piping, and 100% of the non-piping supports are selected (i.e., scheduled) for examination. For non-piping supports on multiple components of similar design, function, and service, the supports of only one of the multiple components are selected.

NOTE 1: Code Case N-408-2 provides alternate rules for the examination of Class 2 piping. These alternate rules provide exemptions for piping and components on open ended piping of any size, and in addition it does not require examinations on piping welds that are less than .375 wall thickness. Therefore, examination of supports on piping which is less than .375 wall is not required. Supports that are affected by the code case are identified in the table.

5.2 Additional Examinations

When the allowable acceptance standards are exceeded for a component support examination, the following additional examinations are required:

1. Examination of component supports immediately adjacent to those requiring corrective action.
2. Examination of additional supports within the system, equal in number and of the same type and function to those scheduled for examination during the inspection period.

If any of the additional examinations require corrective measures, the remaining supports within the system of the same type and function shall be examined. If these further additional examinations require corrective measures, examinations shall be extended to include all nonexempt supports potentially subject to the same failure modes that required corrective measures, including component supports in other systems when non-system-related failure modes are indicated. Also, exempt component supports that could be affected by the same observed failure mode and could affect nonexempt components shall be examined.

5.3 Successive Examinations

Component supports requiring corrective measures shall be re-examined during the next inspection period.

Re-examinations which do not require corrective measures may revert to the original schedule of successive inspections.

5.4 Relief Requests

When compliance to Code examination requirements is not achievable, relief from examinations is requested. Inservice Relief Requests (IR) which have been filed with the NRC for components subject to the examination requirements of ASME Section XI, Article IWF are:

IR No.

IR-022 R-3

NOTE:

Upon incorporation of Code Case N-491 into the Inservice Examination Program, the relief requested in IR-022 is no longer necessary. IR-022 requested relief from examining inaccessible supports based upon 100% examination of non-exempt supports, whereas, Code Case N-491 only requires a percentage of the non-exempt supports to be examined. The required percentages are easily met without examining the component supports listed in the Relief Request. The Relief Request need not be withdrawn, but will not be re-submitted for the second 10 year interval.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-022, REV 3

I. Identification of Components

Class 3, Category F-A, Item F3.10, Component Supports. (See attached table for component identification).

II. ASME B&PV Section XI Requirements

Table IWF-2500-1, requires a VT-3, visual examination.

III. Relief Requested

Relief is requested on that portion of the component that cannot be subjected to the required visual examination. (See attached table for amount of component that is accessible).

IV. Basis for Relief

The structural integrity of the piping pressure boundary was demonstrated during construction by meeting the requirements of the ASME Code Section III. All support were inspected in accordance with the appropriate Code requirements. Weld techniques and welders were qualified in accordance with Code requirements and materials were purchased and traced in accordance with the appropriate Code and NRC requirements and guidelines.

Complete examinations meeting the requirements of the ASME Code Section XI are performed on supports adjacent to the inaccessible supports.

Since the construction and operating conditions of the inaccessible supports are similar to those of supports that were examined, it is reasonable to extend the satisfactory results of the accessible supports to the inaccessible supports.

The pressure boundary passed the required preservice hydrostatic test and first period inservice system pressure tests, and the plant has operated for a total of about 1,541 equivalent full power days between November 1987 and August 1994.

In summary, because of acceptable initial condition, successful examinations of adjacent supports, and successful test and operating experience, it is concluded that there is no significant impact on the overall level of plant quality and safety.

V. Alternate Examination

No.

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-022, Rev. 3

<u>ITEM NO.</u>	<u>COMPONENT I.D.</u>	<u>SYS./ISI ISO</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST % COMPLETE</u>
F3.10	1B21-H0050	MAIN STEAM SS-305-605-115	PIPE GUIDE	UNDERWATER, GEOMETRY	0%
F3.10	1B21-H0157	MAIN STEAM SS-305-605-115	PIPE GUIDE	UNDERWATER, GEOMETRY	0%
F3.10	1B21-H0167	MAIN STEAM SS-305-605-115	PIPE GUIDE	UNDERWATER, GEOMETRY	0%
F3.10	1B21-H0179	MAIN STEAM SS-305-605-115	PIPE GUIDE	UNDERWATER, GEOMETRY	0%
F1.10	1E12-H0476	RHR SS-305-605-124	PIPE GUIDE	GUIDE IN PENETRATION FILLED W/SEALANT	25%
F3.10	1P42-H0221	EMER. CLOSED COOL. SS-305-621-104	PIPE GUIDE	GUIDE IN PENETRATION FILLED W/SEALANT	0%
F3.10	1P45-H0643	EMER. SERVICE WTR. SS-305-791-110	PIPE GUIDE	GUIDE IN PENETRATION FILLED W/GROUT	0%
F3.10	2P42-H0009	EMER. CLOSED COOL. SS-305-623-106	PIPE GUIDE	GUIDE PARTIALLY IN PENETRATION FILLED W/SEALANT	75%
F3.10	1B21-H0176	MAIN STEAM SS-305-605-130	PIPE GUIDE	UNDERWATER, GEOMETRY	0%
F3.10	1B21-H0128	MAIN STEAM SS-305-605-129	PIPE GUIDE	UNDERWATER, GEOMETRY	0%
F3.10	1B21-H0156	MAIN STEAM SS-305-605-128	PIPE GUIDE	UNDERWATER, GEOMETRY	0%

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ITEM NO.	COMPONENT I.D.	SYS./ISI ISO	DESCRIPTION	NATURE OF OBSTRUCTION	EST % COMPLETE
F3.10	1B21-H0158	MAIN STEAM SS-305-605-125	PIPE GUIDE	UNDERWATER, GEOMETRY	0%
F3.10	1B21-H0173	MAIN STEAM SS-305-605-123	PIPE GUIDE	UNDERWATER, GEOMETRY	0%
F3.10	1B21-H0175	MAIN STEAM SS-305-605-122	PIPE GUIDE	UNDERWATER, GEOMETRY	0%
F3.10	1B21-H0155	MAIN STEAM SS-305-605-112	PIPE GUIDE	UNDERWATER, GEOMETRY	0%
1-250 F3.10	1B21-H0168	MAIN STEAM SS-305-605-113	PIPE GUIDE	UNDERWATER, GEOMETRY	0%
F3.10	1B21-H0120	MAIN STEAM SS-305-605-114	PIPE GUIDE	UNDERWATER, GEOMETRY	0%
F3.10	1B21-H0159	MAIN STEAM SS-305-605-121	PIPE GUIDE	UNDERWATER, GEOMETRY	0%
F3.10	1B21-H0160	MAIN STEAM SS-305-605-120	PIPE GUIDE	UNDERWATER, GEOMETRY	0%
F3.10	1B21-H0186	MAIN STEAM SS-305-605-119	PIPE GUIDE	UNDERWATER, GEOMETRY	0%
F3.10	1B21-H0177	MAIN STEAM SS-305-605-118	PIPE GUIDE	UNDERWATER, GEOMETRY	0%
Rev. 3 F3.10	1B21-H0163	MAIN STEAM SS-305-605-117	PIPE GUIDE	UNDERWATER, GEOMETRY	0%
F3.10	1B21-H0164	MAIN STEAM SS-305-605-116	PIPE GUIDE	UNDERWATER, GEOMETRY	0%

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-022, Rev. 3

ITEM NO.	COMPONENT I.D.	SYS./ISI ISO	DESCRIPTION	NATURE OF OBSTRUCTION	EST % COMPLETE
F3.10	1G41-H0396	FUEL POOL CLEANING SS-305-655-114	PIPE GUIDE	GUIDE IN PENETRATION FILLED W/SEALANT	0%
F3.10	1P42-H0115	EMER. CLOSED COOL. SS-305-621-106	PIPE GUIDE	GUIDE PARTIALLY IN PENETRATION FILLED W/SEALANT	50%
F3.10	1P42-H0222	EMER. CLOSED COOL. SS-305-621-104	PIPE GUIDE	GUIDE IN PENETRATION FILLED W/SEALANT	0%
F3.10	1P45-H0022	EMER. CLOSED COOL. SS-305-792-106	PIPE ANCHOR	ANCHOR IN PENETRATION FILLED W/SEALANT	0%
F3.10	1P45-H0049	EMER. CLOSED COOL. SS-305-792-112	PIPE ANCHOR	ANCHOR IN PENETRATION FILLED W/SEALANT	0%
F3.10	1P45-H0127	EMER. CLOSED COOL. SS-305-792-107	PIPE ANCHOR	ANCHOR IN PENETRATION FILLED W/SEALANT	0%
F3.10	1P45-H0162	EMER. CLOSED COOL. SS-305-792-104	PIPE ANCHOR	ANCHOR IN PENETRATION FILLED W/SEALANT	0%
F3.10	1P45-H0191	EMER. SERVICE WTR. SS-305-791-113	PIPE GUIDE	GUIDE IN PENETRATION FILLED W/SEALANT	0%
F3.10	1P45-H0271	EMER. SERVICE WTR. SS-305-791-104	PIPE GUIDE	GUIDE IN PENETRATION FILLED W/SEALANT	0%
F3.10	1P45-H0397	EMER. SERVICE WTR. SS-305-791-108	PIPE GUIDE	UNDERWATER IN LIMITED ACCESS SUMP	0%
F3.10	1P45-H0398	EMER. SERVICE WTR. SS-305-791-108	PIPE GUIDE	UNDERWATER IN LIMITED ACCESS SUMP	0%

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<u>ITEM NO.</u>	<u>COMPONENT I.D.</u>	<u>SYS./ISI ISO</u>	<u>DESCRIPTION</u>	<u>NATURE OF OBSTRUCTION</u>	<u>EST % COMPLETE</u>
F3.10	1P45-H0399	EMER. SERVICE WTR. SS-305-791-109	PIPE GUIDE	UNDERWATER IN LIMITED ACCESS SUMP	0%
F3.10	1P45-H0400	EMER. SERVICE WTR. SS-305-791-109	PIPE GUIDE	UNDERWATER IN LIMITED ACCESS SUMP	0%
F3.10	1P45-H0417	EMER. SERVICE WTR. SS-305-791-101	PIPE GUIDE	GUIDE IN PENETRATION FILLED W/SEALANT	0%
F3.10	1P45-H0430	EMER. SERVICE WTR. SS-305-791-102	PIPE GUIDE	GUIDE IN PENETRATION FILLED W/SEALANT	0%
1-252 F3.10	2P42-H0024	EMER. SERVICE WTR. SS-305-623-112	PIPE GUIDE	GUIDE PARTIALLY IN PENETRATION FILLED W/SEALANT	66%
F3.10	2P45-H0025	EMER. SERVICE WTR. SS-305-623-110	PIPE GUIDE	GUIDE PARTIALLY IN PENETRATION FILLED W/SEALANT	66%
F3.10	1P45-H0401	EMER. SERVICE WTR. SS-305-791-107	PIPE GUIDE	UNDERWATER IN LIMITED ACCESS SUMP	0%
F3.10	1P45-H0402	EMER. SERVICE WTR. SS-305-791-107	PIPE GUIDE	UNDERWATER IN LIMITED ACCESS SUMP	0%
F3.10	1P45-H0649	EMER. SERVICE WTR. SS-305-791-110	PIPE GUIDE	GUIDE INSIDE PENE. IN LIMITED ACCESS SUMP	0%
Rev. 3 F3.10	1P45-H0659	EMER. SERVICE WTR. SS-305-791-110	PIPE GUIDE	GUIDE INSIDE PENE. IN LIMITED ACCESS SUMP	0%
F3.10	1P45-H0311	EMER. SERVICE WTR. SS-305-792-115	PIPE GUIDE	GUIDE INSIDE FLOOR PENETRATION FILLED W/SEALANT	0%

5.5 Inservice Examination Table

This section contains the listing of all Class 1, 2, 3, and Augmented supports subject to the examination requirements of ASME Section XI, Code Case N-491. The actual supports scheduled for examinations at each outage are presented to management for approval 60 days prior to commencing a scheduled refueling outage.

The information presented in the tables are defined below:

1. EXAMINATION CATEGORY - A grouping of items to be examined or tested. All supports are Category F-A.
2. ITEM NO. - A division within an examination category which separates the specific components.
3. MARK NO. - A unique identification number assigned to each pipe or component support.
4. COMPONENT DESCRIPTION - A brief description used to identify the type of support. If (WA) is included in the component description it indicates that the support has a "welded attachment" to the piping or component. Depending on the thickness and/or the code class of the component the examination of the "WA" is covered in another section, i.e., B-K-1, C-C, and D-B or D-C for Class 1, 2, and 3 respectively.
5. EXAM METHOD - This abbreviation identifies the unique non-destructive examination method required for the pipe support or component support. All components in this category require a VT-3 examination.
6. PERIOD SCHED. - This column identifies the inspection period in which the weld or component is scheduled to be examined. The period scheduled can be either 1, 2, 3, or any combination of these numbers. Normally there will be 2 refueling outages within each period. Scheduled examinations can be completed in either of the refueling outages as appropriate to facilitate other outage activities, but must be completed by the end of the period. For those pipe supports or component supports not scheduled for examination, the letters "NS" will be inserted in place of an inspection period. An asterisk(s) in the schedule column denotes a scheduling peculiarity which will be explained at the end of the applicable category. Components Supports which have been examined, but due to program changes (e.g., incorporation of Code Case N-491) are not to be credited toward ASME completion percentages, will have parentheses around the period scheduled.

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3ST	1B21-B0101A	RIGID STRUT (WA) MPL 1B21G7000	VT-3	(1)	605-128
F1.3ST	1B21-B0101B	RIGID STRUT (WA) MPL 1B21G7002	VT-3	1	605-112
F1.3ST	1B21-B0101C	RIGID STRUT (WA) MPL 1B21G7003	VT-3	(2)	605-122
F1.3ST	1B21-B0101D	RIGID STRUT (WA) MPL 1B21G7004	VT-3	NS	605-116
F1.3ST	1B21-B0102B	RIGID STRUT (WA) MPL 1B21G7005	VT-3	NS	605-120
F1.3ST	1B21-B0102C	RIGID STRUT (WA) MPL 1B21G7006	VT-3	NS	605-127
F1.3ST	1B21-B0103B	RIGID STRUT (WA) MPL 1B21G7007	VT-3	NS	605-121
F1.3ST	1B21-B0103C	RIGID STRUT (WA) MPL 1B21G7001	VT-3	(1)	605-125
F1.1G	1B21-G101A	RIGID GUIDE (WA) MPL 1B21G7030	VT-3	2	605-101
F1.1G	1B21-G101B	RIGID GUIDE (WA) MPL 1B21G7031	VT-3	(1)	605-102
F1.1G	1B21-G101C	RIGID GUIDE (WA) MPL 1B21G7032	VT-3	NS	605-103
F1.1G	1B21-G101D	RIGID GUIDE (WA) MPL 1B21G7033	VT-3	3	605-104
F1.1E	1B21-G102A	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	605-107
F1.1E	1B21-G102B	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	605-108
F1.1E	1B21-G102C	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	605-109
F1.1E	1B21-G102D	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	605-110
F1.3A	1B21-H0001	ANCHOR (WA)	VT-3	(1)	605-128
F1.3SN	1B21-H0002	MECHANICAL SNUBBER	VT-3	(2)	605-128
F1.3SN	1B21-H0004	MECHANICAL SNUBBER	VT-3	3	605-128
F1.3SN	1B21-H0005	MECHANICAL SNUBBER	VT-3	(1)	605-128
F1.3SN	1B21-H0006	MECHANICAL SNUBBER (WA)	VT-3	(2)	605-128
F1.3SN	1B21-H0007	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	3	605-128
F1.3SP	1B21-H0008	VARIABLE SPRING	VT-3	(1)	605-127
F1.3SN	1B21-H0009	MECHANICAL SNUBBER (TANDEM)	VT-3	(2)	605-127
F1.3SN	1B21-H0010	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(2)	605-127
F1.3A	1B21-H0011	ANCHOR (WA)	VT-3	NS	605-127
F1.3SN	1B21-H0012	MECHANICAL SNUBBER	VT-3	(2)	605-127
F1.3SN	1B21-H0013	MECHANICAL SNUBBER (WA)	VT-3	(1)	605-127
F1.3SN	1B21-H0014	MECHANICAL SNUBBER	VT-3	(2)	605-127
F1.3SN	1B21-H0015	MECHANICAL SNUBBER	VT-3	NS	605-113
F1.3A	1B21-H0016	ANCHOR (WA)	VT-3	(1)	605-125
F1.3SN	1B21-H0020	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	2	605-125
F1.3SN	1B21-H0021	MECHANICAL SNUBBER (WA)	VT-3	(1)	605-125
F1.3SN	1B21-H0022	MECHANICAL SNUBBER	VT-3	(1)	605-125
F1.3SN	1B21-H0023	MECHANICAL SNUBBER (WA)	VT-3	(2)	605-125

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3SN	1B21-H0024	MECHANICAL SNUBBER	VT-3	NS	605-125
F1.3SN	1B21-H0025	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	605-113
F1.3A	1B21-H0026	ANCHOR (WA)	VT-3	NS	605-121
F1.3SN	1B21-H0029	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	605-121
F1.3SN	1B21-H0031	MECHANICAL SNUBBER (WA)	VT-3	NS	605-121
F1.3SN	1B21-H0032	MECHANICAL SNUBBER	VT-3	(1)	605-121
F1.3SN	1B21-H0033	MECHANICAL SNUBBER	VT-3	(2)	605-121
F1.3SP	1B21-H0034	VARIABLE SPRING	VT-3	NS	605-113
F1.3A	1B21-H0035	ANCHOR (WA)	VT-3	(2)	605-120
F1.3SP	1B21-H0036	VARIABLE SPRING	VT-3	NS	605-120
F1.3SN	1B21-H0038	MECHANICAL SNUBBER	VT-3	(1)	605-120
F1.3SN	1B21-H0039	MECHANICAL SNUBBER	VT-3	(2)	605-120
F1.3SN	1B21-H0040	MECHANICAL SNUBBER	VT-3	NS	605-120
F1.3SN	1B21-H0041	MECHANICAL SNUBBER	VT-3	(1)	605-120
F1.3SN	1B21-H0042	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	1	605-120
F1.3SN	1B21-H0043	MECHANICAL SNUBBER	VT-3	NS	605-115
F1.3A	1B21-H0044	ANCHOR (WA)	VT-3	(2)	605-115
F1.3SN	1B21-H0045	MECHANICAL SNUBBER (WA)	VT-3	NS	605-115
F1.3SN	1B21-H0046	MECHANICAL SNUBBER	VT-3	(1)	605-115
F1.3SN	1B21-H0047	MECHANICAL SNUBBER (WA)	VT-3	(1)	605-115
F1.3SN	1B21-H0048	MECHANICAL SNUBBER	VT-3	(2)	605-115
F1.3SN	1B21-H0049	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	2	605-115
F1.3G	1B21-H0050	RIGID GUIDE (WA)	VT-3	NS**	605-115
F1.3SN	1B21-H0051	MECHANICAL SNUBBER (TANDEM)	VT-3	(2)	605-113
F1.3A	1B21-H0052	ANCHOR (WA)	VT-3	(2)	605-130
F1.3SP	1B21-H0053	VARIABLE SPRING (WA)	VT-3	3	605-130
F1.3SN	1B21-H0054	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(2)	605-130
F1.3SN	1B21-H0056	MECHANICAL SNUBBER (WA)	VT-3	NS	605-130
F1.3SN	1B21-H0057	MECHANICAL SNUBBER (WA)	VT-3	NS	605-130
F1.3SN	1B21-H0058	MECHANICAL SNUBBER	VT-3	(1)	605-130
F1.3SN	1B21-H0059	MECHANICAL SNUBBER	VT-3	(2)	605-130
F1.3SN	1B21-H0060	MECHANICAL SNUBBER	VT-3	NS	605-113
F1.3A	1B21-H0061	ANCHOR (WA)	VT-3	NS	605-117
F1.3SP	1B21-H0062	VARIABLE SPRING	VT-3	(1)	605-117
F1.3SN	1B21-H0063	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(2)	605-117

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3SN	1B21-H0064	MECHANICAL SNUBBER	VT-3	(2)	605-117
F1.3SN	1B21-H0065	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(1)	605-117
F1.3SN	1B21-H0066	MECHANICAL SNUBBER	VT-3	(2)	605-117
F1.3ST	1B21-H0067	RIGID STRUT	VT-3	NS	605-117
F1.3SN	1B21-H0068	MECHANICAL SNUBBER	VT-3	(1)	605-117
F1.3SN	1B21-H0069	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	605-113
F1.3A	1B21-H0070	ANCHOR (WA)	VT-3	NS	605-116
F1.3SN	1B21-H0071	MECHANICAL SNUBBER	VT-3	(1)	605-116
F1.3SP	1B21-H0072	VARIABLE SPRING	VT-3	(2)	605-116
F1.3SN	1B21-H0073	MECHANICAL SNUBBER (WA)	VT-3	(1)	605-116
F1.3SN	1B21-H0074	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	3	605-116
F1.3SN	1B21-H0075	MECHANICAL SNUBBER	VT-3	(1)	605-116
F1.3SN	1B21-H0076	MECHANICAL SNUBBER	VT-3	(2)	605-116
F1.3SN	1B21-H0077	MECHANICAL SNUBBER	VT-3	NS	605-116
F1.3SN	1B21-H0078	MECHANICAL SNUBBER	VT-3	(1)	605-116
F1.3SN	1B21-H0079	MECHANICAL SNUBBER (WA)	VT-3	NS	605-116
F1.3A	1B21-H0080	ANCHOR (WA)	VT-3	NS	605-118
F1.3SN	1B21-H0082	MECHANICAL SNUBBER	VT-3	(1)	605-118
F1.3SN	1B21-H0084	MECHANICAL SNUBBER (WA)	VT-3	2	605-118
F1.3SN	1B21-H0085	MECHANICAL SNUBBER	VT-3	NS	605-118
F1.3SN	1B21-H0086	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	605-118
F1.3SN	1B21-H0087	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	605-113
F1.3A	1B21-H0088	ANCHOR (WA)	VT-3	1	605-114
F1.3SN	1B21-H0089	MECHANICAL SNUBBER	VT-3	(2)	605-114
F1.3A	1B21-H0090	ANCHOR (WA)	VT-3	(2)	605-113
F1.3SN	1B21-H0091	MECHANICAL SNUBBER	VT-3	NS	605-114
F1.3SN	1B21-H0092	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	605-114
F1.3SP	1B21-H0093	VARIABLE SPRING	VT-3	(1)	605-114
F1.3SN	1B21-H0094	MECHANICAL SNUBBER	VT-3	(2)	605-114
F1.3SN	1B21-H0095	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(1)	605-114
F1.3SN	1B21-H0096	MECHANICAL SNUBBER	VT-3	NS	605-114
F1.3A	1B21-H0097	ANCHOR (WA)	VT-3	(1)	605-123
F1.3SN	1B21-H0098	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(2)	605-123
F1.3SP	1B21-H0099	VARIABLE SPRING	VT-3	NS	605-123
F1.3SN	1B21-H0100	MECHANICAL SNUBBER	VT-3	(1)	605-123

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3SN	1B21-H0101	MECHANICAL SNUBBER	VT-3	(2)	605-130
F1.1SP	1B21-H101A(A)	VARIABLE SPRING MPL 1B21G7050A	VT-3	(1)	605-101
F1.1SP	1B21-H101A(B)	VARIABLE SPRING MPL 1B21G7094	VT-3	(1)	605-101
F1.1SP	1B21-H101B(A)	VARIABLE SPRING MPL 1B21G7052	VT-3	(2)	605-102
F1.1SP	1B21-H101B(B)	VARIABLE SPRING MPL 1B21G7053	VT-3	(2)	605-102
F1.1SP	1B21-H101C(A)	VARIABLE SPRING MPL 1B21G7054	VT-3	(2)	605-103
F1.1SP	1B21-H101C(B)	VARIABLE SPRING MPL 1B21G7055	VT-3	(2)	605-103
F1.1SP	1B21-H101D(A)	VARIABLE SPRING MPL 1B21G7056	VT-3	3	605-104
F1.1SP	1B21-H101D(B)	VARIABLE SPRING MPL 1B21G7057	VT-3	3	605-104
F1.3SN	1B21-H0102	MECHANICAL SNUBBER	VT-3	(1)	605-123
F1.1SP	1B21-H0102B	VARIABLE SPRING MPL 1B21H7051	VT-3	2	605-102
F1.1SP	1B21-H0102C	VARIABLE SPRING MPL 1B21H7059	VT-3	(1)	605-103
F1.3SN	1B21-H0103	MECHANICAL SNUBBER	VT-3	(2)	605-123
F1.3SP	1B21-H0104	VARIABLE SPRING	VT-3	NS	605-123
F1.3A	1B21-H0105	ANCHOR (WA)	VT-3	(2)	605-124
F1.3SN	1B21-H0106	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	605-123
F1.3SN	1B21-H0107	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	1	605-123
F1.3SN	1B21-H0108	MECHANICAL SNUBBER	VT-3	(2)	605-124
F1.3A	1B21-H0109	ANCHOR (WA)	VT-3	NS	605-122
F1.3ST	1B21-H0110	RIGID STRUT	VT-3	(1)	605-122
F1.3ST	1B21-H0111	RIGID STRUT	VT-3	(2)	605-122
F1.3SN	1B21-H0112	MECHANICAL SNUBBER	VT-3	NS	605-117
F1.3SN	1B21-H0113	MECHANICAL SNUBBER	VT-3	(1)	605-122
F1.3SN	1B21-H0114	MECHANICAL SNUBBER	VT-3	(2)	605-122
F1.3SN	1B21-H0115	MECHANICAL SNUBBER (WA)	VT-3	NS	605-122
F1.3SP	1B21-H0116	VARIABLE SPRING (WA)	VT-3	(1)	605-122
F1.3SN	1B21-H0117	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	605-122
F1.3SN	1B21-H0118	MECHANICAL SNUBBER (TANDEM)	VT-3	(1)	605-122
F1.3SN	1B21-H0119	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	3	605-122
F1.3G	1B21-H0120	RIGID GUIDE (WA)	VT-3	NS**	605-114
F1.3A	1B21-H0121	ANCHOR (WA)	VT-3	2	605-129
F1.3SN	1B21-H0122	MECHANICAL SNUBBER (WA)	VT-3	(1)	605-129
F1.3SN	1B21-H0124	MECHANICAL SNUBBER	VT-3	(2)	605-129
F1.3SN	1B21-H0125	MECHANICAL SNUBBER (WA)	VT-3	(1)	605-129
F1.3SN	1B21-H0126	MECHANICAL SNUBBER	VT-3	2	605-129

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<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3SN	1B21-H0127	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	605-129
F1.3G	1B21-H0128	RIGID GUIDE (WA)	VT-3	NS**	605-129
F1.3SN	1B21-H0129	MECHANICAL SNUBBER (WA)	VT-3	NS	605-119
F1.3SN	1B21-H0130	MECHANICAL SNUBBER	VT-3	(1)	605-124
F1.3SP	1B21-H0132	VARIABLE SPRING (WA)	VT-3	NS	605-124
F1.3SN	1B21-H0133	MECHANICAL SNUBBER (WA)	VT-3	NS	605-127
F1.3G	1B21-H0134	RIGID GUIDE (WA)	VT-3	1	605-127
F1.3SN	1B21-H0135	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(1)	605-127
F1.3SP	1B21-H0136	VARIABLE SPRING	VT-3	(1)	605-126
F1.3SN	1B21-H0138	MECHANICAL SNUBBER (WA)	VT-3	(2)	605-126
F1.3SN	1B21-H0139	MECHANICAL SNUBBER	VT-3	NS	605-126
F1.3SN	1B21-H0140	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	605-126
F1.3SN	1B21-H0141	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(2)	605-126
F1.3G	1B21-H0142	ANCHOR (WA)	VT-3	NS	605-112
F1.3SN	1B21-H0143	MECHANICAL SNUBBER (WA)	VT-3	(1)	605-124
F1.3SP	1B21-H0144	VARIABLE SPRING	VT-3	(2)	605-112
F1.3SN	1B21-H0145	MECHANICAL SNUBBER	VT-3	NS	605-112
F1.3SN	1B21-H0146	MECHANICAL SNUBBER	VT-3	(1)	605-112
F1.3SN	1B21-H0147	MECHANICAL SNUBBER (WA)	VT-3	(1)	605-124
F1.3SN	1B21-H0148	MECHANICAL SNUBBER	VT-3	(2)	605-112
F1.3SP	1B21-H0149	VARIABLE SPRING (WA)	VT-3	(1)	605-112
F1.3SN	1B21-H0150	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(2)	605-112
F1.3SN	1B21-H0151	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(2)	605-112
F1.3SN	1B21-H0152	MECHANICAL SNUBBER	VT-3	NS	605-112
F1.3SN	1B21-H0153	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(2)	605-112
F1.3SN	1B21-H0154	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	605-112
F1.3G	1B21-H0155	RIGID GUIDE (WA)	VT-3	NS**	605-112
F1.3G	1B21-H0156	RIGID GUIDE (WA)	VT-3	NS**	605-128
F1.3G	1B21-H0157	RIGID GUIDE (WA)	VT-3	NS**	605-127
F1.3G	1B21-H0158	RIGID GUIDE (WA)	VT-3	NS**	605-125
F1.3G	1B21-H0159	RIGID GUIDE (WA)	VT-3	NS**	605-121
F1.3G	1B21-H0160	RIGID GUIDE (WA)	VT-3	NS**	605-120
F1.3ST	1B21-H0161	RIGID STRUT (WA)	VT-3	NS	605-124
F1.3SN	1B21-H0162	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	605-124
F1.3G	1B21-H0163	RIGID GUIDE (WA)	VT-3	NS**	605-112

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<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3G	1B21-F0164	RIGID GUIDE (WA)	VT-3	NS**	605-116
F1.3SN	1B21-H0165	MECHANICAL SNUBBER (WA)	VT-3	(1)	605-121
F1.3SN	1B21-H0166	MECHANICAL SNUBBER (WA)	VT-3	NS	605-114
F1.3G	1B21-H0167	RIGID GUIDE (WA)	VT-3	NS**	605-126
F1.3G	1B21-H0168	RIGID GUIDE (WA)	VT-3	NS**	605-113
F1.3ST	1B21-H0169	RIGID STRUT	VT-3	(2)	605-121
F1.3SN	1B21-H0170	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(1)	605-124
F1.3A	1B21-H0171	ANCHOR (WA)	VT-3	(2)	605-126
F1.3ST	1B21-H0172	RIGID STRUT	VT-3	NS	605-117
F1.3G	1B21-H0173	RIGID GUIDE (WA)	VT-3	NS**	605-123
F1.3SN	1B21-H0174	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(2)	605-122
F1.3G	1B21-H0175	RIGID GUIDE (WA)	VT-3	NS**	605-122
F1.3G	1B21-H0176	RIGID GUIDE (WA)	VT-3	NS**	605-130
F1.3G	1B21-H0177	RIGID GUIDE (WA)	VT-3	NS**	605-118
F1.3SN	1B21-H0178	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	605-120
F1.3G	1B21-H0179	RIGID GUIDE (WA)	VT-3	NS**	605-124
F1.3A	1B21-H0180	ANCHOR (WA)	VT-3	NS	605-119
F1.3SN	1B21-H0181	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	1	605-119
F1.3SN	1B21-H0183	MECHANICAL SNUBBER	VT-3	(2)	605-119
F1.3SN	1B21-H0184	MECHANICAL SNUBBER	VT-3	NS	605-119
F1.3SN	1B21-H0185	MECHANICAL SNUBBER	VT-3	(1)	605-119
F1.3G	1B21-H0186	RIGID GUIDE (WA)	VT-3	(1)	605-119
F1.3SN	1B21-H0187	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	605-120
F1.3ST	1B21-H0188	RIGID STRUT	VT-3	(2)	605-120
F1.3SN	1B21-H0191	MECHANICAL SNUBBER (WA)	VT-3	(2)	605-118
F1.3G	1B21-H0192	RIGID GUIDE (WA)	VT-3	NS**	605-118
F1.3ST	1B21-H0201	RIGID STRUT	VT-3	NS	605-121
F1.3G	1B21-H0202	RIGID GUIDE	VT-3	(1)	605-121
F1.3ST	1B21-H0203	RIGID STRUT (WA)	VT-3	NS	605-116
F1.3ST	1B21-H0204	RIGID STRUT (WA)	VT-3	(1)	605-130
F1.3ST	1B21-H0205	RIGID STRUT (WA) (TANDEM)	VT-3	(1)	605-129
F1.3ST	1B21-H0206	RIGID STRUT (WA)	VT-3	(2)	605-128
F1.3ST	1B21-H0207	RIGID STRUT (WA)	VT-3	3	605-127
F1.3ST	1B21-H0208	RIGID STRUT (WA)	VT-3	NS	605-125
F1.3ST	1B21-H0209	RIGID STRUT (WA)	VT-3	NS	605-124

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<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3ST	1B21-H0210	RIGID STRUT (WA)	VT-3	NS	605-126
F1.3ST	1B21-H0211	RIGID STRUT (WA)	VT-3	(1)	605-123
F1.3ST	1B21-H0212	RIGID STRUT (WA)	VT-3	(1)	605-122
F1.3ST	1B21-H0213	RIGID STRUT (WA)	VT-3	(1)	605-112
F1.3ST	1B21-H0214	RIGID STRUT (WA)	VT-3	(2)	605-113
F1.3ST	1B21-H0215	RIGID STRUT (WA)	VT-3	NS	605-114
F1.3ST	1B21-H0216	RIGID STRUT (WA)	VT-3	NS	605-115
F1.3ST	1B21-H0217	RIGID STRUT (WA)	VT-3	(2)	605-121
F1.3ST	1B21-H0218	RIGID STRUT (WA)	VT-3	(1)	605-120
F1.3ST	1B21-H0219	RIGID STRUT (WA) (TANDEM)	VT-3	(1)	605-119
F1.3ST	1B21-H0220	RIGID STRUT (WA)	VT-3	2	605-118
F1.3ST	1B21-H0221	RIGID STRUT (WA)	VT-3	(2)	605-117
F1.3SN	1B21-H0222	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	605-119
F1.3ST	1B21-H0406	RIGID STRUT	VT-3	(1)	605-125
F1.3ST	1B21-H0407	RIGID STRUT	VT-3	(2)	605-125
F1.3SN	1B21-H0408	MECHANICAL SNUBBER	VT-3	NS	605-125
F1.3SP	1B21-H0409	VARIABLE SPRING (WA)	VT-3	NS	605-125
F1.3SN	1B21-H0410	MECHANICAL SNUBBER	VT-3	(1)	605-125
F1.3G	1B21-H0411	RIGID GUIDE	VT-3	(2)	605-125
F1.3SN	1B21-H0412	MECHANICAL SNUBBER (WA)	VT-3	NS	605-121
F1.3SP	1B21-H0413	VARIABLE SPRING (WA)	VT-3	(1)	605-121
F1.3G	1B21-H0414	RIGID GUIDE	VT-3	2	605-121
F1.3ST	1B21-H0415	RIGID STRUT	VT-3	NS	605-121
F1.3SP	1B21-H0416	VARIABLE SPRING (WA)	VT-3	1	605-115
F1.3SP	1B21-H0419	VARIABLE SPRING (WA)	VT-3	NS	605-118
F1.3SP	1B21-H0420	VARIABLE SPRING (WA)	VT-3	(1)	605-112
F1.3SN	1B21-H0421	MECHANICAL SNUBBER	VT-3	(2)	605-112
F1.3SN	1B21-H0423	MECHANICAL SNUBBER	VT-3	3	605-112
F1.3SP	1B21-H0424	VARIABLE SPRING	VT-3	(2)	605-126
F1.3SP	1B21-H0425	VARIABLE SPRING	VT-3	(2)	605-122
F1.3SN	1B21-H0427	MECHANICAL SNUBBER	VT-3	NS	605-126
F1.3SP	1B21-H0428	VARIABLE SPRING (WA)	VT-3	(2)	605-113
F1.3SP	1B21-H0429	VARIABLE SPRING	VT-3	NS	605-130
F1.3SP	1B21-H0433	VARIABLE SPRING (WA)	VT-3	NS	605-129
F1.3ST	1B21-H0436	RIGID STRUT	VT-3	(1)	605-117

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.3SP	1B21-H0437	VARIABLE SPRING (WA)	VT-3	(1)	605-128
F1.3SP	1B21-H0438	VARIABLE SPRING	VT-3	(2)	605-128
F1.3SP	1B21-H0439	VARIABLE SPRING (WA)	VT-3	NS	605-117
F1.1G	1B21-H0441	RIGID GUIDE	VT-3	(2)	605-105
F1.1SP	1B21-H0442	VARIABLE SPRING (WA < .625*)	VT-3	(2)	605-105
F1.1G	1B21-H0443	RIGID GUIDE	VT-3	(2)	605-105
F1.1G	1B21-H0444	RIGID GUIDE	VT-3	(1)	605-106
F1.1SN	1B21-H0445	HYDRAULIC SNUBBER	VT-3	NS	605-106
F1.1SN	1B21-H0446	HYDRAULIC SNUBBER (WA < .625*) (TANDEM)	VT-3	(2)	605-106
F1.1SN	1B21-H0447	HYDRAULIC SNUBBER	VT-3	(2)	605-106
F1.1SP	1B21-H0448	VARIABLE SPRING	VT-3	1	605-106
F1.1SN	1B21-H0449	HYDRAULIC SNUBBER	VT-3	NS	605-106
F1.1SN	1B21-H0450	HYDRAULIC SNUBBER	VT-3	2	605-106
F1.1SP	1B21-H0451	VARIABLE SPRING	VT-3	(2)	605-106
F1.1SN	1B21-H0452	HYDRAULIC SNUBBER	VT-3	(1)	605-106
F1.1SN	1B21-H0453	HYDRAULIC SNUBBER	VT-3	NS	605-106
F1.1SP	1B21-H0454	VARIABLE SPRING	VT-3	(2)	605-106
F1.1SN	1B21-H0458	MECHANICAL SNUBBER	VT-3	(2)	605-106
F1.1SN	1B21-H0459	MECHANICAL SNUBBER	VT-3	1	605-106
F1.1SN	1B21-H0462	HYDRAULIC SNUBBER	VT-3	NS	605-106
F1.1SN	1B21-H0471	HYDRAULIC SNUBBER	VT-3	NS	605-106
F1.1SN	1B21-H0472	HYDRAULIC SNUBBER	VT-3	NS	605-106
F1.1SN	1B21-H0474	MECHANICAL SNUBBER	VT-3	(1)	605-106
F1.1SP	1B21-H0475	VARIABLE SPRING	VT-3	(1)	605-106
F1.1G	1B21-H0486	RIGID GUIDE	VT-3	NS	605-105
F1.1G	1B21-H0489	RIGID GUIDE	VT-3	3	605-105
F1.1SN	1B21-H0490	HYDRAULIC SNUBBER	VT-3	NS	605-106
F1.1SN	1B21-H0491	HYDRAULIC SNUBBER	VT-3	NS	605-106
F1.1G	1B21-H0492	RIGID GUIDE	VT-3	(1)	605-105
F1.1G	1B21-H0493	RIGID GUIDE	VT-3	NS	605-105
F1.3G	1B21-H5000	RIGID GUIDE	VT-3	1	605-125
F1.3SP	1B21-H5001	VARIABLE SPRING	VT-3	(2)	605-125
F1.3A	1B21-QUE-01-SP	ANCHOR FOR QUENCHER FOR SRV F041A (WA)	VT-3	(1)	605-128
F1.3A	1B21-QUE-02-SP	ANCHOR FOR QUENCHER FOR SRV F041B (WA)	VT-3	(2)	605-113
F1.3A	1B21-QUE-03-SP	ANCHOR FOR QUENCHER FOR SRV F041C (WA)	VT-3	(1)	605-122

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.3A	1B21-QUE-04-SP	ANCHOR FOR QUENCHER FOR SRV F041D (WA)	VT-3	2	605-118
F1.3A	1B21-QUE-05-SP	ANCHOR FOR QUENCHER FOR SRV F041E (WA)	VT-3	(2)	605-130
F1.3A	1B21-QUE-06-SP	ANCHOR FOR QUENCHER FOR SRV F041F (WA)	VT-3	NS	605-115
F1.3A	1B21-QUE-07-SP	ANCHOR FOR QUENCHER FOR SRV F041G (WA)	VT-3	NS	605-125
F1.3A	1B21-QUE-08-SP	ANCHOR FOR QUENCHER FOR SRV F041K (WA)	VT-3	(1)	605-120
F1.3A	1B21-QUE-09-SP	ANCHOR FOR QUENCHER FOR SRV F047B (WA)	VT-3	(1)	605-112
F1.3A	1B21-QUE-10-SP	ANCHOR FOR QUENCHER FOR SRV F047C (WA)	VT-3	NS	605-126
F1.3A	1B21-QUE-11-SP	ANCHOR FOR QUENCHER FOR SRV F047D (WA)	VT-3	(2)	605-119
F1.3A	1B21-QUE-12-SP	ANCHOR FOR QUENCHER FOR SRV F047E (WA)	VT-3	(2)	605-121
F1.3A	1B21-QUE-13-SP	ANCHOR FOR QUENCHER FOR SRV F047F (WA)	VT-3	3	605-127
F1.3A	1B21-QUE-14-SP	ANCHOR FOR QUENCHER FOR SRV F047G (WA)	VT-3	(2)	605-117
F1.3A	1B21-QUE-15-SP	ANCHOR FOR QUENCHER FOR SRV F047H (WA)	VT-3	(2)	605-129
F1.3A	1B21-QUE-16-SP	ANCHOR FOR QUENCHER FOR SRV F051A (WA)	VT-3	NS	605-114
F1.3A	1B21-QUE-17-SP	ANCHOR FOR QUENCHER FOR SRV F051B (WA)	VT-3	(1)	605-123
F1.3A	1B21-QUE-18-SP	ANCHOR FOR QUENCHER FOR SRV F051C (WA)	VT-3	NS	605-116
F1.3A	1B21-QUE-19-SP	ANCHOR FOR QUENCHER FOR SRV F051D (WA)	VT-3	NS	605-124
F1.3A	1B21-QUE-19-SP	ANCHOR FOR QUENCHER FOR SRV F051G (WA)	VT-3	2	605-102
F1.1SN	1B21-S101B	HYDRAULIC SNUBBER MPL 1B21G7070	VT-3	(1)	605-103
F1.1SN	1B21-S101C	HYDRAULIC SNUBBER MPL 1B21G7071	VT-3	3	605-101
F1.1SN	1B21-S102A	HYDRAULIC SNUBBER MPL 1B21G7072	VT-3	NS	605-102
F1.1SN	1B21-S102B	HYDRAULIC SNUBBER MPL 1B21G7073	VT-3	1	605-103
F1.1SN	1B21-S102C	HYDRAULIC SNUBBER MPL 1B21G7074	VT-3	(2)	605-104
F1.1ST	1B21-RS102D	RIGID STRUT MPL 1B21G7075	VT-3	(1)	605-101
F1.1SN	1B21-S103A	HYDRAULIC SNUBBER MPL 1B21G7076	VT-3	(1)	605-101
F1.1SN	1B21-S104A	HYDRAULIC SNUBBER MPL 1B21G7080	VT-3	3	605-104
F1.1SN	1B21-S104D	HYDRAULIC SNUBBER MPL 1B21G7083	VT-3	1	605-101
F1.1ST	1B21-RS105A	RIGID STRUT MPL 1B21G7084	VT-3	(1)	605-102
F1.1SN	1B21-S105B	HYDRAULIC SNUBBER MPL 1B21G7085	VT-3	NS	605-103
F1.1SN	1B21-S105C	HYDRAULIC SNUBBER MPL 1B21G7086	VT-3	NS	605-104
F1.1SN	1B21-S105D	HYDRAULIC SNUBBER MPL 1B21G7087	VT-3	(1)	605-102
F1.1ST	1B21-RS106B	RIGID STRUT MPL 1B21G7088			

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHD.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.1ST	1B21-RS106C	RIGID STRUT MPL 1B21G7089	VT-3	NS	605-103
F1.1SN	1B21-S107B	HYDRAULIC SNUBBER MPL 1B21G7090	VT-3	(1)	605-102
F1.1SN	1B21-S107C	HYDRAULIC SNUBBER MPL 1B21G7091	VT-3	3	605-103
F1.40	1B33-B301A	RIGID STRUT, PUMP, MPL 1B33G7000A	VT-3	1	602-102
F1.40	1B33-B301B	RIGID STRUT, PUMP, MPL 1B33G7000B	VT-3	(1)	602-104
F1.40	1B33-B302A	RIGID STRUT, PUMP, MPL 1B33G7001A	VT-3	2	602-102
F1.40	1B33-B302B	RIGID STRUT, PUMP, MPL 1B33G7001B	VT-3	(2)	602-104
F1.1G	1B33-H0001	RIGID GUIDE	VT-3	(1)	671-101
F1.1G	1B33-H0004	RIGID GUIDE	VT-3	2	671-101
F1.40	1B33-H301A	CO3TANT SUPPORT, PUMP, MPL 1B33G7013A	VT-3	3	602-102
F1.40	1B33-H301B	CO3TANT SUPPORT, PUMP, MPL 1B33G7013B	VT-3	NS	602-104
F1.40	1B33-H302A	CO3TANT SUPPORT, PUMP, MPL 1B33F7014A	VT-3	1	602-102
F1.40	1B33-H302B	CO3TANT SUPPORT, PUMP, MPL 1B33G7014B	VT-3	(1)	602-104
F1.40	1B33-H303A	CO3TANT SUPPORT, PUMP, MPL 1B33G7015A	VT-3	3	602-102
F1.40	1B33-H303B	CO3TANT SUPPORT, PUMP, MPL 1B33G7015B	VT-3	NS	602-104
F1.40	1B33-H304A	CO3TANT SUPPORT, PUMP, MPL 1B33G7016A	VT-3	3	602-102
F1.40	1B33-H304B	CO3TANT SUPPORT, PUMP, MPL 1B33G7016B	VT-3	NS	602-104
F1.1SP	1B33-H305A	VARIABLE SPRING (WA) MPL 1B33G7017A	VT-3	1	602-102
F1.1SP	1B33-H305B	VARIABLE SPRING (WA) MPL 1B33G7017B	VT-3	(2)	602-104
F1.1SP	1B33-H306A	VARIABLE SPRING (WA) MPL 1B33G7018A	VT-3	(1)	602-102
F1.1SP	1B33-H306B	VARIABLE SPRING (WA) MPL 1B33G7018B	VT-3	(2)	602-104
F1.1SP	1B33-H351A	VARIABLE SPRING, MPL 1B33G7019A	VT-3	(1)	602-101
F1.1SP	1B33-H351B	VARIABLE SPRING, MPL 1B33G7019B	VT-3	(1)	602-103
F1.1SP	1B33-H352A	VARIABLE SPRING, MPL 1B33G7020A	VT-3	NS	602-101
F1.1SP	1B33-H352B	VARIABLE SPRING, MPL 1B33G7020B	VT-3	NS	602-103
F1.1SP	1B33-H353A	VARIABLE SPRING, MPL 1B33G7021A	VT-3	(2)	602-101
F1.1SP	1B33-H353B	VARIABLE SPRING, MPL 1B33G7021B	VT-3	3	602-103
F1.1SP	1B33-H354A	VARIABLE SPRING, MPL 1B33G7022A	VT-3	(2)	602-101
F1.1SP	1B33-H354B	VARIABLE SPRING, MPL 1B33G7022B	VT-3	NS	602-103
F1.1SP	1B33-H355A	VARIABLE SPRING, MPL 1B33G7023A	VT-3	(1)	602-102
F1.1SP	1B33-H355B	VARIABLE SPRING, MPL 1B33G7023B	VT-3	2	602-104
F1.1SP	1B33-H356A	VARIABLE SPRING, MPL 1B33G7024A	VT-3	(1)	602-102

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.1SP	1B33-H356B	VARIABLE SPRING, MPL 1B33G7024B	VT-3	(1)	602-104
F1.1G	1B33-H5000	RIGID GUIDE	VT-3	NS	671-102
F1.1G	1B33-H5001	RIGID GUIDE	VT-3	NS	671-102
F1.40	1B33-S369A	HYDRAULIC SNUBBER, PUMP, MPL 1B33G7064A	VT-3	1	602-102
F1.40	1B33-S369B	HYDRAULIC SNUBBER, PUMP, MPL 1B33G7064B	VT-3	(1)	602-104
F1.40	1B33-S370A	HYDRAULIC SNUBBER, PUMP, MPL 1B33G7065A	VT-3	2	602-102
F1.40	1B33-S370B	HYDRAULIC SNUBBER, PUMP, MPL 1B33G7065B	VT-3	(2)	602-104
F1.40	1B33-S371A	HYDRAULIC SNUBBER, PUMP, MPL 1B33G7066A	VT-3	3	602-102
F1.40	1B33-S371B	HYDRAULIC SNUBBER, PUMP, MPL 1B33G7066B	VT-3	NS	602-104
F1.40	1B33-S372A	HYDRAULIC SNUBBER, PUMP (WA), MPL 1B33G7067A	VT-3	1	602-102
F1.40	1B33-S372B	HYDRAULIC SNUBBER, PUMP (WA), MPL 1B33G7067B	VT-3	(2)	602-104
F1.40	1B33-S373A	HYDRAULIC SNUBBER, PUMP (WA), MPL 1B33G7068A	VT-3	1	602-102
F1.40	1B33-S373B	HYDRAULIC SNUBBER, PUMP (WA), MPL 1B33G7068B	VT-3	(2)	602-104
F1.40	1B33-S374A	HYDRAULIC SNUBBER, PUMP (WA), MPL 1B33G7069A	VT-3	2	602-102
F1.40	1B33-S374B	HYDRAULIC SNUBBER, PUMP (WA), MPL 1B33G7069B	VT-3	NS	602-104
F1.40	1B33-S375A	HYDRAULIC SNUBBER, PUMP (WA), MPL 1B33G7070A	VT-3	2	602-102
F1.40	1B33-S375B	HYDRAULIC SNUBBER, PUMP (WA), MPL 1B33G7070B	VT-3	NS	602-104
F1.2G	1C11-H0031	RIGID GUIDE (WA)	VT-3	(1)	871-103
F1.2G	1C11-H0032	RIGID GUIDE (WA)	VT-3	(1)	871-103
F1.2G	1C11-H0033	RIGID GUIDE (WA)	VT-3	1	871-103
F1.2ST	1C11-H0036	RIGID STRUT	VT-3	(2)	871-103
F1.2ST	1C11-H0037	RIGID STRUT	VT-3	NS	871-103
F1.2G	1C11-H0038	RIGID GUIDE (WA)	VT-3	(2)	871-103
F1.2G	1C11-H0039	RIGID GUIDE (WA)	VT-3	(2)	871-103
F1.2G	1C11-H0040	RIGID GUIDE (WA)	VT-3	3	871-104
F1.2G	1C11-H0041	RIGID GUIDE (WA)	VT-3	(2)	871-104
F1.2G	1C11-H0042	RIGID GUIDE (WA)	VT-3	(2)	871-104
F1.2G	1C11-H0043	RIGID GUIDE (WA)	VT-3	(2)	871-104
F1.2ST	1C11-H0044	RIGID STRUT	VT-3	NS	871-104
F1.2ST	1C11-H0045	RIGID STRUT	VT-3	NS	871-104
F1.2G	1C11-H0046	RIGID GUIDE (WA)	VT-3	(1)	871-101
F1.2ST	1C11-H0047	RIGID STRUT	VT-3	(1)	871-101
F1.2G	1C11-H0048	RIGID GUIDE (WA)	VT-3	(1)	871-101
F1.2G	1C11-H0049	RIGID GUIDE (WA)	VT-3	(2)	871-101

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.2ST	1C11-H0050	RIGID STRUT	VT-3	3	871-101
F1.2G	1C11-H0051	RIGID GUIDE (WA)	VT-3	(2)	871-101
F1.2G	1C11-H0052	RIGID GUIDE (WA)	VT-3	2	871-101
F1.2G	1C11-H0053	RIGID GUIDE (WA)	VT-3	(2)	871-101
F1.2ST	1C11-H0054	RIGID STRUT	VT-3	NS	871-102
F1.2G	1C11-H0056	RIGID GUIDE (WA)	VT-3	(2)	871-102
F1.2G	1C11-H0057	RIGID GUIDE (WA)	VT-3	(2)	871-102
F1.2ST	1C11-H0059	RIGID STRUT	VT-3	(1)	871-102
F1.2G	1C11-H0060	RIGID GUIDE (WA)	VT-3	(2)	871-102
F1.50	1C11-H0634	RIGID STRUT (AUGMENTED HEPIBER)	VT-3	2	871-105
F1.2SN	1C11-H0659	MECHANICAL SNUBBER (WA)	VT-3	1	871-102
F1.2ST	1C11-H0660	RIGID STRUT	VT-3	(2)	871-101
F1.2SN	1C11-H0661	MECHANICAL SNUBBER (WA)	VT-3	NS	871-101
F1.2SN	1C11-H0662	MECHANICAL SNUBBER (WA)	VT-3	(2)	871-104
F1.2SN	1C11-H0663	MECHANICAL SNUBBER	VT-3	3	871-103
F1.2ST	1C11-H0665	RIGID STRUT	VT-3	1	871-104
F1.2SN	1C11-H0666	MECHANICAL SNUBBER (WA)	VT-3	(2)	871-104
F1.2ST	1C11-H0667	RIGID STRUT	VT-3	NS	871-103
F1.2ST	1C11-H0668	RIGID STRUT	VT-3	NS	871-103
F1.2SN	1C11-H0673	MECHANICAL SNUBBER	VT-3	(2)	871-101
F1.2ST	1C11-H0674	RIGID STRUT	VT-3	(2)	871-101
F1.2SN	1C11-H0675	MECHANICAL SNUBBER (WA)	VT-3	(1)	871-102
F1.50	1C11-H0695	RIGID ANCHOR (AUGMENTED HEPIBER)	VT-3	2	871-105
F1.2SN	1C11-H5013	MECHANICAL SNUBBER	VT-3	(1)	871-101
F1.2SN	1C11-H5014	MECHANICAL SNUBBER	VT-3	(1)	871-103
F1.50	1C11-H5161	RIGID GUIDE (AUGMENTED HEPIBER)	VT-3	2	871-105
F1.1ST	1C41-H0056	RIGID STRUT	VT-3	3	691-101
F1.1G	1C41-H0059	RIGID GUIDE	VT-3	1	691-101
F1.1G	1C41-H0061	RIGID GUIDE	VT-3	(2)	691-101
F1.1ST	1C41-H0063	RIGID STRUT	VT-3	(2)	691-101
F1.1G	1C41-H0064	RIGID GUIDE	VT-3	(2)	691-101
F1.1G	1C41-H0065	RIGID GUIDE	VT-3	NS	691-101
F1.1G	1C41-H0066	RIGID GUIDE	VT-3	NS	691-101
F1.1SN	1C41-H0067	MECHANICAL SNUBBER	VT-3	NS	691-101

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Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.1SP	1C41-H0068	VARIABLE SPRING	VT-3	1	691-101
F1.1ST	1C41-H0069	RIGID STRUT	VT-3	(1)	691-101
F1.1SN	1C41-H0109	MECHANICAL SNUBBER (TANDEM)	VT-3	(1)	691-101
F1.1SN	1C41-H0110	MECHANICAL SNUBBER	VT-3	2	691-101
F1.1G	1C41-H0119	RIGID GUIDE	VT-3	NS	691-101
F1.1SN	1C41-H5000	MECHANICAL SNUBBER	VT-3	(1)	691-101
F1.1SN	1C41-H5001	MECHANICAL SNUBBER	VT-3	(1)	691-101
F1.1SN	1C41-H5002	MECHANICAL SNUBBER	VT-3	(2)	691-101
F1.1SN	1C41-H5003	MECHANICAL SNUBBER	VT-3	(2)	691-101
F1.1G	1C41-H5004	RIGID GUIDE	VT-3	3	691-101
F1.1SN	1C41-H5005	MECHANICAL SNUBBER	VT-3	3	691-101
F1.1G	1C41-H5021	RIGID GUIDE	VT-3	(1)	691-101
F1.1G	1C41-H5022	RIGID GUIDE	VT-3	NS	691-101
F1.40	1E12-B001A-SB1-SP	RIGID, HEAT EXCHANGER SUPPORT (WA)	VT-3	1	641-121
F1.40	1E12-B001A-SB2-SP	RIGID, HEAT EXCHANGER SUPPORT (WA)	VT-3	2	641-121
F1.40	1E12-B001A-SB3-SP	RIGID, HEAT EXCHANGER SUPPORT (WA)	VT-3	3	641-121
F1.40	1E12-B001A-SB4-SP	RIGID, HEAT EXCHANGER SUPPORT (WA)	VT-3	3	641-121
F1.40	1E12-B001B-SB1-SP	RIGID, HEAT EXCHANGER SUPPORT (WA)	VT-3	NS	643-121
F1.40	1E12-B001B-SB2-SP	RIGID, HEAT EXCHANGER SUPPORT (WA)	VT-3	NS	643-121
F1.40	1E12-B001B-SB3-SP	RIGID, HEAT EXCHANGER SUPPORT (WA)	VT-3	NS	643-121
F1.40	1E12-B001B-SB4-SP	RIGID, HEAT EXCHANGER SUPPORT (WA)	VT-3	NS	643-121
F1.40	1E12-B001C-SB1-SP	RIGID, HEAT EXCHANGER SUPPORT (WA)	VT-3	NS	641-122
F1.40	1E12-B001C-SB2-SP	RIGID, HEAT EXCHANGER SUPPORT (WA)	VT-3	NS	641-122
F1.40	1E12-B001C-SB3-SP	RIGID, HEAT EXCHANGER SUPPORT (WA)	VT-3	NS	641-122
F1.40	1E12-B001C-SB4-SP	RIGID, HEAT EXCHANGER SUPPORT (WA)	VT-3	NS	641-122
F1.40	1E12-B001D-SB1-SP	RIGID, HEAT EXCHANGER SUPPORT (WA)	VT-3	NS	643-123
F1.40	1E12-B001D-SB2-SP	RIGID, HEAT EXCHANGER SUPPORT (WA)	VT-3	NS	643-123
F1.40	1E12-B001D-SB3-SP	RIGID, HEAT EXCHANGER SUPPORT (WA)	VT-3	NS	643-123
F1.40	1E12-B001D-SB4-SP	RIGID, HEAT EXCHANGER SUPPORT (WA)	VT-3	NS	643-123
F1.40	1E12-B001A-SL1-SP	RIGID, HEAT EXCHANGER GUIDE (WA)	VT-3	1	641-121
F1.40	1E12-B001A-SL2-SP	RIGID, HEAT EXCHANGER GUIDE (WA)	VT-3	2	641-121
F1.40	1E12-B001A-SL3-SP	RIGID, HEAT EXCHANGER GUIDE (WA)	VT-3	1	641-121
F1.40	1E12-B001A-SL4-SP	RIGID, HEAT EXCHANGER GUIDE (WA)	VT-3	2	641-121
F1.40	1E12-B001B-SL1-SP	RIGID, HEAT EXCHANGER GUIDE (WA)	VT-3	NS	643-121

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-3u5-</u>
EXAMINATION CATEGORY: F-A					
F1.40	1E12-B001B-SL2-SP	RIGID, HEAT EXCHANGER GUIDE (WA)	VT-3	NS	643-121
F1.40	1E12-B001B-SL3-SP	RIGID, HEAT EXCHANGER GUIDE (WA)	VT-3	NS	643-121
F1.40	1E12-B001B-SL4-SP	RIGID, HEAT EXCHANGER GUIDE (WA)	VT-3	NS	643-121
F1.40	1E12-B001C-SL1-SP	RIGID, HEAT EXCHANGER GUIDE (WA)	VT-3	NS	641-122
F1.40	1E12-B001C-SL2-SP	RIGID, HEAT EXCHANGER GUIDE (WA)	VT-3	NS	641-122
F1.40	1E12-B001C-SL3-SP	RIGID, HEAT EXCHANGER GUIDE (WA)	VT-3	NS	641-122
F1.40	1E12-B001C-SL4-SP	RIGID, HEAT EXCHANGER GUIDE (WA)	VT-3	NS	641-122
F1.40	1E12-B001D-SL1-SP	RIGID, HEAT EXCHANGER GUIDE (WA)	VT-3	NS	643-123
F1.40	1E12-B001D-SL2-SP	RIGID, HEAT EXCHANGER GUIDE (WA)	VT-3	NS	643-123
F1.40	1E12-B001D-SL3-SP	RIGID, HEAT EXCHANGER GUIDE (WA)	VT-3	NS	643-123
F1.40	1E12-B001D-SL4-SP	RIGID, HEAT EXCHANGER GUIDE (WA)	VT-3	NS	643-123
F1.40	1E12-C002A-SP1	ANCHOR, PUMP SUPPORT	VT-3	1	641-120
F1.40	1E12-C002A-SP2	RIGID, PUMP GUIDE (WA)	VT-3	SR	641-120
F1.40	1E12-C002A-SP3	RIGID, PUMP GUIDE (WA)	VT-3	SR	641-120
F1.40	1E12-C002A-SP4	RIGID, PUMP GUIDE (WA)	VT-3	SR	641-120
F1.40	1E12-C002B-SP1	ANCHOR, PUMP SUPPORT	VT-3	NS	641-123
F1.40	1E12-C002B-SP2	RIGID, PUMP GUIDE (WA)	VT-3	NS	641-123
F1.40	1E12-C002B-SP3	RIGID, PUMP GUIDE (WA)	VT-3	NS	641-123
F1.40	1E12-C002B-SP4	RIGID, PUMP GUIDE (WA)	VT-3	NS	641-123
F1.40	1E12-C002C-SP1	ANCHOR, PUMP SUPPORT	VT-3	NS	643-122
F1.40	1E12-C002C-SP2	RIGID, PUMP GUIDE (WA)	VT-3	NS	643-122
F1.40	1E12-C002C-SP3	RIGID, PUMP GUIDE (WA)	VT-3	NS	643-122
F1.40	1E12-C002C-SP4	RIGID, PUMP GUIDE (WA)	VT-3	NS	643-122
F1.1ST	1E12-H0001	RIGID STRUT	VT-3	1	642-139
F1.1SP	1E12-H0003	VARIABLE SPRING	VT-3	1	642-141
F1.1SN	1E12-H0004	MECHANICAL SNUBBER	VT-3	2	642-141
F1.1SN	1E12-H0005	MECHANICAL SNUBBER	VT-3	(2)	642-140
F1.1SN	1E12-H0006	MECHANICAL SNUBBER	VT-3	NS	642-140
F1.1SN	1E12-H0007	MECHANICAL SNUBBER	VT-3	(1)	642-145
F1.1SP	1E12-H0009	VARIABLE SPRING	VT-3	NS	642-145
F1.1SN	1E12-H0010	MECHANICAL SNUBBER	VT-3	1	642-145
F1.1SN	1E12-H0011	MECHANICAL SNUBBER	VT-3	(1)	642-144
F1.1SN	1E12-H0012	MECHANICAL SNUBBER	VT-3	(2)	642-144
F1.1SN	1E12-H0015	MECHANICAL SNUBBER	VT-3	(2)	642-143
F1.1SN	1E12-H0016	MECHANICAL SNUBBER	VT-3	3	642-125

Inservice Examination Internal Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.1SN	1E12-H0017	MECHANICAL SNUBBER	VT-3	NS	642-125
F1.1SN	1E12-H0018	MECHANICAL SNUBBER	VT-3	NS	642-143
F1.1G	1E12-H0019	RIGID GUIDE	VT-3	1	642-143
F1.1SP	1E12-H0020	VARIABLE SPRING	VT-3	(1)	642-125
F1.1G	1E12-H0021	RIGID GUIDE	VT-3	(2)	642-143
F1.1G	1E12-H0022	RIGID GUIDE	VT-3	(2)	642-143
F1.1G	1E12-H0023	RIGID GUIDE	VT-3	(2)	642-143
F1.2SP	1E12-H0024	VARIABLE SPRING	VT-3	(1)	642-126
F1.1G	1E12-H0025	RIGID GUIDE	VT-3	NS	642-142
F1.1SN	1E12-H0026	MECHANICAL SNUBBER	VT-3	NS	642-142
F1.1G	1E12-H0027	RIGID GUIDE	VT-3	3	642-142
F1.1G	1E12-H0028	RIGID GUIDE	VT-3	(1)	642-142
F1.1G	1E12-H0029	RIGID GUIDE	VT-3	(1)	642-142
F1.1SN	1E12-H0030	MECHANICAL SNUBBER	VT-3	(2)	642-142
F1.1ST	1E12-H0032	RIGID STRUT	VT-3	(2)	642-142
F1.1SN	1E12-H0035	MECHANICAL SNUBBER	VT-3	NS	642-135
F1.1SN	1E12-H0036	MECHANICAL SNUBBER	VT-3	3	642-135
F1.2SN	1E12-H0039	MECHANICAL SNUBBER	VT-3	1	642-126
F1.1G	1E12-H0040	RIGID GUIDE	VT-3	NS	642-139
F1.2G	1E12-H0041	RIGID GUIDE	VT-3	(2)	642-127
F1.2SP	1E12-H0042	VARIABLE SPRING (TANDEM)	VT-3	(1)	642-127
F1.2G	1E12-H0043	RIGID GUIDE	VT-3	NS	642-126
F1.2G	1E12-H0044	RIGID GUIDE (WA)	VT-3	(2)	642-137
F1.2SN	1E12-H0045	MECHANICAL SNUBBER (TANDEM)	VT-3	NS	642-138
F1.1SN	1E12-H0046	MECHANICAL SNUBBER	VT-3	(1)	642-139
F1.1SN	1E12-H0047	MECHANICAL SNUBBER	VT-3	(1)	642-139
F1.1R	1E12-H0048	RIGID ROD	VT-3	(1)	642-139
F1.1SN	1E12-H0049	MECHANICAL SNUBBER	VT-3	(1)	642-139
F1.1R	1E12-H0050	RIGID ROD	VT-3	2	642-139
F1.1SN	1E12-H0051	MECHANICAL SNUBBER	VT-3	3	642-137
F1.1SP	1E12-H0052	VARIABLE SPRING	VT-3	NS	642-139
F1.1G	1E12-H0053	RIGID GUIDE	VT-3	NS	642-142
F1.1G	1E12-H0054	RIGID GUIDE	VT-3	1	642-142
F1.1ST	1E12-H0055	RIGID STRUT	VT-3	(1)	642-142
F1.1G	1E12-H0056	RIGID GUIDE	VT-3	(2)	642-142

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.1G	1E12-H0057	RIGID GUIDE	VT-3	(2)	642-142
F1.1G	1E12-H0058	RIGID GUIDE	VT-3	NS	642-142
F1.1G	1E12-H0059	RIGID GUIDE	VT-3	NS	642-143
F1.3SN	1E12-H0060	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(2)	642-149
F1.3SP	1E12-H0061	VARIABLE SPRING (WA)	VT-3	(2)	642-149
F1.3G	1E12-H0062	RIGID GUIDE (WA)	VT-3	3	642-149
F1.3ST	1E12-H0063	RIGID STRUT	VT-3	(2)	642-149
F1.1SN	1E12-H0074	MECHANICAL SNUBBER	VT-3	NS	642-142
F1.1SP	1E12-H0075	VARIABLE SPRING	VT-3	(1)	642-141
F1.1SP	1E12-H0076	VARIABLE SPRING	VT-3	(1)	642-145
F1.2ST	1E12-H0077	RIGID STRUT	VT-3	(2)	642-133
F1.2E	1E12-H0084	RIGID STRUT	VT-3	NS*	642-133
F1.2E	1E12-H0085	RIGID STRUT	VT-3	NS*	642-133
F1.2E	1E12-H0086	RIGID STRUT	VT-3	NS*	642-133
F1.2ST	1E12-H0093	RIGID STRUT (WA < .75" THICKNESS)	VT-3	(2)	642-121
F1.2E	1E12-H0095	RIGID STRUT	VT-3	NS*	642-121
F1.2E	1E12-H0097	RIGID STRUT	VT-3	NS*	642-121
F1.2E	1E12-H0099	RIGID STRUT	VT-3	NS*	642-121
F1.1SP	1E12-H0100	VARIABLE SPRING (WA)	VT-3	(1)	642-117
F1.2E	1E12-H0102	ANCHOR (WA < .75" THICKNESS)	VT-3	NS*	641-117
F1.2E	1E12-H0104	MECHANICAL SNUBBER	VT-3	NS*	642-119
F1.2E	1E12-H0105	MECHANICAL SNUBBER	VT-3	NS*	642-119
F1.2E	1E12-H0106	MECHANICAL SNUBBER	VT-3	NS*	642-119
F1.2E	1E12-H0107	VARIABLE SPRING	VT-3	NS*	642-119
F1.2E	1E12-H0108	MECHANICAL SNUBBER	VT-3	NS*	642-119
F1.2E	1E12-H0109	HYDRAULIC SNUBBER	VT-3	NS*	642-119
F1.2E	1E12-H0110	MECHANICAL SNUBBER	VT-3	NS*	642-119
F1.2E	1E12-H0111	RIGID STRUT	VT-3	NS*	642-119
F1.2ST	1E12-H0114	RIGID STRUT	VT-3	(2)	642-119
F1.2SN	1E12-H0115	MECHANICAL SNUBBER	VT-3	NS	642-119
F1.2SN	1E12-H0116	MECHANICAL SNUBBER (TANDEM)	VT-3	NS	642-119
F1.2G	1E12-H0117	RIGID GUIDE	VT-3	NS	642-119
F1.2A	1E12-H0118	ANCHOR (WA)	VT-3	(1)	642-119
F1.2E	1E12-H0119	RIGID STRUT	VT-3	NS*	642-132
F1.2A	1E12-H0120	ANCHOR (WA)	VT-3	2	643-110

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.2ST	1E12-H0121	RIGID STRUT	VT-3	(2)	642-132
F1.2SN	1E12-H0122	MECHANICAL SNUBBER (WA < .75") (TANDEM)	VT-3	(2)	642-132
F1.2ST	1E12-H0123	RIGID STRUT	VT-3	3	642-132
F1.2SN	1E12-H0124	MECHANICAL SNUBBER	VT-3	NS	642-132
F1.2E	1E12-H0128	ANCHOR (WA)	VT-3	NS*	641-116
F1.2E	1E12-H0136	RIGID STRUT (WA)	VT-3	NS*	643-116
F1.2SP	1E12-H0138	VARIABLE SPRING	VT-3	2	643-115
F1.2ST	1E12-H0140	RIGID STRUT	VT-3	NS	643-115
F1.2SP	1E12-H0141	VARIABLE SPRING	VT-3	NS	643-117
F1.2E	1E12-H0142	VARIABLE SPRING	VT-3	NS*	643-116
F1.2E	1E12-H0143	RIGID STRUT (WA)	VT-3	NS*	643-116
F1.2G	1E12-H0147	RIGID GUIDE	VT-3	NS	643-117
F1.2E	1E12-H0148	RIGID STRUT	VT-3	NS*	643-116
F1.2E	1E12-H0149	RIGID STRUT	VT-3	NS*	643-116
F1.2E	1E12-H0150	RIGID STRUT	VT-3	NS*	643-116
F1.2E	1E12-H0152	RIGID GUIDE	VT-3	NS*	641-116
F1.2E	1E12-H0153	RIGID GUIDE	VT-3	NS*	641-116
F1.2E	1E12-H0154	RIGID GUIDE	VT-3	NS*	641-116
F1.2E	1E12-H0157	RIGID STRUT	VT-3	NS*	641-117
F1.2E	1E12-H0158	RIGID STRUT	VT-3	NS*	641-117
F1.2E	1E12-H0159	RIGID STRUT	VT-3	NS*	641-117
F1.2E	1E12-H0160	RIGID GUIDE	VT-3	NS*	641-117
F1.2E	1E12-H0161	ANCHOR	VT-3	NS*	641-117
F1.2E	1E12-H0162	MECHANICAL SNUBBER	VT-3	NS*	643-116
F1.2E	1E12-H0163	RIGID GUIDE	VT-3	NS*	643-116
F1.2SN	1E12-H0164	MECHANICAL SNUBBER	VT-3	NS	643-117
F1.2SN	1E12-H0165	MECHANICAL SNUBBER	VT-3	(1)	643-117
F1.2SP	1E12-H0166	VARIABLE SPRING	VT-3	(1)	642-112
F1.2SP	1E12-H0167	VARIABLE SPRING	VT-3	(1)	642-111
F1.2SN	1E12-H0169	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(2)	642-111
F1.2SN	1E12-H0170	MECHANICAL SNUBBER	VT-3	2	642-111
F1.2SN	1E12-H0171	MECHANICAL SNUBBER	VT-3	NS	642-111
F1.2SN	1E12-H0172	MECHANICAL SNUBBER	VT-3	(1)	642-110
F1.2SP	1E12-H0173	VARIABLE SPRING (WA)	VT-3	NS	642-110
F1.2E	1E12-H0175	VARIABLE SPRING	VT-3	NS*	642-132

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.2E	1E12-H0176	RIGID STRUT	VT-3	NS*	642-108
F1.2E	1E12-H0177	VARIABLE SPRING	VT-3	NS*	642-108
F1.2E	1E12-H0178	RIGID STRUT	VT-3	NS*	642-108
F1.2E	1E12-H0180	MECHANICAL SNUBBER	VT-3	NS*	642-132
F1.2E	1E12-H0182	RIGID STRUT	VT-3	NS*	642-108
F1.2E	1E12-H0183	RIGID STRUT	VT-3	NS*	642-108
F1.2SP	1E12-H0184	VARIABLE SPRING	VT-3	(2)	641-118
F1.2E	1E12-H0185	RIGID STRUT	VT-3	NS*	643-101
F1.2SP	1E12-H0186	VARIABLE SPRING	VT-3	NS	643-101
F1.2G	1E12-H0187	RIGID GUIDE (WA)	VT-3	2	643-101
F1.2E	1E12-H0188	RIGID GUIDE	VT-3	NS*	643-111
F1.2E	1E12-H0189	VARIABLE SPRING	VT-3	NS*	643-111
F1.2E	1E12-H0190	MECHANICAL SNUBBER	VT-3	NS*	643-111
F1.2E	1E12-H0192	MECHANICAL SNUBBER	VT-3	NS*	643-111
F1.2E	1E12-H0193	VARIABLE SPRING	VT-3	NS*	643-107
F1.2E	1E12-H0194	VARIABLE SPRING	VT-3	NS*	643-108
F1.2E	1E12-H0195	MECHANICAL SNUBBER	VT-3	NS*	641-114
F1.2E	1E12-H0197	RIGID STRUT	VT-3	NS*	641-114
F1.2E	1E12-H0198	RIGID STRUT	VT-3	NS*	641-114
F1.2E	1E12-H0199	RIGID STRUT	VT-3	NS*	641-114
F1.2E	1E12-H0200	RIGID GUIDE	VT-3	NS*	641-114
F1.2G	1E12-H0201	RIGID GUIDE	VT-3	NS	643-104
F1.2E	1E12-H0202	RIGID STRUT	VT-3	NS*	641-114
F1.2SP	1E12-H0210	VARIABLE SPRING	VT-3	(1)	641-118
F1.2SN	1E12-H0211	MECHANICAL SNUBBER	VT-3	(1)	641-118
F1.2ST	1E12-H0212	RIGID STRUT	VT-3	(2)	641-118
F1.2SN	1E12-H0213	MECHANICAL SNUBBER	VT-3	(2)	641-118
F1.2E	1E12-H0214	RIGID STRUT	VT-3	NS*	641-113
F1.2E	1E12-H0215	VARIABLE SPRING	VT-3	NS*	641-113
F1.2E	1E12-H0216	RIGID STRUT	VT-3	NS*	641-113
F1.2E	1E12-H0219	RIGID STRUT	VT-3	NS*	641-119
F1.2E	1E12-H0220	RIGID STRUT	VT-3	NS*	641-119
F1.2E	1E12-H0233	RIGID STRUT	VT-3	NS*	641-119
F1.2E	1E12-H0234	MECHANICAL SNUBBER	VT-3	NS*	641-119
F1.2SP	1E12-H0236	VARIABLE SPRING	VT-3	NS	642-103

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.2SP	1E12-H0237	VARIABLE SPRING	VT-3	3	643-113
F1.2E	1E12-H0238	RIGID STRUT	VT-3	NS*	643-106
F1.2E	1E12-H0239	VARIABLE SPRING	VT-3	NS*	643-106
F1.2E	1E12-H0240	RIGID STRUT	VT-3	NS*	643-106
F1.2SP	1E12-H0254	VARIABLE SPRING	VT-3	NS	643-113
F1.2SN	1E12-H0255	MECHANICAL SNUBBER	VT-3	(1)	643-113
F1.2SN	1E12-H0256	MECHANICAL SNUBBER	VT-3	(1)	643-113
F1.2SN	1E12-H0257	MECHANICAL SNUBBER	VT-3	(2)	643-113
F1.2E	1E12-H0258	RIGID STRUT	VT-3	NS*	643-114
F1.2E	1E12-H0259	RIGID STRUT	VT-3	NS*	643-114
F1.2E	1E12-H0260	RIGID STRUT	VT-3	NS*	643-114
F1.2E	1E12-H0261	RIGID STRUT	VT-3	NS*	643-114
F1.2SN	1E12-H0263	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(1)	642-127
F1.2SN	1E12-H0264	MECHANICAL SNUBBER	VT-3	(1)	642-126
F1.2ST	1E12-H0277	RIGID STRUT	VT-3	1	641-112
F1.2ST	1E12-H0278	RIGID STRUT	VT-3	(1)	641-112
F1.2ST	1E12-H0279	RIGID STRUT	VT-3	(2)	641-112
F1.2SN	1E12-H0280	MECHANICAL SNUBBER	VT-3	(2)	641-112
F1.2A	1E12-H0281	ANCHOR (WA)	VT-3	NS	643-102
F1.2ST	1E12-H0282	RIGID STRUT	VT-3	NS	641-112
F1.2ST	1E12-H0283	RIGID STRUT	VT-3	NS	641-112
F1.2SN	1E12-H0284	MECHANICAL SNUBBER	VT-3	(1)	641-112
F1.2SP	1E12-H0286	VARIABLE SPRING	VT-3	NS	641-101
F1.2G	1E12-H0287	RIGID GUIDE	VT-3	NS	641-101
F1.2SN	1E12-H0288	MECHANICAL SNUBBER	VT-3	(1)	641-101
F1.2SN	1E12-H0289	MECHANICAL SNUBBER (WA)	VT-3	(2)	641-101
F1.2SN	1E12-H0290	MECHANICAL SNUBBER (WA)	VT-3	(1)	641-101
F1.2SP	1E12-H0291	VARIABLE SPRING	VT-3	2	641-101
F1.2SN	1E12-H0292	MECHANICAL SNUBBER	VT-3	3	641-101
F1.2SN	1E12-H0293	MECHANICAL SNUBBER (TANDEM)	VT-3	NS	641-101
F1.2SP	1E12-H0294	VARIABLE SPRING	VT-3	NS	641-101
F1.2SN	1E12-H0295	MECHANICAL SNUBBER	VT-3	(2)	642-105
F1.2E	1E12-H0299	RIGID STRUT	VT-3	NS*	641-115
F1.2E	1E12-H0300	RIGID STRUT	VT-3	NS*	641-115
F1.2E	1E12-H0301	RIGID STRUT	VT-3	NS*	641-115

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.2E	1E12-H0302	RIGID STRUT	VT-3	NS*	641-115
F1.2E	1E12-H0303	MECHANICAL SNUBBER	VT-3	NS*	641-115
F1.2E	1E12-H0304	RIGID STRUT	VT-3	NS*	641-115
F1.2E	1E12-H0305	MECHANICAL SNUBBER (WA)	VT-3	NS*	641-115
F1.2E	1E12-H0306	RIGID STRUT	VT-3	NS*	641-115
F1.2SP	1E12-H0308	VARIABLE SPRING (WA)	VT-3	NS	642-105
F1.2SN	1E12-H0309	MECHANICAL SNUBBER	VT-3	NS	642-105
F1.2SN	1E12-H0310	MECHANICAL SNUBBER	VT-3	NS	642-105
F1.2SP	1E12-H0311	VARIABLE SPRING	VT-3	(1)	642-107
F1.2SP	1E12-H0312	VARIABLE SPRING (WA <.75" THICKNESS)	VT-3	(1)	642-107
F1.2SN	1E12-H0313	MECHANICAL SNUBBER	VT-3	(2)	642-107
F1.2SN	1E12-H0314	MECHANICAL SNUBBER	VT-3	(2)	642-107
F1.2SN	1E12-H0315	HYDRAULIC SNUBBER	VT-3	NS	642-107
F1.2SN	1E12-H0316	HYDRAULIC SNUBBER	VT-3	NS	642-107
F1.2E	1E12-H0317	MECHANICAL SNUBBER	VT-3	NS*	641-101
F1.2E	1E12-H0318	MECHANICAL SNUBBER	VT-3	NS*	641-101
F1.2E	1E12-H0319	VARIABLE SPRING	VT-3	NS*	641-101
F1.2E	1E12-H0320	ANCHOR (WA)	VT-3	NS*	641-101
F1.2SN	1E12-H0322	MECHANICAL SNUBBER (WA)	VT-3	(1)	642-103
F1.2SN	1E12-H0323	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(2)	642-103
F1.2SN	1E12-H0324	MECHANICAL SNUBBER	VT-3	(2)	642-105
F1.2SN	1E12-H0325	MECHANICAL SNUBBER	VT-3	(2)	642-105
F1.2G	1E12-H0328	RIGID GUIDE (WA <.75" THICKNESS)	VT-3	NS	641-102
F1.2E	1E12-H0331	VARIABLE SPRING	VT-3	NS*	641-102
F1.2E	1E12-H0333	MECHANICAL SNUBBER	VT-3	NS*	641-103
F1.2E	1E12-H0334	VARIABLE SPRING	VT-3	NS*	641-103
F1.2E	1E12-H0335	RIGID GUIDE	VT-3	NS*	641-103
F1.2SP	1E12-H0338	VARIABLE SPRING	VT-3	NS	641-102
F1.2E	1E12-H0339	MECHANICAL SNUBBER	VT-3	NS*	641-104
F1.2E	1E12-H0340	MECHANICAL SNUBBER	VT-3	NS*	641-108
F1.2E	1E12-H0341	VARIABLE SPRING	VT-3	NS*	641-108
F1.2E	1E12-H0344	MECHANICAL SNUBBER	VT-3	NS*	641-108
F1.2E	1E12-H0345	MECHANICAL SNUBBER	VT-3	NS*	641-108
F1.2E	1E12-H0346	VARIABLE SPRING	VT-3	NS*	641-108
F1.2E	1E12-H0347	MECHANICAL SNUBBER	VT-3	NS*	641-108

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.2E	1E12-H0348	RIGID STRUT	VT-3	NS*	641-102
F1.2SN	1E12-H0349	MECHANICAL SNUBBER	VT-3	NS	641-112
F1.2E	1E12-H0352	RIGID STRUT	VT-3	NS*	642-122
F1.2E	1E12-H0353	RIGID STRUT	VT-3	NS*	642-122
F1.2E	1E12-H0354	ANCHOR (WA)	VT-3	NS*	642-122
F1.1ST	1E12-H0355	RIGID STRUT	VT-3	(1)	642-122
F1.2E	1E12-H0356	RIGID GUIDE	VT-3	NS*	642-122
F1.2SP	1E12-H0357	VARIABLE SPRING	VT-3	NS	642-116
F1.2SP	1E12-H0358	VARIABLE SPRING	VT-3	(1)	642-116
F1.2SN	1E12-H0359	MECHANICAL SNUBBER (WA)	VT-3	(2)	642-116
F1.2SN	1E12-H0360	MECHANICAL SNUBBER (WA)	VT-3	1	642-116
F1.2SN	1E12-H0361	HYDRAULIC SNUBBER	VT-3	(1)	642-116
F1.2SN	1E12-H0362	HYDRAULIC SNUBBER	VT-3	(2)	642-116
F1.2SP	1E12-H0363	VARIABLE SPRING	VT-3	(2)	642-114
F1.2ST	1E12-H0364	RIGID STRUT	VT-3	(1)	642-114
F1.2SN	1E12-H0365	MECHANICAL SNUBBER	VT-3	3	642-114
F1.2SP	1E12-H0366	VARIABLE SPRING	VT-3	NS	642-114
F1.2SN	1E12-H0367	MECHANICAL SNUBBER (WA < .75" THICKNESS)	VT-3	(1)	642-114
F1.2SN	1E12-H0368	HYDRAULIC SNUBBER (WA)	VT-3	(2)	642-114
F1.2ST	1E12-H0369	RIGID STRUT (WA)	VT-3	NS	642-114
F1.2SN	1E12-H0370	MECHANICAL SNUBBER	VT-3	(2)	642-114
F1.2SP	1E12-H0371	VARIABLE SPRING	VT-3	(2)	642-114
F1.2SP	1E12-H0372	VARIABLE SPRING (WA)	VT-3	(2)	642-113
F1.2SN	1E12-H0373	MECHANICAL SNUBBER	VT-3	NS	642-113
F1.2SN	1E12-H0374	MECHANICAL SNUBBER	VT-3	(1)	642-113
F1.2SN	1E12-H0375	MECHANICAL SNUBBER	VT-3	(1)	642-113
F1.2SN	1E12-H0376	MECHANICAL SNUBBER	VT-3	(2)	642-113
F1.2SN	1E12-H0377	MECHANICAL SNUBBER	VT-3	(2)	642-102
F1.2SN	1E12-H0378	MECHANICAL SNUBBER	VT-3	3	642-102
F1.2SN	1E12-H0379	MECHANICAL SNUBBER	VT-3	NS	642-102
F1.2ST	1E12-H0380	RIGID STRUT	VT-3	NS	642-109
F1.2ST	1E12-H0381	RIGID STRUT	VT-3	(1)	642-109
F1.2E	1E12-H0382	MECHANICAL SNUBBER	VT-3	NS*	642-114
F1.2E	1E12-H0383	MECHANICAL SNUBBER	VT-3	NS*	642-114
F1.2E	1E12-H0384	VARIABLE SPRING	VT-3	NS*	642-114

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.2SN	1E12-H0385	MECHANICAL SNUBBER	VT-3	(1)	642-101
F1.2SN	1E12-H0386	MECHANICAL SNUBBER	VT-3	(1)	642-102
F1.2SN	1E12-H0388	MECHANICAL SNUBBER	VT-3	(2)	642-102
F1.2SN	1E12-H0389	MECHANICAL SNUBBER	VT-3	NS	642-101
F1.2SP	1E12-H0390	VARIABLE SPRING	VT-3	3	642-101
F1.2SN	1E12-H0391	MECHANICAL SNUBBER	VT-3	(2)	642-102
F1.2SN	1E12-H0392	MECHANICAL SNUBBER	VT-3	(2)	642-102
F1.2E	1E12-H0393	MECHANICAL SNUBBER	VT-3	NS*	642-101
F1.2E	1E12-H0394	MECHANICAL SNUBBER	VT-3	NS*	642-101
F1.2E	1E12-H0395	VARIABLE SPRING	VT-3	NS*	642-101
F1.2SP	1E12-H0396	VARIABLE SPRING	VT-3	NS	642-102
F1.2E	1E12-H0397	ANCHOR (WA)	VT-3	NS*	643-101
F1.2E	1E12-H0400	ANCHOR (WA)	VT-3	NS*	642-104
F1.2A	1E12-H0401	ANCHOR (WA)	VT-3	NS	642-109
F1.2E	1E12-H0403	ANCHOR (WA)	VT-3	NS*	642-114
F1.2E	1E12-H0406	VARIABLE SPRING	VT-3	NS*	642-134
F1.2E	1E12-H0407	MECHANICAL SNUBBER	VT-3	NS*	642-134
F1.2E	1E12-H0408	MECHANICAL SNUBBER	VT-3	NS*	642-134
F1.1SP	1E12-H0409	VARIABLE SPRING	VT-3	2	642-134
F1.2SN	1E12-H0410	MECHANICAL SNUBBER	VT-3	NS	642-134
F1.2A	1E12-H0412	ANCHOR (WA)	VT-3	(1)	643-117
F1.2E	1E12-H0414	MECHANICAL SNUBBER	VT-3	NS*	642-134
F1.2E	1E12-H0415	RIGID STRUT	VT-3	NS*	642-134
F1.1SN	1E12-H0416	MECHANICAL SNUBBER	VT-3	2	642-134
F1.2SP	1E12-H0417	VARIABLE SPRING	VT-3	(2)	642-134
F1.1SN	1E12-H0418	MECHANICAL SNUBBER	VT-3	NS	642-134
F1.1SN	1E12-H0419	MECHANICAL SNUBBER	VT-3	NS	642-134
F1.2E	1E12-H0420	VARIABLE SPRING	VT-3	NS*	643-120
F1.2E	1E12-H0421	MECHANICAL SNUBBER	VT-3	NS*	643-120
F1.2E	1E12-H0422	MECHANICAL SNUBBER	VT-3	NS*	643-119
F1.2E	1E12-H0423	MECHANICAL SNUBBER (WA)	VT-3	NS*	643-119
F1.2SN	1E12-H0424	MECHANICAL SNUBBER	VT-3	(1)	643-120
F1.2SN	1E12-H0425	MECHANICAL SNUBBER	VT-3	(2)	643-120
F1.2SP	1E12-H0426	VARIABLE SPRING	VT-3	2	643-120
F1.2SN	1E12-H0427	MECHANICAL SNUBBER	VT-3	NS	643-120

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.2SN	1E12-H0428	MECHANICAL SNUBBER	VT-3	NS	643-120
F1.2SN	1E12-H0430	MECHANICAL SNUBBER	VT-3	(2)	642-134
F1.2ST	1E12-H0432	RIGID STRUT	VT-3	NS	642-112
F1.2SP	1E12-H0433	VARIABLE SPRING	VT-3	NS	642-111
F1.2SN	1E12-H0435	MECHANICAL SNUBBER	VT-3	(2)	643-102
F1.2SP	1E12-H0436	VARIABLE SPRING	VT-3	(2)	643-102
F1.2SN	1E12-H0437	MECHANICAL SNUBBER	VT-3	NS	643-102
F1.2SP	1E12-H0438	VARIABLE SPRING	VT-3	NS	643-102
F1.2SN	1E12-H0439	MECHANICAL SNUBBER	VT-3	NS	643-102
F1.2E	1E12-H0440	MECHANICAL SNUBBER	VT-3	NS*	643-102
F1.2E	1E12-H0441	MECHANICAL SNUBBER	VT-3	NS*	643-102
F1.2ST	1E12-H0443	RIGID STRUT	VT-3	1	643-102
F1.2SP	1E12-H0444	VARIABLE SPRING	VT-3	(2)	643-102
F1.2ST	1E12-H0445	RIGID STRUT	VT-3	(2)	643-102
F1.2G	1E12-H0446	RIGID GUIDE	VT-3	NS	643-102
F1.2SN	1E12-H0447	MECHANICAL SNUBBER (TANDEM)	VT-3	NS	643-102
F1.2SP	1E12-H0448	VARIABLE SPRING	VT-3	NS	643-102
F1.2SN	1E12-H0449	MECHANICAL SNUBBER	VT-3	(1)	643-104
F1.2G	1E12-H0450	RIGID GUIDE	VT-3	(1)	643-104
F1.2SP	1E12-H0451	VARIABLE SPRING (WA)	VT-3	(2)	641-104
F1.2G	1E12-H0454	RIGID GUIDE	VT-3	(2)	641-109
F1.2SN	1E12-H0455	MECHANICAL SNUBBER	VT-3	NS	641-109
F1.2ST	1E12-H0456	RIGID STRUT	VT-3	NS	641-110
F1.2E	1E12-H0457	MECHANICAL SNUBBER	VT-3	NS*	641-110
F1.2SP	1E12-H0458	VARIABLE SPRING	VT-3	1	641-110
F1.2SN	1E12-H0459	MECHANICAL SNUBBER	VT-3	(2)	641-110
F1.2SN	1E12-H0460	MECHANICAL SNUBBER (TANDEM)	VT-3	2	641-110
F1.2SP	1E12-H0461	VARIABLE SPRING	VT-3	NS	641-110
F1.2SN	1E12-H0462	MECHANICAL SNUBBER	VT-3	NS	641-110
F1.2A	1E12-H0463	ANCHOR (WA)	VT-3	(1)	641-110
F1.2SP	1E12-H0464	VARIABLE SPRING (WA)	VT-3	NS	641-109
F1.2G	1E12-H0465	RIGID GUIDE	VT-3	1	641-110
F1.2SN	1E12-H0466	MECHANICAL SNUBBER (TANDEM)	VT-3	(1)	641-110
F1.2E	1E12-H0467	MECHANICAL SNUBBER (TANDEM)	VT-3	NS*	641-110
F1.2E	1E12-H0468	VARIABLE SPRING	VT-3	NS*	641-110

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.2SP	1E12-H0469	VARIABLE SPRING	VT-3	(2)	641-110
F1.2ST	1E12-H0470	RIGID STRUT	VT-3	2	641-110
F1.2SP	1E12-H0471	VARIABLE SPRING	VT-3	NS	641-110
F1.2ST	1E12-H0472	RIGID STRUT	VT-3	NS	643-102
F1.2ST	1E12-H0473	RIGID STRUT	VT-3	NS	641-110
F1.1G	1E12-H0474	RIGID GUIDE	VT-3	NS	642-144
F1.2ST	1E12-H0475	RIGID STRUT (WA)	VT-3	(1)	642-121
F1.1G	1E12-H0476	RIGID GUIDE	VT-3	(1)	642-140
F1.1SP	1E12-H0478	VARIABLE SPRING	VT-3	(1)	642-145
F1.2E	1E12-H0482	RIGID STRUT	VT-3	NS*	643-112
F1.2E	1E12-H0483	RIGID STRUT	VT-3	NS*	641-107
F1.2SN	1E12-H0484	MECHANICAL SNUBBER (WA)	VT-3	(2)	642-129
F1.2SN	1E12-H0485	MECHANICAL SNUBBER	VT-3	NS	642-129
F1.2SN	1E12-H0486	MECHANICAL SNUBBER	VT-3	NS	642-129
F1.2SP	1E12-H0487	VARIABLE SPRING	VT-3	(1)	642-129
F1.2SN	1E12-H0488	MECHANICAL SNUBBER (WA)	VT-3	(1)	642-129
F1.2G	1E12-H0489	RIGID GUIDE (WA)	VT-3	NS	642-130
F1.2SN	1E12-H0490	HYDRAULIC SNUBBER	VT-3	(2)	642-130
F1.2SN	1E12-H0491	HYDRAULIC SNUBBER	VT-3	(2)	642-130
F1.2E	1E12-H0492	MECHANICAL SNUBBER	VT-3	NS*	642-123
F1.2E	1E12-H0493	RIGID STRUT	VT-3	NS*	642-123
F1.2SN	1E12-H0496	MECHANICAL SNUBBER	VT-3	(2)	641-106
F1.2SN	1E12-H0497	MECHANICAL SNUBBER	VT-3	NS	641-106
F1.2SN	1E12-H0498	MECHANICAL SNUBBER (TANDEM)	VT-3	NS	641-106
F1.2SP	1E12-H0499	VARIABLE SPRING	VT-3	3	641-106
F1.2SN	1E12-H0500	MECHANICAL SNUBBER	VT-3	(1)	641-106
F1.2SN	1E12-H0501	MECHANICAL SNUBBER	VT-3	(1)	641-106
F1.2SN	1E12-H0502	MECHANICAL SNUBBER	VT-3	2	641-106
F1.2SN	1E12-H0503	MECHANICAL SNUBBER	VT-3	(2)	641-119
F1.2ST	1E12-H0504	RIGID STRUT	VT-3	NS	641-119
F1.2SP	1E12-H0505	VARIABLE SPRING	VT-3	NS	641-119
F1.2SN	1E12-H0506	MECHANICAL SNUBBER (TANDEM)	VT-3	NS	641-109
F1.2E	1E12-H0510	MECHANICAL SNUBBER	VT-3	NS*	641-105
F1.2E	1E12-H0511	MECHANICAL SNUBBER	VT-3	NS*	641-103
F1.2E	1E12-H0512	MECHANICAL SNUBBER	VT-3	NS*	641-103

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.2E	1E12-H0513	MECHANICAL SNUBBER	VT-3	NS*	641-103
F1.2E	1E12-H0514	VARIABLE SPRING	VT-3	NS*	641-105
F1.2SN	1E12-H0526	MECHANICAL SNUBBER	VT-3	(1)	641-105
F1.2SP	1E12-H0527	VARIABLE SPRING	VT-3	(2)	641-105
F1.2SN	1E12-H0528	MECHANICAL SNUBBER	VT-3	(1)	641-105
F1.2SP	1E12-H0529	VARIABLE SPRING (WA)	VT-3	(2)	641-106
F1.2E	1E12-H0533	MECHANICAL SNUBBER (WA <.75" THICKNESS)	VT-3	NS*	641-105
F1.2SP	1E12-H0534	VARIABLE SPRING	VT-3	(2)	643-114
F1.2SN	1E12-H0535	MECHANICAL SNUBBER	VT-3	NS	643-114
F1.2SP	1E12-H0536	VARIABLE SPRING	VT-3	NS	643-105
F1.2E	1E12-H0545	MECHANICAL SNUBBER	VT-3	NS*	643-111
F1.2E	1E12-H0546	MECHANICAL SNUBBER	VT-3	NS*	643-111
F1.2E	1E12-H0547	VARIABLE SPRING	VT-3	NS*	643-111
F1.2SP	1E12-H0548	VARIABLE SPRING	VT-3	NS	643-110
F1.2ST	1E12-H0549	RIGID STRUT	VT-3	NS	643-110
F1.2SP	1E12-H0550	VARIABLE SPRING	VT-3	(1)	643-110
F1.2SN	1E12-H0551	MECHANICAL SNUBBER	VT-3	(1)	643-109
F1.2SP	1E12-H0552	VARIABLE SPRING	VT-3	(2)	643-109
F1.2SP	1E12-H0553	VARIABLE SPRING	VT-3	(2)	643-109
F1.2SN	1E12-H0554	MECHANICAL SNUBBER	VT-3	NS	643-109
F1.2SN	1E12-H0555	MECHANICAL SNUBBER	VT-3	NS	643-109
F1.2SN	1E12-H0556	MECHANICAL SNUBBER (TANDEM)	VT-3	3	643-109
F1.2SN	1E12-H0557	MECHANICAL SNUBBER	VT-3	(1)	643-109
F1.2SN	1E12-H0558	MECHANICAL SNUBBER	VT-3	(1)	643-109
F1.2SP	1E12-H0559	VARIABLE SPRING	VT-3	1	642-136
F1.2SN	1E12-H0560	MECHANICAL SNUBBER (TANDEM)	VT-3	(1)	642-136
F1.2SN	1E12-H0561	MECHANICAL SNUBBER	VT-3	2	642-136
F1.2ST	1E12-H0562	RIGID STRUT	VT-3	2	643-110
F1.2ST	1E12-H0563	RIGID STRUT	VT-3	(2)	643-110
F1.2E	1E12-H0564	RIGID STRUT	VT-3	NS*	643-111
F1.2E	1E12-H0565	MECHANICAL SNUBBER (TANDEM)	VT-3	NS*	643-109
F1.2E	1E12-H0566	VARIABLE SPRING	VT-3	NS*	643-109
F1.2E	1E12-H0567	MECHANICAL SNUBBER	VT-3	NS*	643-109
F1.2SN	1E12-H0569	MECHANICAL SNUBBER	VT-3	NS	643-105
F1.2SN	1E12-H0570	MECHANICAL SNUBBER	VT-3	NS	643-114

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.2SN	1E12-H0571	MECHANICAL SNUBBER	VT-3	NS	643-105
F1.2ST	1E12-H0572	RIGID STRUT	VT-3	(1)	643-105
F1.2ST	1E12-H0573	RIGID STRUT (WA)	VT-3	(2)	642-149
F1.2E	1E12-H0611	ANCHOR (WA)	VT-3	NS*	641-114
F1.2E	1E12-H0614	RIGID STRUT SEE NOTE 1	VT-3	NS*	643-110
F1.2SP	1E12-H0615	VARIABLE SPRING	VT-3	(1)	643-109
F1.2SN	1E12-H0616	MECHANICAL SNUBBER	VT-3	(1)	643-109
F1.2E	1E12-H0617	MECHANICAL SNUBBER (WA)	VT-3	NS*	643-110
F1.2ST	1E12-H0618	RIGID STRUT	VT-3	(2)	643-114
F1.2E	1E12-H0620	ANCHOR	VT-3	NS*	643-111
F1.3ST	1E12-H0624	RIGID STRUT	VT-3	2	642-149
F1.3ST	1E12-H0626	RIGID STRUT	VT-3	(2)	642-149
F1.1ST	1E12-H0633	RIGID STRUT	VT-3	2	642-122
F1.2E	1E12-H0635	RIGID STRUT	VT-3	NS*	642-132
F1.1R	1E12-H0639	RIGID ROD	VT-3	(2)	642-143
F1.1ST	1E12-H0641	RIGID STRUT	VT-3	(2)	642-142
F1.1ST	1E12-H0642	RIGID STRUT	VT-3	NS	642-142
F1.1ST	1E12-H0643	RIGID STRUT	VT-3	NS	642-143
F1.1ST	1E12-H0644	RIGID STRUT	VT-3	NS	642-143
F1.2E	1E12-H0646	RIGID STRUT	VT-3	NS*	642-108
F1.1G	1E12-H0648	RIGID GUIDE	VT-3	2	642-122
F1.2E	1E12-H0649	RIGID STRUT	VT-3	NS*	642-122
F1.2E	1E12-H0650	RIGID STRUT	VT-3	NS*	642-122
F1.2E	1E12-H0651	RIGID STRUT	VT-3	NS*	642-122
F1.1SN	1E12-H0652	MECHANICAL SNUBBER	VT-3	2	642-137
F1.1SN	1E12-H0653	MECHANICAL SNUBBER	VT-3	NS	642-137
F1.1ST	1E12-H0654	RIGID STRUT	VT-3	(1)	642-139
F1.2ST	1E12-H0657	RIGID STRUT	VT-3	NS	642-138
F1.2ST	1E12-H0658	RIGID STRUT	VT-3	NS	642-138
F1.1SN	1E12-H0660	MECHANICAL SNUBBER (TANDEM)	VT-3	1	642-137
F1.2SP	1E12-H0661	VARIABLE SPRING	VT-3	NS	642-137
F1.2E	1E12-H0662	RIGID STRUT	VT-3	NS*	641-108
F1.2E	1E12-H0663	RIGID STRUT	VT-3	NS*	641-108
F1.2ST	1E12-H0665	RIGID STRUT	VT-3	2	641-104
F1.2SN	1E12-H0666	MECHANICAL SNUBBER	VT-3	NS	641-104

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.2SP	1E12-H0667	VARIABLE SPRING	VT-3	NS	641-106
F1.2SP	1E12-H0670	VARIABLE SPRING (WA)	VT-3	(1)	642-137
F1.1SN	1E12-H0671	MECHANICAL SNUBBER (TANDEM)	VT-3	NS	642-141
F1.2ST	1E12-H0673	RIGID STRUT	VT-3	(2)	642-127
F1.1SP	1E12-H0675	VARIABLE SPRING	VT-3	3	642-141
F1.2E	1E12-H0676	RIGID GUIDE	VT-3	NS*	641-103
F1.2E	1E12-H0677	RIGID GUIDE	VT-3	NS*	641-103
F1.2E	1E12-H0678	RIGID STRUT	VT-3	NS*	641-103
F1.2E	1E12-H0679	MECHANICAL SNUBBER	VT-3	NS*	641-103
F1.2E	1E12-H0680	MECHANICAL SNUBBER	VT-3	NS*	641-103
F1.2E	1E12-H0681	MECHANICAL SNUBBER	VT-3	NS*	641-103
F1.2E	1E12-H0682	MECHANICAL SNUBBER	VT-3	NS*	641-103
F1.2ST	1E12-H0683	RIGID STRUT	VT-3	NS	641-102
F1.2E	1E12-H0684	RIGID STRUT	VT-3	NS*	641-107
F1.2E	1E12-H0685	RIGID GUIDE	VT-3	NS*	641-103
F1.2E	1E12-H0687	RIGID STRUT	VT-3	NS*	641-115
F1.2E	1E12-H0688	RIGID STRUT	VT-3	NS*	643-110
F1.2ST	1E12-H0689	RIGID STRUT	VT-3	(1)	641-104
F1.2ST	1E12-H0690	RIGID STRUT	VT-3	(1)	641-104
F1.2SP	1E12-H0691	VARIABLE SPRING	VT-3	(2)	641-110
F1.1R	1E12-H0692	RIGID ROD	VT-3	NS	642-139
F1.2G	1E12-H0693	RIGID GUIDE	VT-3	3	642-137
F1.3SN	1E12-H0694	MECHANICAL SNUBBER	VT-3	3	642-149
F1.1G	1E12-H0695	RIGID GUIDE	VT-3	NS	642-139
F1.3ST	1E12-H0698	RIGID STRUT	VT-3	NS	642-149
F1.3SN	1E12-H0699	MECHANICAL SNUBBER	VT-3	(2)	642-149
F1.2E	1E12-H0702	RIGID STRUT	VT-3	NS*	642-121
F1.2E	1E12-H0703	RIGID STRUT	VT-3	NS*	642-121
F1.2ST	1E12-H0707	RIGID STRUT	VT-3	(2)	643-115
F1.2ST	1E12-H0708	RIGID STRUT (WA)	VT-3	3	643-117
F1.2E	1E12-H0709	VARIABLE SPRING	VT-3	NS*	643-116
F1.2E	1E12-H0710	MECHANICAL SNUBBER	VT-3	NS*	642-111
F1.2E	1E12-H0711	VARIABLE SPRING	VT-3	NS*	642-111
F1.2E	1E12-H0712	MECHANICAL SNUBBER	VT-3	NS*	642-111
F1.2ST	1E12-H0713	RIGID STRUT	VT-3	NS	642-111

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.2ST	1E12-H0714	RIGID STRUT	VT-3	1	642-111
F1.2E	1E12-H0717	RIGID STRUT	VT-3	NS*	642-133
F1.2E	1E12-H0718	RIGID STRUT	VT-3	NS*	642-133
F1.2ST	1E12-H0719	RIGID STRUT	VT-3	NS	642-133
F1.2ST	1E12-H0720	RIGID STRUT (WA < .75" THK)	VT-3	NS	642-133
F1.2ST	1E12-H0721	RIGID STRUT (WA < .75" THK)	VT-3	NS	642-121
F1.2E	1E12-H0723	RIGID STRUT	VT-3	NS*	642-133
F1.2E	1E12-H0724	RIGID STRUT (WA)	VT-3	NS*	642-121
F1.1SN	1E12-H0726	HYDRAULIC SNUBBER	VT-3	3	642-141
F1.2E	1E12-H0727	RIGID STRUT	VT-3	NS*	641-119
F1.2SN	1E12-H0729	MECHANICAL SNUBBER	VT-3	1	642-101
F1.2SN	1E12-H0730	MECHANICAL SNUBBER (WA < .75" THK)	VT-3	(1)	642-103
F1.2SN	1E12-H0731	MECHANICAL SNUBBER (WA)	VT-3	(1)	642-101
F1.2SP	1E12-H0732	VARIABLE SPRING	VT-3	(2)	642-101
F1.2ST	1E12-H0733	RIGID STRUT	VT-3	NS	642-101
F1.2SN	1E12-H0734	MECHANICAL SNUBBER	VT-3	1	642-134
F1.1SP	1E12-H0735	VARIABLE SPRING	VT-3	(1)	642-134
F1.1SN	1E12-H0736	MECHANICAL SNUBBER	VT-3	1	642-134
F1.2SN	1E12-H0737	MECHANICAL SNUBBER	VT-3	(2)	643-120
F1.2SN	1E12-H0738	MECHANICAL SNUBBER	VT-3	(2)	643-120
F1.1ST	1E12-H0739	RIGID STRUT	VT-3	(2)	642-125
F1.1ST	1E12-H0740	RIGID STRUT	VT-3	(2)	642-125
F1.1SN	1E12-H0741	MECHANICAL SNUBBER (TANDEM)	VT-3	NS	642-125
F1.2SN	1E12-H0747	MECHANICAL SNUBBER	VT-3	2	642-132
F1.1G	1E12-H0748	RIGID GUIDE	VT-3	3	642-141
F1.1SN	1E12-H0749	MECHANICAL SNUBBER	VT-3	NS	642-141
F1.1SN	1E12-H0750	MECHANICAL SNUBBER	VT-3	(1)	642-141
F1.2E	1E12-H0751	MECHANICAL SNUBBER	VT-3	NS*	642-132
F1.2E	1E12-H0752	MECHANICAL SNUBBER	VT-3	NS*	642-132
F1.2E	1E12-H0763	VARIABLE SPRING	VT-3	NS*	643-102
F1.1SN	1E12-H0764	MECHANICAL SNUBBER	VT-3	(1)	642-145
F1.1SN	1E12-H0765	MECHANICAL SNUBBER	VT-3	2	642-145
F1.1SN	1E12-H0766	MECHANICAL SNUBBER (TANDEM)	VT-3	(1)	642-145
F1.1G	1E12-H0767	RIGID GUIDE	VT-3	(1)	642-145
F1.2SN	1E12-H0769	MECHANICAL SNUBBER	VT-3	(1)	642-102

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.2SN	1E12-H0770	MECHANICAL SNUBBER	VT-3	NS	642-126
F1.2SN	1E12-H0771	MECHANICAL SNUBBER	VT-3	NS	642-126
F1.2SN	1E12-H0772	MECHANICAL SNUBBER	VT-3	3	642-126
F1.2SN	1E12-H0774	MECHANICAL SNUBBER	VT-3	NS	641-112
F1.1SN	1E12-H0777	MECHANICAL SNUBBER	VT-3	NS	642-142
F1.2E	1E12-H0779	MECHANICAL SNUBBER	VT-3	NS*	643-108
F1.2E	1E12-H0780	MECHANICAL SNUBBER	VT-3	NS*	641-114
F1.2E	1E12-H0781	MECHANICAL SNUBBER	VT-3	NS*	643-111
F1.2E	1E12-H0782	MECHANICAL SNUBBER (TANDEM)	VT-3	NS*	643-111
F1.1ST	1E12-H0786	RIGID STRUT	VT-3	3	642-125
F1.2E	1E12-H0787	MECHANICAL SNUBBER	VT-3	NS*	642-132
F1.2E	1E12-H0788	MECHANICAL SNUBBER	VT-3	NS*	642-119
F1.2E	1E12-H0789	RIGID GUIDE	VT-3	NS	642-101
F1.2E	1E12-H1098	RIGID GUIDE	VT-3	NS*	641-107
F1.2E	1E12-H1099	ANCHOR (WA)	VT-3	NS*	641-107
F1.2E	1E12-H1100	RIGID GUIDE	VT-3	NS*	641-105
F1.2E	1E12-H1101	RIGID GUIDE	VT-3	NS*	641-105
F1.2E	1E12-H1102	VARIABLE SPRING	VT-3	NS*	641-105
F1.1SN	1E12-H5000	MECHANICAL SNUBBER (TANDEM)	VT-3	(1)	642-143
F1.1SN	1E12-H5001	MECHANICAL SNUBBER	VT-3	NS	642-135
F1.2SN	1E12-H5002	MECHANICAL SNUBBER	VT-3	NS	642-138
F1.2E	1E12-H6000	RIGID GUIDE	VT-3	NS*	643-116
F1.2E	1E12-P102-SP1	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	642-107
F1.2E	1E12-P402-SP1	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	642-116
F1.2E	1E12-P403-SP1	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	642-112
F1.1E	1E12-P421-SP1	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	642-117
F1.40	1E21-C001-SP1	PUMP SUPPORT, ANCHOR	VT-3	2	705-113
F1.40	1E21-C001-SP2	PUMP BARREL SUPPORT (WA)	VT-3	SR	705-113
F1.40	1E21-C001-SP3	PUMP BARREL SUPPORT (WA)	VT-3	SR	705-113
F1.40	1E21-C001-SP4	PUMP BARREL GUIDE PIN (WA)	VT-3	SR	705-113
F1.1SN	1E21-H0001	HYDRAULIC SNUBBER	VT-3	(1)	705-111
F1.1SN	1E21-H0002	HYDRAULIC SNUBBER	VT-3	(1)	705-111
F1.1SP	1E21-H0003	VARIABLE SPRING	VT-3	(1)	705-111
F1.1SN	1E21-H0004	MECHANICAL SNUBBER	VT-3	2	705-111

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.1ST	1E21-H0005	RIGID STRUT	VT-3	3	705-111
F1.1SP	1E21-H0006	VARIABLE SPRING	VT-3	NS	705-111
F1.1SN	1E21-H0007	MECHANICAL SNUBBER	VT-3	NS	705-109
F1.1SN	1E21-H0008	MECHANICAL SNUBBER	VT-3	(1)	705-109
F1.1SP	1E21-H0009	VARIABLE SPRING	VT-3	(1)	705-109
F1.1SP	1E21-H0010	VARIABLE SPRING	VT-3	2	705-109
F1.1SN	1E21-H0011	MECHANICAL SNUBBER	VT-3	(2)	705-109
F1.1SN	1E21-H0012	MECHANICAL SNUBBER	VT-3	NS	705-109
F1.1SP	1E21-H0013	VARIABLE SPRING	VT-3	NS	705-109
F1.1SP	1E21-H0014	VARIABLE SPRING	VT-3	NS	705-109
F1.1SN	1E21-H0015	MECHANICAL SNUBBER	VT-3	1	705-109
F1.1SN	1E21-H0016	MECHANICAL SNUBBER	VT-3	(1)	705-109
F1.2ST	1E21-H0020	RIGID STRUT (WA)	VT-3	(1)	705-102
F1.2ST	1E21-H0021	RIGID STRUT	VT-3	(1)	705-102
F1.2ST	1E21-H0022	RIGID STRUT	VT-3	NS	705-102
F1.2A	1E21-H0023	ANCHOR (WA)	VT-3	3	705-103
F1.2SN	1E21-H0024	MECHANICAL SNUBBER AND RIGID STRUT	VT-3	(2)	705-102
F1.2SP	1E21-H0025	VARIABLE SPRING	VT-3	2	705-102
F1.2SN	1E21-H0026	MECHANICAL SNUBBER (WA <.75" THICKNESS)	VT-3	3	705-101
F1.2SP	1E21-H0027	VARIABLE SPRING	VT-3	NS	705-101
F1.2SN	1E21-H0028	MECHANICAL SNUBBER	VT-3	NS	705-101
F1.2SP	1E21-H0029	VARIABLE SPRING	VT-3	(1)	705-101
F1.2SN	1E21-H0030	MECHANICAL SNUBBER (TANDEM)	VT-3	(1)	705-101
F1.2SP	1E21-H0031	VARIABLE SPRING	VT-3	(2)	705-101
F1.2ST	1E21-H0032	RIGID STRUT	VT-3	(2)	705-101
F1.2R	1E21-H0035	RIGID ROD	VT-3	1	705-104
F1.2SP	1E21-H0036	VARIABLE SPRING	VT-3	(1)	705-104
F1.2SN	1E21-H0038	MECHANICAL SNUBBER	VT-3	(2)	705-104
F1.2SN	1E21-H0039	MECHANICAL SNUBBER	VT-3	(2)	705-104
F1.2SN	1E21-H0040	MECHANICAL SNUBBER	VT-3	NS	705-105
F1.2SP	1E21-H0041	VARIABLE SPRING	VT-3	NS	705-105
F1.2SN	1E21-H0042	MECHANICAL SNUBBER	VT-3	NS	705-105
F1.2A	1E21-H0043	ANCHOR (WA)	VT-3	(1)	705-106
F1.2SN	1E21-H0050	MECHANICAL SNUBBER (TANDEM)	VT-3	NS	705-101
F1.2SP	1E21-H0051	VARIABLE SPRING	VT-3	NS	705-102

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.2SN	1E21-H0053	MECHANICAL SNUBBER	VT-3	1	705-104
F1.1SP	1E21-H0058	VARIABLE SPRING	VT-3	(2)	705-108
F1.1SN	1E21-H0060	MECHANICAL SNUBBER	VT-3	(2)	705-108
F1.1SN	1E21-H0061	MECHANICAL SNUBBER	VT-3	NS	705-108
F1.1SN	1E21-H0062	MECHANICAL SNUBBER	VT-3	3	705-108
F1.1SN	1E21-H0063	MECHANICAL SNUBBER	VT-3	NS	705-108
F1.2SP	1E21-H0064	VARIABLE SPRING	VT-3	1	705-108
F1.2SN	1E21-H0065	MECHANICAL SNUBBER	VT-3	(2)	705-108
F1.2SN	1E21-H0066	MECHANICAL SNUBBER	VT-3	2	705-107
F1.2SN	1E21-H0067	MECHANICAL SNUBBER	VT-3	NS	705-107
F1.2E	1E21-H0079	MECHANICAL SNUBBER	VT-3	NS*	705-101
F1.2ST	1E21-H0080	RIGID STRUT (WA <.75" THICKNESS)	VT-3	3	705-101
F1.2E	1E21-H0084	MECHANICAL SNUBBER	VT-3	NS*	705-108
F1.2E	1E21-H0085	VARIABLE SPRING	VT-3	NS*	705-108
F1.2ST	1E21-H0087	RIGID STRUT	VT-3	(2)	705-107
F1.1SP	1E21-H0089	VARIABLE SPRING	VT-3	3	705-108
F1.2SN	1E21-H0096	MECHANICAL SNUBBER	VT-3	NS	705-108
F1.2E	1E21-P103-SP1	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	705-101
F1.40	1E22-C001-SP1	PUMP SUPPORT, ANCHOR	VT-3	2	701-114
F1.40	1E22-C001-SP2	PUMP BARREL SUPPORT (WA)	VT-3	SR	701-114
F1.40	1E22-C001-SP3	PUMP BARREL SUPPORT (WA)	VT-3	SR	701-114
F1.40	1E22-D008-SP	EXHAUST SILENCER SUPPORT (WA)	VT-3	2	355-101
F1.1SN	1E22-H0001	HYDRAULIC SNUBBER	VT-3	(1)	701-111
F1.1SN	1E22-H0002	HYDRAULIC SNUBBER	VT-3	(1)	701-111
F1.1SP	1E22-H0003	VARIABLE SPRING	VT-3	(2)	701-111
F1.1ST	1E22-H0004	RIGID STRUT	VT-3	2	701-111
F1.1SN	1E22-H0005	MECHANICAL SNUBBER	VT-3	3	701-111
F1.1SP	1E22-H0006	VARIABLE SPRING	VT-3	3	701-111
F1.1SN	1E22-H0007	MECHANICAL SNUBBER	VT-3	NS	701-109
F1.1SN	1E22-H0008	MECHANICAL SNUBBER	VT-3	(1)	701-109
F1.1SP	1E22-H0009	VARIABLE SPRING	VT-3	1	701-109
F1.1SN	1E22-H0010	MECHANICAL SNUBBER	VT-3	(2)	701-109
F1.1SN	1E22-H0011	MECHANICAL SNUBBER	VT-3	(2)	701-109
F1.1SN	1E22-H0015	MECHANICAL SNUBBER	VT-3	NS	701-109

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.1SP	1E22-H0016	VARIABLE SPRING	VT-3	NS	701-109
F1.1SN	1E22-H0017	MECHANICAL SNUBBER	VT-3	1	701-109
F1.2SP	1E22-H0025	VARIABLE SPRING	VT-3	NS	701-103
F1.2ST	1E22-H0026	RIGID STRUT	VT-3	NS	701-103
F1.2ST	1E22-H0027	RIGID STRUT (WA)	VT-3	(1)	701-102
F1.2SP	1E22-H0028	VARIABLE SPRING	VT-3	(1)	701-102
F1.2ST	1E22-H0029	RIGID STRUT (TANDEM)	VT-3	2	701-102
F1.2ST	1E22-H0030	RIGID STRUT	VT-3	(2)	701-102
F1.2G	1E22-H0031	RIGID GUIDE	VT-3	NS	701-102
F1.2SN	1E22-H0032	MECHANICAL SNUBBER	VT-3	NS	701-102
F1.2G	1E22-H0033	RIGID GUIDE	VT-3	3	701-102
F1.2SN	1E22-H0034	MECHANICAL SNUBBER	VT-3	1	701-102
F1.2SN	1E22-H0035	MECHANICAL SNUBBER	VT-3	(1)	701-102
F1.2G	1E22-H0036	RIGID GUIDE	VT-3	(2)	701-102
F1.2SN	1E22-H0037	MECHANICAL SNUBBER	VT-3	(2)	701-102
F1.2SN	1E22-H0038	MECHANICAL SNUBBER (WA)	VT-3	NS	701-101
F1.2SP	1E22-H0039	VARIABLE SPRING	VT-3	3	701-101
F1.2ST	1E22-H0041	RIGID STRUT	VT-3	NS	701-101
F1.2SP	1E22-H0042	VARIABLE SPRING	VT-3	(1)	701-103
F1.2G	1E22-H0043	RIGID GUIDE	VT-3	(1)	701-103
F1.2ST	1E22-H0044	RIGID STRUT	VT-3	(2)	701-104
F1.2SP	1E22-H0045	VARIABLE SPRING	VT-3	(2)	701-104
F1.2SN	1E22-H0047	MECHANICAL SNUBBER	VT-3	(1)	701-104
F1.2ST	1E22-H0048	RIGID STRUT	VT-3	NS	701-104
F1.2G	1E22-H0049	RIGID GUIDE	VT-3	NS	701-104
F1.2ST	1E22-H0050	RIGID STRUT	VT-3	NS	701-105
F1.2ST	1E22-H0051	RIGID STRUT	VT-3	1	701-105
F1.2ST	1E22-H0052	RIGID STRUT	VT-3	(1)	701-105
F1.2SN	1E22-H0053	MECHANICAL SNUBBER	VT-3	(2)	701-105
F1.2SN	1E22-H0054	MECHANICAL SNUBBER (WA)	VT-3	(2)	701-105
F1.2ST	1E22-H0055	RIGID STRUT	VT-3	NS	701-106
F1.2SP	1E22-H0056	VARIABLE SPRING	VT-3	NS	701-106
F1.2SN	1E22-H0057	MECHANICAL SNUBBER	VT-3	3	701-106

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.2ST	1E22-H0058	RIGID STRUT	VT-3	(1)	701-106
F1.2SP	1E22-H0059	VARIABLE SPRING (TANDEM)	VT-3	(1)	701-106
F1.2SN	1E22-H0060	MECHANICAL SNUBBER	VT-3	(2)	701-106
F1.2G	1E22-H0061	RIGID GUIDE	VT-3	(2)	701-106
F1.2G	1E22-H0062	RIGID GUIDE (WA)	VT-3	1	701-107
F1.2ST	1E22-H0063	RIGID STRUT	VT-3	3	701-107
F1.2SN	1E22-H0064	MECHANICAL SNUBBER	VT-3	NS	701-108
F1.2ST	1E22-H0065	RIGID STRUT	VT-3	(1)	701-108
F1.2SN	1E22-H0066	MECHANICAL SNUBBER (TANDEM)	VT-3	NS	701-108
F1.2SP	1E22-H0069	VARIABLE SPRING	VT-3	(1)	701-108
F1.2SN	1E22-H0070	MECHANICAL SNUBBER	VT-3	2	701-108
F1.2SP	1E22-H0071	VARIABLE SPRING	VT-3	2	701-105
F1.2ST	1E22-H0072	RIGID STRUT	VT-3	(2)	701-105
F1.2ST	1E22-H0073	RIGID STRUT	VT-3	(2)	701-105
F1.2ST	1E22-H0078	RIGID STRUT	VT-3	NS	701-105
F1.2SP	1E22-H0079	VARIABLE SPRING	VT-3	NS	701-105
F1.2G	1E22-H0080	RIGID GUIDE	VT-3	NS	701-105
F1.2SN	1E22-H0081	MECHANICAL SNUBBER	VT-3	(1)	701-105
F1.2G	1E22-H0082	RIGID GUIDE	VT-3	(1)	701-112
F1.2ST	1E22-H0083	RIGID STRUT	VT-3	(2)	701-112
F1.2ST	1E22-H0084	RIGID STRUT	VT-3	(2)	701-112
F1.2G	1E22-H0085	RIGID GUIDE (WA)	VT-3	NS	701-112
F1.2ST	1E22-H0086	RIGID STRUT	VT-3	NS	701-113
F1.2E	1E22-H0104	RIGID STRUT	VT-3	NS*	701-102
F1.2SN	1E22-H0105	MECHANICAL SNUBBER	VT-3	(1)	701-101
F1.2SN	1E22-H0107	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(2)	701-105
F1.1SP	1E22-H0117	VARIABLE SPRING	VT-3	(1)	701-108
F1.1SN	1E22-H0118	MECHANICAL SNUBBER	VT-3	(2)	701-108
F1.1SN	1E22-H0119	MECHANICAL SNUBBER	VT-3	2	701-108
F1.2SP	1E22-H0120	VARIABLE SPRING	VT-3	NS	701-104
F1.2SN	1E22-H0122	MECHANICAL SNUBBER	VT-3	NS	701-113
F1.3A	1E22-H0132	ANCHOR (WA)	VT-3	2	355-101
F1.3ST	1E22-H0133	RIGID STRUT (WA)	VT-3	3	355-101
F1.3SN	1E22-H0134	MECHANICAL SNUBBER	VT-3	(2)	355-101
F1.3SN	1E22-H0135	MECHANICAL SNUBBER	VT-3	(2)	355-101

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.3SP	1E22-H0136	VARIABLE SPRING (WA)	VT-3	(2)	355-101
F1.3G	1E22-H0137	RIGID GUIDE	VT-3	NS	355-101
F1.3SP	1E22-H0138	VARIABLE SPRING (WA)	VT-3	2	355-101
F1.3SP	1E22-H0139	VARIABLE SPRING (WA)	VT-3	(2)	355-101
F1.1SP	1E22-H0144	VARIABLE SPRING	VT-3	(2)	701-109
F1.3G	1E22-H0146	RIGID GUIDE	VT-3	3	355-101
F1.2ST	1E22-H0148	RIGID STRUT	VT-3	(2)	701-108
F1.3SN	1E22-H5000	MECHANICAL SNUBBER	VT-3	2	355-101
F1.40	1E22-S001-SP	DIESEL GENERATOR HEAT EXCHANGER SUPPORT (WA)	VT-3	2	791-101
F1.40	1E22-S004A-SP	AIR RECEIVER TANK SUPPORT (WA)	VT-3	(2)	351-101
F1.40	1E22-S004B-SP	AIR RECEIVER TANK SUPPORT (WA)	VT-3	3	351-101
F1.2E	1E22-P401-SP1	RIGID GUIDE (INSIDE PENETRATION GUIDE PIPE)	VT-3	NS	701-101
F1.1ST	1E32-H0093	RIGID STRUT	VT-3	(1)	341-103
F1.1SN	1E32-H0094	MECHANICAL SNUBBER	VT-3	(1)	341-103
F1.1ST	1E32-H0100	RIGID STRUT	VT-3	(2)	341-102
F1.1SN	1E32-H0101	MECHANICAL SNUBBER	VT-3	(2)	341-102
F1.1SN	1E32-H0102	MECHANICAL SNUBBER	VT-3	3	341-104
F1.1ST	1E32-H0104	RIGID STRUT	VT-3	NS	341-104
F1.1SN	1E32-H0105	MECHANICAL SNUBBER	VT-3	NS	341-104
F1.1ST	1E32-H0123	RIGID STRUT	VT-3	1	341-101
F1.1SN	1E32-H0124	MECHANICAL SNUBBER	VT-3	1	341-101
F1.1SN	1E32-H0125	MECHANICAL SNUBBER	VT-3	(1)	341-101
F1.40	1E51-C001-SP	ANCHOR, PUMP (WA)	VT-3	3	631-109
F1.40	1E51-C002-SP	ANCHOR, TURBINE	VT-3	1	632-103
F1.1E	1E51-G202A	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	632-101
F1.2E	1E51-H0003	RIGID STRUT	VT-3	NS*	631-110
F1.2E	1E51-H0004	RIGID STRUT	VT-3	NS*	631-111
F1.2E	1E51-H0005	RIGID GUIDE	VT-3	NS*	631-111
F1.2SN	1E51-H0008	MECHANICAL SNUBBER	VT-3	(2)	632-103
F1.2E	1E51-H0015	VARIABLE SPRING	VT-3	NS*	631-110
F1.2E	1E51-H0019	RIGID STRUT	VT-3	NS*	631-110
F1.2E	1E51-H0021	VARIABLE SPRING	VT-3	NS*	632-103
F1.2A	1E51-H0026	ANCHOR (WA)	VT-3	1	632-105

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.2G	1E51-H0028	RIGID GUIDE	VT-3	(1)	632-105
F1.2ST	1E51-H0029	RIGID STRUT	VT-3	(2)	632-105
F1.2SP	1E51-H0030	VARIABLE SPRING	VT-3	(2)	631-101
F1.2G	1E51-H0031	RIGID GUIDE	VT-3	NS*	631-111
F1.2G	1E51-H0032	RIGID GUIDE	VT-3	NS*	631-111
F2.2SP	1E51-H0034	VARIABLE SPRING	VT-3	NS*	631-112
F1.2ST	1E51-H0035	RIGID STRUT	VT-3	NS*	631-112
F1.1ST	1E51-H0037	RIGID STRUT	VT-3	(1)	631-106
F1.1SP	1E51-H0038	VARIABLE SPRING	VT-3	(1)	631-106
F1.1ST	1E51-H0039	RIGID STRUT	VT-3	2	631-106
F1.1SP	1E51-H0040	VARIABLE SPRING	VT-3	2	631-105
F1.2G	1E51-H0041	RIGID GUIDE (WA)	VT-3	(2)	631-104
F1.2A	1E51-H0042	ANCHOR (WA)	VT-3	NS	631-102
F1.2SP	1E51-H0044	VARIABLE SPRING	VT-3	NS	631-102
F1.2ST	1E51-H0045	RIGID STRUT	VT-3	NS	631-102
F1.2ST	1E51-H0046	RIGID STRUT	VT-3	(1)	631-102
F1.2ST	1E51-H0055	RIGID STRUT (WA)	VT-3	(2)	632-104
F1.2SN	1E51-H0056	MECHANICAL SNUBBER	VT-3	3	632-104
F1.2SN	1E51-H0057	MECHANICAL SNUBBER	VT-3	(1)	631-102
F1.2SP	1E51-H0058	VARIABLE SPRING	VT-3	(2)	631-102
F1.1G	1E51-H0071	RIGID GUIDE	VT-3	(2)	631-108
F1.1SN	1E51-H0072	HYDRAULIC SNUBBER	VT-3	NS	631-108
F1.1SN	1E51-H0073	HYDRAULIC SNUBBER	VT-3	1	631-108
F1.1SN	1E51-H0074	HYDRAULIC SNUBBER	VT-3	(1)	631-108
F1.1SP	1E51-H0075	VARIABLE SPRING	VT-3	(1)	631-107
F1.1G	1E51-H0076	RIGID GUIDE	VT-3	2	631-107
F1.1ST	1E51-H0078	RIGID STRUT	VT-3	(2)	631-107
F1.1ST	1E51-H0079	RIGID STRUT	VT-3	NS	631-107
F1.1ST	1E51-H0080	RIGID STRUT	VT-3	NS	631-107
F1.1ST	1E51-H0081	RIGID STRUT	VT-3	NS	631-107
F1.1G	1E51-H0102	RIGID GUIDE (WA)	VT-3	(1)	632-101
F1.1SP	1E51-H0109	VARIABLE SPRING	VT-3	(2)	632-101
F1.1SN	1E51-H0110	MECHANICAL SNUBBER	VT-3	NS	632-101

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.1SN	1E51-H0111	MECHANICAL SNUBBER	VT-3	NS	632-101
F1.1G	1E51-H0129	RIGID GUIDE	VT-3	(2)	632-101
F1.2G	1E51-H0131	RIGID GUIDE	VT-3	2	632-103
F1.2ST	1E51-H0137	RIGID STRUT	VT-3	2	631-105
F1.2SP	1E51-H0138	VARIABLE SPRING	VT-3	NS	631-103
F1.2E	1E51-H0140	RIGID STRUT	VT-3	NS*	631-110
F1.2SP	1E51-H0141	VARIABLE SPRING	VT-3	3	632-102
F1.1SP	1E51-H0150	VARIABLE SPRING (WA)	VT-3	(2)	631-108
F1.1ST	1E51-H0151	RIGID STRUT	VT-3	3	631-107
F1.2SN	1E51-H0156	MECHANICAL SNUBBER	VT-3	(1)	632-103
F1.1G	1E51-H5002	RIGID GUIDE	VT-3	NS	632-101
F1.2E	1E51-P101-SP1	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	631-112
F1.2E	1E51-P101-SP2	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	631-112
F1.1E	1E51-P123-SP1	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	631-106
F1.1E	1E51-P123-SP2	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	631-106
F1.1ST	1G33-H0020	RIGID STRUT	VT-3	2	671-107
F1.1ST	1G33-H0024	RIGID STRUT	VT-3	NS	671-106
F1.1ST	1G33-H0025	RIGID STRUT	VT-3	NS	671-106
F1.1ST	1G33-H0027	RIGID STRUT (TANDEM)	VT-3	1	671-106
F1.1G	1G33-H0028	RIGID GUIDE	VT-3	2	671-106
F1.1ST	1G33-H0029	RIGID STRUT	VT-3	(2)	671-106
F1.1SP	1G33-H0033	VARIABLE SPRING	VT-3	NS	671-105
F1.1SP	1G33-H0078	VARIABLE SPRING	VT-3	1	671-102
F1.1SP	1G33-H0079	VARIABLE SPRING (TANDEM)	VT-3	(1)	671-102
F1.1SP	1G33-H0080	VARIABLE SPRING (WA < .625")	VT-3	(1)	671-103
F1.1SP	1G33-H0081	VARIABLE SPRING	VT-3	(1)	671-103
F1.1ST	1G33-H0088	RIGID STRUT	VT-3	(2)	671-107
F1.1ST	1G33-H0093	RIGID STRUT	VT-3	NS	671-103
F1.1ST	1G33-H0094	RIGID STRUT	VT-3	(1)	671-102
F1.1ST	1G33-H0095	RIGID STRUT	VT-3	NS	671-105
F1.1ST	1G33-H0100	RIGID STRUT	VT-3	(1)	671-105
F1.50	1G33-H0142	MECHANICAL SNUBBER (AUGMENTED HEPIBER)	VT-3	1	671-104

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.50	1G33-H0144	MECHANICAL SNUBBER (AUGMENTED HEPIBER)	VT-3	2	671-104
F1.50	1G33-H0145	VARIABLE SPRING (AUGMENTED HEPIBER)	VT-3	2	671-104
F1.50	1G33-H0146	MECHANICAL SNUBBER (AUGMENTED HEPIBER)	VT-3	3	671-104
F1.1ST	1G33-H0165	RIGID STRUT	VT-3	(2)	671-106
F1.2SP	1G33-H0179	VARIABLE SPRING	VT-3	1	672-102
F1.2SP	1G33-H0188	VARIABLE SPRING	VT-3	(1)	672-101
F1.2SP	1G33-H0190	VARIABLE SPRING	VT-3	(2)	672-101
F1.1SP	1G33-H0204	VARIABLE SPRING	VT-3	(2)	671-105
F1.1G	1G33-H0205	RIGID GUIDE	VT-3	NS	671-106
F1.1SP	1G33-H0206	VARIABLE SPRING	VT-3	3	671-107
F1.1ST	1G33-H0210	RIGID STRUT	VT-3	(2)	671-102
F1.1ST	1G33-H0211	RIGID STRUT	VT-3	3	671-102
F1.2SN	1G33-H0215	MECHANICAL SNUBBER	VT-3	2	672-102
F1.2SN	1G33-H0216	MECHANICAL SNUBBER	VT-3	NS	672-102
F1.2SN	1G33-H0217	MECHANICAL SNUBBER	VT-3	NS	672-102
F1.2SN	1G33-H0218	MECHANICAL SNUBBER	VT-3	NS	672-102
F1.2SN	1G33-H0219	MECHANICAL SNUBBER	VT-3	(1)	672-101
F1.2SN	1G33-H0220	MECHANICAL SNUBBER	VT-3	(1)	672-101
F1.2SN	1G33-H0221	MECHANICAL SNUBBER	VT-3	(2)	672-101
F1.2SN	1G33-H0222	MECHANICAL SNUBBER	VT-3	(2)	672-101
F1.2SN	1G33-H0223	MECHANICAL SNUBBER	VT-3	NS	672-101
F1.2SN	1G33-H0224	MECHANICAL SNUBBER (TANDEM)	VT-3	1	672-101
F1.50	1G33-H0238	RIGID STRUT (AUGMENTED HEPIBER)	VT-3	1	671-104
F1.2SN	1G33-H0239	MECHANICAL SNUBBER	VT-3	NS	672-101
F1.2SN	1G33-H0240	MECHANICAL SNUBBER	VT-3	(2)	672-101
F1.50	1G33-H0269	MECHANICAL SNUBBER (AUGMENTED HEPIBER)	VT-3	2	672-103
F1.50	1G33-H0271	RIGID STRUT (AUGMENTED HEPIBER)	VT-3	2	672-103
F1.2SP	1G33-H0273	VARIABLE SPRING	VT-3	NS	672-102
F1.1SP	1G33-H0275	VARIABLE SPRING	VT-3	(1)	671-105
F1.1SN	1G33-H0276	MECHANICAL SNUBBER	VT-3	(2)	671-105
F1.1SN	1G33-H0277	HYDRAULIC SNUBBER	VT-3	2	671-105
F1.1SP	1G33-H0278	VARIABLE SPRING	VT-3	NS	671-107
F1.1SN	1G33-H0279	MECHANICAL SNUBBER	VT-3	NS	671-107
F1.1SN	1G33-H0280	HYDRAULIC SNUBBER	VT-3	(1)	671-107

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.1E	1G33-P131-SP1	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	671-104
F1.1E	1G33-P131-SP2	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	671-104
F1.2E	1G33-P132-SP1	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	672-102
F1.40	1G41-A002A-SP	ANCHOR, SURGE TANK (WA)	VT-3	1	655-118
F1.40	1G41-A002B-SP	ANCHOR, SURGE TANK (WA)	VT-3	(2)	655-119
F1.40	1G41-B001A-SP	ANCHOR, HEAT EXCHANGER (WA)	VT-3	3	654-108
F1.40	1G41-B001B-SP	ANCHOR, HEAT EXCHANGER (WA)	VT-3	(1)	654-108
F1.3ST	1G41-H0001	RIGID STRUT	VT-3	(2)	655-116
F1.3ST	1G41-H0002	RIGID STRUT	VT-3	NS	655-116
F1.3ST	1G41-H0003	RIGID STRUT	VT-3	(1)	655-117
F1.3ST	1G41-H0004	RIGID STRUT	VT-3	(2)	655-117
F1.3ST	1G41-H0005	RIGID STRUT	VT-3	3	655-117
F1.3ST	1G41-H0006	RIGID STRUT	VT-3	(1)	655-117
F1.3ST	1G41-H0007	RIGID STRUT	VT-3	(2)	655-117
F1.3ST	1G41-H0008	RIGID STRUT	VT-3	NS	655-117
F1.3G	1G41-H0011	RIGID GUIDE	VT-3	1	655-117
F1.3SN	1G41-H0012	MECHANICAL SNUBBER (TANDEM)	VT-3	(2)	655-117
F1.3G	1G41-H0013	RIGID GUIDE	VT-3	NS	655-117
F1.3G	1G41-H0015	RIGID GUIDE	VT-3	(1)	655-117
F1.3G	1G41-H0016	RIGID GUIDE	VT-3	(2)	655-117
F1.3G	1G41-H0017	RIGID GUIDE	VT-3	NS	655-117
F1.3G	1G41-H0018	RIGID GUIDE	VT-3	(1)	655-117
F1.3G	1G41-H0019	RIGID GUIDE	VT-3	(2)	655-117
F1.3G	1G41-H0020	RIGID GUIDE	VT-3	NS	655-117
F1.3G	1G41-H0021	RIGID GUIDE	VT-3	(1)	655-117
F1.3G	1G41-H0022	RIGID GUIDE	VT-3	(2)	655-117
F1.3G	1G41-H0023	RIGID GUIDE	VT-3	NS	655-117
F1.3G	1G41-H0024	RIGID GUIDE	VT-3	(1)	655-117
F1.3SN	1G41-H0025	MECHANICAL SNUBBER	VT-3	(2)	655-117
F1.3ST	1G41-H0026	RIGID STRUT (WA)	VT-3	(1)	655-117
F1.3ST	1G41-H0027	RIGID STRUT	VT-3	(2)	655-117
F1.3G	1G41-H0030	RIGID GUIDE	VT-3	NS	655-110
F1.3G	1G41-H0031	RIGID GUIDE	VT-3	(1)	655-110
F1.3SP	1G41-H0032	VARIABLE SPRING	VT-3	(2)	655-110

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3G	1G41-H0033	RIGID GUIDE	VT-3	3	655-110
F1.3G	1G41-H0034	RIGID GUIDE	VT-3	(1)	655-110
F1.3G	1G41-H0035	RIGID GUIDE	VT-3	(2)	655-110
F1.3ST	1G41-H0036	RIGID STRUT	VT-3	NS	655-110
F1.3SN	1G41-H0037	MECHANICAL SNUBBER (TANDEM)	VT-3	(1)	655-110
F1.3SP	1G41-H0038	VARIABLE SPRING (WA)	VT-3	(2)	655-110
F1.3ST	1G41-H0039	RIGID STRUT	VT-3	NS	655-110
F1.3ST	1G41-H0040	RIGID STRUT	VT-3	(1)	655-110
F1.3ST	1G41-H0041	RIGID STRUT (WA)	VT-3	(2)	655-110
F1.3ST	1G41-H0042	RIGID STRUT	VT-3	NS	655-110
F1.3ST	1G41-H0043	RIGID STRUT	VT-3	1	655-110
F1.3ST	1G41-H0044	RIGID STRUT	VT-3	(2)	655-110
F1.3ST	1G41-H0045	RIGID STRUT (WA)	VT-3	NS	655-110
F1.3ST	1G41-H0047	RIGID STRUT	VT-3	(1)	651-103
F1.3SN	1G41-H0048	MECHANICAL SNUBBER	VT-3	(2)	651-103
F1.3ST	1G41-H0049	RIGID STRUT	VT-3	NS	651-103
F1.3SN	1G41-H0050	MECHANICAL SNUBBER	VT-3	(2)	655-107
F1.3SN	1G41-H0051	MECHANICAL SNUBBER	VT-3	(1)	655-107
F1.3ST	1G41-H0052	RIGID STRUT	VT-3	NS	655-107
F1.3G	1G41-H0053	RIGID GUIDE	VT-3	(2)	655-107
F1.3G	1G41-H0054	RIGID GUIDE (WA)	VT-3	(2)	655-107
F1.3SP	1G41-H0055	VARIABLE SPRING	VT-3	NS	655-107
F1.3ST	1G41-H0056	RIGID STRUT	VT-3	(1)	655-107
F1.3SP	1G41-H0057	VARIABLE SPRING	VT-3	(2)	655-107
F1.3G	1G41-H0058	RIGID GUIDE	VT-3	NS	655-107
F1.3SN	1G41-H0059	MECHANICAL SNUBBER	VT-3	(2)	655-107
F1.3G	1G41-H0060	RIGID GUIDE	VT-3	2	654-104
F1.3G	1G41-H0061	RIGID GUIDE	VT-3	NS	654-104
F1.3ST	1G41-H0062	RIGID STRUT	VT-3	(1)	654-104
F1.3ST	1G41-H0063	RIGID STRUT	VT-3	(2)	654-104
F1.3G	1G41-H0064	RIGID GUIDE	VT-3	NS	654-104
F1.3SP	1G41-H0065	VARIABLE SPRING	VT-3	(1)	654-104
F1.3ST	1G41-H0066	RIGID STRUT	VT-3	(2)	654-104
F1.3SN	1G41-H0068	MECHANICAL SNUBBER	VT-3	NS	654-101
F1.3G	1G41-H0069	RIGID GUIDE	VT-3	(2)	654-101

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3SN	1G41-H0070	MECHANICAL SNUBBER (WA)	VT-3	(2)	654-101
F1.3G	1G41-H0071	RIGID GUIDE	VT-3	NS	654-101
F1.3SP	1G41-H0072	VARIABLE SPRING (TANDEM)	VT-3	(1)	654-101
F1.3ST	1G41-H0073	RIGID STRUT	VT-3	(2)	654-101
F1.3SP	1G41-H0074	VARIABLE SPRING	VT-3	NS	654-101
F1.3G	1G41-H0075	RIGID GUIDE	VT-3	(1)	654-101
F1.3ST	1G41-H0076	RIGID STRUT	VT-3	2	654-101
F1.3ST	1G41-H0090	RIGID STRUT	VT-3	NS	655-109
F1.3ST	1G41-H0091	RIGID STRUT	VT-3	(1)	655-109
F1.3ST	1G41-H0094	RIGID STRUT	VT-3	(2)	655-109
F1.3ST	1G41-H0095	RIGID STRUT	VT-3	NS	655-109
F1.3ST	1G41-H0096	RIGID STRUT	VT-3	(1)	655-109
F1.3ST	1G41-H0097	RIGID STRUT	VT-3	(2)	655-109
F1.3ST	1G41-H0098	RIGID STRUT	VT-3	NS	655-109
F1.3ST	1G41-H0099	RIGID STRUT	VT-3	(1)	655-109
F1.3ST	1G41-H0100	RIGID STRUT	VT-3	(2)	655-109
F1.3ST	1G41-H0101	RIGID STRUT	VT-3	NS	655-109
F1.3ST	1G41-H0102	RIGID STRUT	VT-3	(1)	655-109
F1.3ST	1G41-H0103	RIGID STRUT	VT-3	(2)	655-109
F1.3ST	1G41-H0104	RIGID STRUT	VT-3	NS	655-109
F1.3ST	1G41-H0105	RIGID STRUT	VT-3	1	655-109
F1.3ST	1G41-H0106	RIGID STRUT	VT-3	(2)	655-109
F1.3ST	1G41-H0107	RIGID STRUT	VT-3	NS	655-109
F1.3ST	1G41-H0108	RIGID STRUT	VT-3	(1)	655-109
F1.3ST	1G41-H0109	RIGID STRUT	VT-3	(2)	655-109
F1.3ST	1G41-H0110	RIGID STRUT	VT-3	NS	655-109
F1.3ST	1G41-H0111	RIGID STRUT	VT-3	(1)	655-109
F1.3ST	1G41-H0112	RIGID STRUT	VT-3	(2)	655-109
F1.3ST	1G41-H0113	RIGID STRUT	VT-3	3	655-109
F1.3ST	1G41-H0114	RIGID STRUT	VT-3	(1)	655-109
F1.3ST	1G41-H0115	RIGID STRUT	VT-3	(2)	655-109
F1.3ST	1G41-H0117	RIGID STRUT	VT-3	(1)	655-112
F1.3ST	1G41-H0118	RIGID STRUT	VT-3	(2)	655-108
F1.3SN	1G41-H0119	MECHANICAL SNUBBER	VT-3	NS	655-108
F1.3ST	1G41-H0120	RIGID STRUT	VT-3	(1)	655-108

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3SN	1G41-H0121	MECHANICAL SNUBBER	VT-3	(1)	655-108
F1.3ST	1G41-H0122	RIGID STRUT	VT-3	NS	655-108
F1.3ST	1G41-H0123	RIGID STRUT	VT-3	(1)	655-108
F1.3ST	1G41-H0124	RIGID STRUT	VT-3	(2)	655-108
F1.3ST	1G41-H0125	RIGID STRUT	VT-3	NS	655-108
F1.3ST	1G41-H0126	RIGID STRUT	VT-3	(1)	655-108
F1.3ST	1G41-H0127	RIGID STRUT	VT-3	2	655-108
F1.3G	1G41-H0128	RIGID GUIDE	VT-3	NS	655-108
F1.3ST	1G41-H0129	RIGID STRUT (WA)	VT-3	(1)	655-108
F1.3G	1G41-H0130	RIGID GUIDE	VT-3	(2)	655-108
F1.3G	1G41-H0131	RIGID GUIDE	VT-3	NS	655-108
F1.3G	1G41-H0133	RIGID GUIDE	VT-3	1	655-108
F1.3G	1G41-H0135	RIGID GUIDE	VT-3	(2)	655-108
F1.3ST	1G41-H0137	RIGID STRUT	VT-3	NS	655-108
F1.3ST	1G41-H0139	RIGID STRUT (WA)	VT-3	(2)	655-108
F1.3G	1G41-H0140	RIGID GUIDE	VT-3	(2)	655-108
F1.3G	1G41-H0141	RIGID GUIDE	VT-3	NS	655-108
F1.3ST	1G41-H0158	RIGID STRUT	VT-3	(1)	655-109
F1.3ST	1G41-H0159	RIGID STRUT	VT-3	(2)	655-109
F1.3ST	1G41-H0160	RIGID STRUT	VT-3	NS	655-109
F1.3ST	1G41-H0161	RIGID STRUT	VT-3	(1)	655-109
F1.3ST	1G41-H0162	RIGID STRUT	VT-3	(2)	655-111
F1.3ST	1G41-H0163	RIGID STRUT	VT-3	3	655-111
F1.3ST	1G41-H0164	RIGID STRUT	VT-3	(1)	655-111
F1.3ST	1G41-H0165	RIGID STRUT	VT-3	(2)	655-111
F1.3ST	1G41-H0166	RIGID STRUT	VT-3	(2)	655-111
F1.3ST	1G41-H0167	RIGID STRUT	VT-3	(1)	655-111
F1.3ST	1G41-H0168	RIGID STRUT	VT-3	(2)	655-111
F1.3ST	1G41-H0169	RIGID STRUT	VT-3	NS	655-111
F1.3SN	1G41-H0170	MECHANICAL SNUBBER	VT-3	(1)	655-111
F1.3SN	1G41-H0171	MECHANICAL SNUBBER	VT-3	(2)	655-111
F1.3G	1G41-H0172	RIGID GUIDE	VT-3	NS	655-112
F1.3G	1G41-H0173	RIGID GUIDE	VT-3	(1)	655-112
F1.3G	1G41-H0174	RIGID GUIDE	VT-3	(2)	655-112
F1.3ST	1G41-H0175	RIGID STRUT	VT-3	NS	655-112

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3ST	1G41-H0176	RIGID STRUT	VT-3	(1)	655-112
F1.3ST	1G41-H0177	RIGID STRUT	VT-3	(2)	655-112
F1.3SP	1G41-H0178	VARIABLE SPRING	VT-3	NS	654-103
F1.3SN	1G41-H0179	MECHANICAL SNUBBER & RIGID STRUT	VT-3	(1)	655-108
F1.3ST	1G41-H0184	RIGID STRUT (WA)	VT-3	NS	655-108
F1.3G	1G41-H0189	RIGID GUIDE	VT-3	2	655-112
F1.3ST	1G41-H0190	RIGID STRUT	VT-3	NS	655-112
F1.3SN	1G41-H0191	MECHANICAL SNUBBER	VT-3	1	655-112
F1.3G	1G41-H0192	RIGID GUIDE	VT-3	(2)	655-112
F1.3G	1G41-H0193	RIGID GUIDE	VT-3	NS	655-112
F1.3G	1G41-H0194	RIGID GUIDE	VT-3	(1)	655-112
F1.3ST	1G41-H0195	RIGID STRUT	VT-3	(2)	655-112
F1.3ST	1G41-H0196	RIGID STRUT	VT-3	NS	655-112
F1.3ST	1G41-H0197	RIGID STRUT	VT-3	1	655-112
F1.3ST	1G41-H0198	RIGID STRUT	VT-3	(2)	655-112
F1.3ST	1G41-H0199	RIGID STRUT	VT-3	NS	655-112
F1.3ST	1G41-H0200	RIGID STRUT	VT-3	(1)	655-112
F1.3G	1G41-H0205	RIGID GUIDE	VT-3	NS	654-107
F1.3ST	1G41-H0206	RIGID STRUT	VT-3	(1)	654-107
F1.3ST	1G41-H0207	RIGID STRUT	VT-3	(2)	654-107
F1.3ST	1G41-H0208	RIGID STRUT	VT-3	NS	654-107
F1.3G	1G41-H0209	RIGID GUIDE	VT-3	(1)	654-107
F1.3G	1G41-H0210	RIGID GUIDE	VT-3	(2)	654-107
F1.3ST	1G41-H0211	RIGID STRUT	VT-3	NS	654-107
F1.3ST	1G41-H0212	RIGID STRUT	VT-3	(1)	654-107
F1.3ST	1G41-H0213	RIGID STRUT	VT-3	(2)	654-107
F1.3G	1G41-H0214	RIGID GUIDE	VT-3	NS	654-107
F1.3ST	1G41-H0215	RIGID STRUT	VT-3	(1)	654-106
F1.3ST	1G41-H0216	RIGID STRUT	VT-3	(2)	654-107
F1.3ST	1G41-H0217	RIGID STRUT	VT-3	NS	654-107
F1.3ST	1G41-H0218	RIGID STRUT	VT-3	(1)	654-107
F1.3ST	1G41-H0219	RIGID STRUT	VT-3	(2)	654-107
F1.3ST	1G41-H0220	RIGID STRUT	VT-3	NS	654-106
F1.3G	1G41-H0221	RIGID GUIDE (WA)	VT-3	(1)	651-101
F1.3ST	1G41-H0222	RIGID STRUT	VT-3	(2)	651-101

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3G	1G41-H0223	RIGID GUIDE	VT-3	3	651-101
F1.3G	1G41-H0224	RIGID GUIDE	VT-3	(1)	651-101
F1.3ST	1G41-H0225	RIGID STRUT	VT-3	2	651-101
F1.3ST	1G41-H0226	RIGID STRUT	VT-3	NS	655-111
F1.3SN	1G41-H0227	MECHANICAL SNUBBER	VT-3	(1)	655-111
F1.3SN	1G41-H0228	MECHANICAL SNUBBER (TANDEM)	VT-3	NS	655-111
F1.3ST	1G41-H0229	RIGID STRUT	VT-3	(1)	655-111
F1.3SN	1G41-H0230	MECHANICAL SNUBBER	VT-3	(2)	655-111
F1.3ST	1G41-H0231	RIGID STRUT	VT-3	NS	655-111
F1.3SN	1G41-H0232	MECHANICAL SNUBBER	VT-3	1	655-111
F1.3SN	1G41-H0233	MECHANICAL SNUBBER	VT-3	(2)	655-111
F1.3ST	1G41-H0234	RIGID STRUT	VT-3	NS	655-111
F1.3ST	1G41-H0235	RIGID STRUT	VT-3	(1)	655-111
F1.3SN	1G41-H0236	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(2)	655-111
F1.3SN	1G41-H0238	MECHANICAL SNUBBER (WA)	VT-3	(1)	655-112
F1.3ST	1G41-H0239	RIGID STRUT	VT-3	1	655-111
F1.3SN	1G41-H0241	MECHANICAL SNUBBER	VT-3	(2)	655-112
F1.3SN	1G41-H0242	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	655-109
F1.3SN	1G41-H0243	MECHANICAL SNUBBER	VT-3	(1)	655-111
F1.3ST	1G41-H0244	RIGID STRUT (WA)	VT-3	(2)	655-112
F1.3ST	1G41-H0246	RIGID STRUT	VT-3	NS	654-106
F1.3G	1G41-H0247	RIGID GUIDE	VT-3	(1)	654-106
F1.3G	1G41-H0248	RIGID GUIDE	VT-3	2	654-106
F1.3ST	1G41-H0250	RIGID STRUT	VT-3	NS	654-102
F1.3ST	1G41-H0251	RIGID STRUT	VT-3	(1)	651-101
F1.3ST	1G41-H0252	RIGID STRUT	VT-3	(2)	651-101
F1.3ST	1G41-H0253	RIGID STRUT	VT-3	NS	654-106
F1.3G	1G41-H0256	RIGID GUIDE	VT-3	(1)	654-107
F1.3G	1G41-H0257	RIGID GUIDE	VT-3	(2)	654-106
F1.3ST	1G41-H0260	RIGID STRUT	VT-3	(1)	654-102
F1.3ST	1G41-H0261	RIGID STRUT	VT-3	(2)	654-102
F1.3ST	1G41-H0262	RIGID STRUT	VT-3	NS	654-106
F1.3ST	1G41-H0263	RIGID STRUT	VT-3	(1)	655-113
F1.3ST	1G41-H0266	RIGID STRUT	VT-3	3	655-113
F1.3ST	1G41-H0267	RIGID STRUT	VT-3	(1)	655-113

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3G	1G41-H0268	RIGID GUIDE	VT-3	(2)	655-113
F1.3ST	1G41-H0269	RIGID STRUT	VT-3	(2)	651-101
F1.3ST	1G41-H0273	RIGID STRUT (WA)	VT-3	NS	654-107
F1.3ST	1G41-H0275	RIGID STRUT (WA)	VT-3	2	654-107
F1.3ST	1G41-H0276	RIGID STRUT	VT-3	NS	651-101
F1.3ST	1G41-H0277	RIGID STRUT	VT-3	(1)	654-104
F1.3ST	1G41-H0278	RIGID STRUT	VT-3	(2)	651-103
F1.3ST	1G41-H0279	RIGID STRUT	VT-3	NS	651-103
F1.3ST	1G41-H0280	RIGID STRUT	VT-3	(1)	651-103
F1.3G	1G41-H0281	RIGID GUIDE (WA)	VT-3	(2)	651-103
F1.3ST	1G41-H0282	RIGID STRUT	VT-3	3	651-103
F1.3ST	1G41-H0283	RIGID STRUT	VT-3	(1)	651-103
F1.3ST	1G41-H0284	RIGID STRUT	VT-3	(2)	651-103
F1.3G	1G41-H0287	RIGID GUIDE	VT-3	NS	654-105
F1.3G	1G41-H0288	RIGID GUIDE	VT-3	(1)	654-105
F1.3G	1G41-H0290	RIGID GUIDE	VT-3	(2)	654-105
F1.3G	1G41-H0291	RIGID GUIDE	VT-3	3	654-105
F1.3G	1G41-H0292	RIGID GUIDE	VT-3	(1)	654-105
F1.3G	1G41-H0293	RIGID GUIDE	VT-3	(2)	654-105
F1.3ST	1G41-H0294	RIGID STRUT	VT-3	NS	654-105
F1.3G	1G41-H0295	RIGID GUIDE	VT-3	(1)	654-105
F1.3ST	1G41-H0296	RIGID STRUT	VT-3	(2)	654-105
F1.3ST	1G41-H0297	RIGID STRUT	VT-3	NS	654-105
F1.3ST	1G41-H0298	RIGID STRUT	VT-3	(1)	654-105
F1.3ST	1G41-H0299	RIGID STRUT	VT-3	(2)	654-105
F1.3G	1G41-H0300	RIGID GUIDE	VT-3	NS	654-105
F1.3SN	1G41-H0301	MECHANICAL SNUBBER	VT-3	(1)	654-105
F1.3ST	1G41-H0302	RIGID STRUT (TANDEM)	VT-3	(2)	654-105
F1.3ST	1G41-H0303	RIGID STRUT	VT-3	NS	654-105
F1.3ST	1G41-H0304	RIGID STRUT	VT-3	(1)	654-105
F1.3ST	1G41-H0305	RIGID STRUT	VT-3	(2)	654-105
F1.3ST	1G41-H0306	RIGID STRUT	VT-3	NS	654-105
F1.3ST	1G41-H0307	RIGID STRUT	VT-3	(1)	654-105
F1.3G	1G41-H0308	RIGID GUIDE	VT-3	NS	654-103
F1.3G	1G41-H0309	RIGID GUIDE (WA)	VT-3	NS	654-103

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3G	1G41-H0310	RIGID GUIDE	VT-3	(1)	654-103
F1.3SP	1G41-H0311	VARIABLE SPRING	VT-3	2	654-102
F1.3ST	1G41-H0312	RIGID STRUT	VT-3	NS	654-102
F1.3ST	1G41-H0313	RIGID STRUT	VT-3	1	654-102
F1.3ST	1G41-H0314	RIGID STRUT	VT-3	(2)	654-102
F1.3ST	1G41-H0315	RIGID STRUT	VT-3	NS	654-102
F1.3G	1G41-H0316	RIGID GUIDE (WA)	VT-3	(2)	654-102
F1.3G	1G41-H0318	RIGID GUIDE	VT-3	(2)	655-104
F1.3G	1G41-H0362	RIGID GUIDE	VT-3	(1)	655-115
F1.3SN	1G41-H0363	MECHANICAL SNUBBER	VT-3	(2)	655-115
F1.3ST	1G41-H0364	RIGID STRUT	VT-3	NS	655-115
F1.3ST	1G41-H0365	RIGID STRUT	VT-3	(1)	655-115
F1.3ST	1G41-H0366	RIGID STRUT	VT-3	(2)	655-115
F1.3G	1G41-H0367	RIGID GUIDE	VT-3	NS	655-115
F1.3SN	1G41-H0368	MECHANICAL SNUBBER	VT-3	(1)	655-115
F1.3SN	1G41-H0369	MECHANICAL SNUBBER	VT-3	(2)	655-116
F1.3ST	1G41-H0370	RIGID STRUT	VT-3	NS	655-115
F1.3ST	1G41-H0371	RIGID STRUT	VT-3	(1)	655-115
F1.3ST	1G41-H0372	RIGID STRUT	VT-3	(2)	655-115
F1.3ST	1G41-H0373	RIGID STRUT	VT-3	3	655-115
F1.3ST	1G41-H0374	RIGID STRUT	VT-3	(1)	655-115
F1.3ST	1G41-H0375	RIGID STRUT	VT-3	(2)	655-115
F1.3ST	1G41-H0376	RIGID STRUT	VT-3	NS	655-115
F1.3ST	1G41-H0377	RIGID STRUT	VT-3	(1)	655-115
F1.3ST	1G41-H0378	RIGID STRUT	VT-3	(2)	655-115
F1.3ST	1G41-H0379	RIGID STRUT	VT-3	NS	655-115
F1.3ST	1G41-H0380	RIGID STRUT	VT-3	(1)	655-115
F1.3ST	1G41-H0381	RIGID STRUT	VT-3	(2)	655-115
F1.3G	1G41-H0382	RIGID GUIDE	VT-3	NS	655-115
F1.3ST	1G41-H0383	RIGID STRUT	VT-3	(1)	655-116
F1.3ST	1G41-H0384	RIGID STRUT	VT-3	(2)	655-116
F1.3ST	1G41-H0385	RIGID STRUT	VT-3	NS	655-116
F1.3ST	1G41-H0386	RIGID STRUT	VT-3	(1)	655-116
F1.3ST	1G41-H0387	RIGID STRUT	VT-3	2	655-116
F1.3SN	1G41-H0388	MECHANICAL SNUBBER	VT-3	NS	655-116

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3SN	1G41-H0389	MECHANICAL SNUBBER	VT-3	(1)	655-116
F1.3ST	1G41-H0390	RIGID STRUT	VT-3	(2)	655-116
F1.3ST	1G41-H0391	RIGID STRUT	VT-3	NS	655-116
F1.3ST	1G41-H0392	RIGID STRUT	VT-3	(1)	655-116
F1.3ST	1G41-H0393	RIGID STRUT	VT-3	(2)	655-116
F1.3ST	1G41-H0394	RIGID STRUT	VT-3	NS	655-114
F1.3ST	1G41-H0395	RIGID STRUT	VT-3	(1)	655-114
F1.3G	1G41-H0396	RIGID GUIDE (WA)	VT-3	NS**	655-114
F1.3G	1G41-H0400	RIGID GUIDE	VT-3	(2)	655-105
F1.3G	1G41-H0401	RIGID GUIDE	VT-3	NS	655-105
F1.3A	1G41-H0404	ANCHOR (WA)	VT-3	(2)	655-105
F1.3ST	1G41-H0407	RIGID STRUT	VT-3	(2)	655-104
F1.3ST	1G41-H0408	RIGID STRUT	VT-3	NS	655-104
F1.3ST	1G41-H0409	RIGID STRUT	VT-3	1	655-106
F1.3ST	1G41-H0410	RIGID STRUT	VT-3	(2)	655-106
F1.3A	1G41-H0415	ANCHOR (WA)	VT-3	NS	654-103
F1.3G	1G41-H0416	RIGID GUIDE	VT-3	(1)	651-102
F1.3G	1G41-H0418	RIGID GUIDE	VT-3	(2)	651-102
F1.3A	1G41-H0425	ANCHOR (WA)	VT-3	3	654-102
F1.3A	1G41-H0427	ANCHOR (WA)	VT-3	(2)	655-116
F1.3ST	1G41-H0429	RIGID STRUT (WA)	VT-3	NS	651-102
F1.3ST	1G41-H0430	RIGID STRUT	VT-3	(1)	655-112
F1.3SP	1G41-H0449	VARIABLE SPRING	VT-3	(2)	654-101
F1.3SN	1G41-H0450	MECHANICAL SNUBBER (TANDEM)	VT-3	3	654-101
F1.3ST	1G41-H0453	RIGID STRUT	VT-3	(1)	655-105
F1.3G	1G41-H0460	RIGID GUIDE	VT-3	(2)	655-105
F1.3ST	1G41-H0471	RIGID STRUT	VT-3	NS	655-115
F1.3SN	1G41-H0472	MECHANICAL SNUBBER	VT-3	(1)	655-115
F1.3SN	1G41-H0478	MECHANICAL SNUBBER	VT-3	NS	655-114
F1.3ST	1G41-H0481	RIGID STRUT (WA)	VT-3	(2)	654-105
F1.3ST	1G41-H0484	RIGID STRUT	VT-3	(2)	655-108
F1.3ST	1G41-H0485	RIGID STRUT	VT-3	NS	655-106
F1.3ST	1G41-H0486	RIGID STRUT	VT-3	(1)	655-108
F1.3ST	1G41-H0487	RIGID STRUT	VT-3	(2)	655-112
F1.3ST	1G41-H0488	RIGID STRUT	VT-3	NS	655-112

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3ST	1G41-H0489	RIGID STRUT	VT-3	(1)	655-108
F1.3ST	1G41-H0492	RIGID STRUT	VT-3	(2)	655-106
F1.3SN	1G41-H0493	MECHANICAL SNUBBER	VT-3	NS	651-101
F1.3SN	1G41-H0494	MECHANICAL SNUBBER	VT-3	(1)	655-108
F1.3ST	1G41-H0498	RIGID STRUT	VT-3	(2)	651-103
F1.3ST	1G41-H0499	RIGID STRUT	VT-3	NS	651-103
F1.3G	1G41-H0500	RIGID GUIDE	VT-3	(1)	654-104
F1.3ST	1G41-H0501	RIGID STRUT	VT-3	2	654-104
F1.3ST	1G41-H0502	RIGID STRUT	VT-3	NS	651-101
F1.3SP	1G41-H0503	VARIABLE SPRING	VT-3	(1)	654-101
F1.3G	1G41-H5000	RIGID GUIDE	VT-3	(2)	654-106
F1.3SN	1G41-H5001	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	655-108
F1.3SN	1G42-H0004	MECHANICAL SNUBBER	VT-3	2	655-101
F1.3G	1G42-H0005	RIGID GUIDE (WA)	VT-3	NS	655-101
F1.3G	1G42-H0006	RIGID GUIDE	VT-3	(1)	655-101
F1.3G	1G42-H0007	RIGID GUIDE	VT-3	(2)	655-101
F1.3ST	1G42-H0008	RIGID STRUT	VT-3	NS	655-101
F1.3ST	1G42-H0009	RIGID STRUT	VT-3	(1)	655-101
F1.3ST	1G42-H0010	RIGID STRUT	VT-3	(2)	655-101
F1.3R	1G42-H0012	RIGID ROD	VT-3	NS	655-101
F1.3SN	1G42-H0013	MECHANICAL SNUBBER (WA)	VT-3	NS	655-101
F1.3ST	1G42-H0014	RIGID STRUT	VT-3	1	655-101
F1.3ST	1G42-H0015	RIGID STRUT	VT-3	(2)	655-101
F1.3R	1G42-H0016	RIGID ROD	VT-3	3	655-101
F1.3G	1G42-H0017	RIGID GUIDE	VT-3	1	655-101
F1.2G	1N11-H0221	RIGID GUIDE (WA)	VT-3	(1)	605-108
F1.2G	1N11-H0222	RIGID GUIDE (WA)	VT-3	NS	605-110
F1.2G	1N11-H0223	RIGID GUIDE (WA)	VT-3	NS	605-107
F1.2G	1N11-H0224	RIGID GUIDE (WA)	VT-3	NS	605-109
F1.2SP	1N11-H0229	VARIABLE SPRING	VT-3	1	605-108
F1.2SP	1N11-H0230	VARIABLE SPRING	VT-3	(2)	605-110
F1.2SP	1N11-H0231	VARIABLE SPRING	VT-3	NS	605-107
F1.2SP	1N11-H0232	VARIABLE SPRING	VT-3	NS	605-109

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.1ST	1N22-H0003	RIGID STRUT	VT-3	1	121-101
F1.1SN	1N22-H0004	MECHANICAL SNUBBER	VT-3	(2)	121-102
F1.1SP	1N22-H0005	VARIABLE SPRING	VT-3	(2)	121-102
F1.1SN	1N22-H0006	MECHANICAL SNUBBER	VT-3	(2)	121-102
F1.1ST	1N22-H0007	RIGID STRUT	VT-3	NS	121-102
F1.1SN	1N22-H0008	MECHANICAL SNUBBER	VT-3	NS	121-102
F1.1SP	1N22-H0010	VARIABLE SPRING	VT-3	(1)	121-102
F1.1SN	1N22-H0011	MECHANICAL SNUBBER	VT-3	(2)	121-102
F1.1ST	1N22-H0012	RIGID STRUT	VT-3	2	121-102
F1.1SN	1N22-H0013	MECHANICAL SNUBBER	VT-3	2	121-102
F1.1ST	1N22-H0014	RIGID STRUT	VT-3	NS	121-101
F1.1SN	1N22-H0015	MECHANICAL SNUBBER	VT-3	NS	121-101
F1.1ST	1N22-H0016	RIGID STRUT	VT-3	NS	121-101
F1.1SN	1N22-H0017	MECHANICAL SNUBBER	VT-3	1	121-101
F1.1ST	1N22-H0018	RIGID STRUT	VT-3	(2)	121-101
F1.1SP	1N22-H0019	VARIABLE SPRING	VT-3	2	121-101
F1.1SN	1N22-H0126	MECHANICAL SNUBBER	VT-3	NS	121-102
F1.1SN	1N22-H0127	MECHANICAL SNUBBER	VT-3	NS	121-102
F1.1SN	1N22-H0128	MECHANICAL SNUBBER	VT-3	(1)	121-102
F1.1SN	1N22-H0129	MECHANICAL SNUBBER	VT-3	3	121-102
F1.1SN	1N22-H0130	MECHANICAL SNUBBER	VT-3	1	121-103
F1.1SN	1N22-H0131	MECHANICAL SNUBBER	VT-3	(1)	121-101
F1.1ST	1N22-H0132	RIGID STRUT	VT-3	(1)	121-103
F1.1SN	1N22-H0148	MECHANICAL SNUBBER	VT-3	(1)	121-101
F1.1E	1N22-P423-SP1	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	121-103
F1.1E	1N22-P423-SP2	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	121-103
F1.1E	1N22-P423-SP3	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	121-103
F1.1SN	1N27-H0001	HYDRAULIC SNUBBER	VT-3	1	082-103
F1.1SN	1N27-H0004	HYDRAULIC SNUBBER	VT-3	(1)	082-102
F1.1SN	1N27-H0005	HYDRAULIC SNUBBER	VT-3	(1)	082-102
F1.1SN	1N27-H0006	HYDRAULIC SNUBBER	VT-3	(2)	082-102
F1.1SN	1N27-H0007	HYDRAULIC SNUBBER	VT-3	(2)	082-102
F1.1SP	1N27-H0010	VARIABLE SPRING (WA)	VT-3	NS	082-103

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.1SP	1N27-H0011	VARIABLE SPRING	VT-3	1	082-102
F1.1SP	1N27-H0012	VARIABLE SPRING (TANDEM)	VT-3	(1)	082-102
F1.1SN	1N27-H0013	HYDRAULIC SNUBBER	VT-3	NS	082-106
F1.1SN	1N27-H0016	HYDRAULIC SNUBBER	VT-3	(2)	082-105
F1.1SN	1N27-H0017	HYDRAULIC SNUBBER	VT-3	2	082-105
F1.1SN	1N27-H0018	HYDRAULIC SNUBBER	VT-3	NS	082-105
F1.1SN	1N27-H0019	HYDRAULIC SNUBBER	VT-3	NS	082-105
F1.1SP	1N27-H0022	VARIABLE SPRING (WA)	VT-3	2	082-106
F1.1SP	1N27-H0023	VARIABLE SPRING	VT-3	(2)	082-105
F1.1SP	1N27-H0024	VARIABLE SPRING	VT-3	(2)	082-105
F1.1SP	1N27-H0027	VARIABLE SPRING	VT-3	NS	082-105
F1.1SP	1N27-H0028	VARIABLE SPRING	VT-3	(1)	082-102
F1.1G	1N27-H0029	RIGID GUIDE (WA)	VT-3	1	082-102
F1.1G	1N27-H0030	RIGID GUIDE (WA)	VT-3	(2)	082-105
F1.2G	1N27-H0031	RIGID GUIDE (WA)	VT-3	NS	082-104
F1.2G	1N27-H0032	RIGID GUIDE (WA)	VT-3	NS	082-101
F1.50	1N27-H0033	RIGID GUIDE (AUGMENTED HEPIBER)	VT-3	2	082-104
F1.50	1N27-H0034	RIGID GUIDE (AUGMENTED HEPIBER)	VT-3	2	082-101
F1.50	1N27-H1078	RIGID GUIDE (AUGMENTED HEPIBER)	VT-3	2	971-102
F1.50	1N27-H1127	RIGID GUIDE (AUGMENTED HEPIBER)	VT-3	3	971-101
F1.50	1N27-H1129	RIGID GUIDE (AUGMENTED HEPIBER)	VT-3	3	971-101
F1.1E	1N27-P121-SP1	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	082-101
F1.1E	1N27-P414-SP1	RIGID GUIDE (INSIDE PENETRATION GUARD PIPE)	VT-3	NS	082-104
F1.40	1P42-A001A-SP	SURGE TANK ANCHOR (WA)	VT-3	1	621-113
F1.40	1P42-A001B-SP	SURGE TANK ANCHOR (WA)	VT-3	NS	621-113
F1.40	1P42-B001A-SP	HEAT EXCHANGER ANCHOR (WA)	VT-3	1	621-112
F1.40	1P42-B001B-SP	HEAT EXCHANGER ANCHOR (WA)	VT-3	NS	621-112
F1.40	1P42-C001A-SP	PUMP ANCHOR (WA)	VT-3	2	621-102
F1.40	1P42-C001B-SP	PUMP ANCHOR (WA)	VT-3	NS	621-109
F1.3G	1P42-H0102	RIGID GUIDE (WA)	VT-3	(1)	621-106
F1.3ST	1P42-H0103	RIGID STRUT	VT-3	(2)	621-106
F1.3G	1P42-H0104	RIGID GUIDE	VT-3	NS	621-108
F1.3ST	1P42-H0105	RIGID STRUT	VT-3	1	621-108
F1.3ST	1P42-H0106	RIGID STRUT	VT-3	(2)	621-108

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3R	1P42-H0107	RIGID ROD	VT-3	NS	621-108
F1.3ST	1P42-H0108	RIGID STRUT (WA)	VT-3	NS	621-108
F1.3R	1P42-H0109	RIGID ROD	VT-3	(1)	621-108
F1.3R	1P42-H0110	RIGID ROD (WA)	VT-3	(2)	621-106
F1.3G	1P42-H0111	RIGID GUIDE (WA)	VT-3	NS	621-106
F1.3SP	1P42-H0112	VARIABLE SPRING (WA)	VT-3	3	621-106
F1.3G	1P42-H0113	RIGID GUIDE	VT-3	(1)	621-106
F1.3G	1P42-H0114	RIGID GUIDE	VT-3	(2)	621-106
F1.3G	1P42-H0115	RIGID GUIDE (WA)	VT-3	(1)	621-107
F1.3ST	1P42-H0116	RIGID STRUT	VT-3	(2)	621-107
F1.3ST	1P42-H0117	RIGID STRUT	VT-3	NS	621-107
F1.3R	1P42-H0118	RIGID ROD	VT-3	(1)	621-106
F1.3G	1P42-H0119	RIGID GUIDE	VT-3	(2)	621-106
F1.3SP	1P42-H0120	VARIABLE SPRING (WA)	VT-3	NS	621-106
F1.3G	1P42-H0121	RIGID GUIDE	VT-3	(1)	621-106
F1.3G	1P42-H0122	RIGID GUIDE (WA)	VT-3	1	621-106
F1.3R	1P42-H0123	RIGID ROD (WA)	VT-3	(2)	621-107
F1.3G	1P42-H0124	RIGID GUIDE	VT-3	NS	621-101
F1.3R	1P42-H0125	RIGID ROD	VT-3	1	621-108
F1.3ST	1P42-H0138	RIGID STRUT	VT-3	(2)	621-108
F1.3ST	1P42-H0139	RIGID STRUT	VT-3	NS	621-108
F1.3G	1P42-H0140	RIGID GUIDE	VT-3	(1)	621-107
F1.3G	1P42-H0142	RIGID GUIDE	VT-3	(2)	621-109
F1.3ST	1P42-H0143	RIGID STRUT	VT-3	NS	621-109
F1.3G	1P42-H0145	RIGID GUIDE	VT-3	(1)	621-109
F1.3R	1P42-H0146	RIGID ROD	VT-3	(2)	621-109
F1.3R	1P42-H0147	RIGID ROD	VT-3	NS	621-109
F1.3G	1P42-H0148	RIGID GUIDE (WA)	VT-3	NS	621-109
F1.3G	1P42-H0149	RIGID GUIDE	VT-3	(1)	621-109
F1.3G	1P42-H0156	RIGID GUIDE	VT-3	(2)	621-109
F1.3ST	1P42-H0157	RIGID STRUT	VT-3	NS	621-109
F1.3G	1P42-H0158	RIGID GUIDE	VT-3	(1)	621-109
F1.3R	1P42-H0159	RIGID ROD	VT-3	(2)	621-109
F1.3R	1P42-H0160	RIGID ROD	VT-3	NS	621-109
F1.3G	1P42-H0161	RIGID GUIDE (WA)	VT-3	(2)	621-111

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3G	1P42-H0162	RIGID GUIDE (WA)	VT-3	(2)	621-111
F1.3G	1P42-H0163	RIGID GUIDE	VT-3	NS	621-110
F1.3G	1P42-H0164	RIGID GUIDE	VT-3	(1)	621-110
F1.3A	1P42-H0171	ANCHOR (WA)	VT-3	(2)	621-107
F1.3R	1P42-H0181	RIGID ROD	VT-3	NS	621-109
F1.3A	1P42-H0191	ANCHOR (WA)	VT-3	NS	621-101
F1.3ST	1P42-H0194	RIGID STRUT	VT-3	(1)	621-101
F1.3G	1P42-H0195	RIGID GUIDE	VT-3	(2)	621-108
F1.3R	1P42-H0196	RIGID ROD	VT-3	NS	621-101
F1.3R	1P42-H0197	RIGID ROD	VT-3	(1)	621-102
F1.3G	1P42-H0198	RIGID GUIDE	VT-3	(2)	621-102
F1.3R	1P42-H0199	RIGID ROD	VT-3	NS	621-102
F1.3G	1P42-H0204	RIGID GUIDE	VT-3	(1)	621-102
F1.3ST	1P42-H0205	RIGID STRUT	VT-3	(2)	621-102
F1.3G	1P42-H0206	RIGID GUIDE	VT-3	NS	621-102
F1.3R	1P42-H0208	RIGID ROD	VT-3	(1)	621-103
F1.3R	1P42-H0209	RIGID ROD	VT-3	2	621-103
F1.3A	1P42-H0210	ANCHOR (WA)	VT-3	3	621-103
F1.3SP	1P42-H0211	VARIABLE SPRING	VT-3	(1)	621-103
F1.3ST	1P42-H0212	RIGID STRUT	VT-3	(2)	621-103
F1.3ST	1P42-H0213	RIGID STRUT (WA)	VT-3	(2)	621-103
F1.3ST	1P42-H0215	RIGID STRUT	VT-3	3	621-102
F1.3G	1P42-H0216	RIGID GUIDE	VT-3	(1)	621-101
F1.3G	1P42-H0217	RIGID GUIDE	VT-3	2	621-102
F1.3ST	1P42-H0218	RIGID STRUT	VT-3	NS	621-103
F1.3A	1P42-H0219	ANCHOR (WA)	VT-3	NS	621-109
F1.3R	1P42-H0220	RIGID ROD	VT-3	(2)	621-104
F1.3G	1P42-H0221	RIGID GUIDE (WA)	VT-3	NS**	621-104
F1.3G	1P42-H0222	RIGID GUIDE (WA)	VT-3	NS**	621-104
F1.3R	1P42-H0223	RIGID ROD	VT-3	(2)	621-104
F1.3SP	1P42-H0225	VARIABLE SPRING	VT-3	NS	621-103
F1.3ST	1P42-H0226	RIGID STRUT	VT-3	(1)	621-103
F1.3ST	1P42-H0227	RIGID STRUT	VT-3	(2)	621-105
F1.3ST	1P42-H0228	RIGID STRUT	VT-3	NS	621-105
F1.3ST	1P42-H0229	RIGID STRUT	VT-3	(1)	621-105

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3ST	1P42-H0231	RIGID STRUT	VT-3	2	621-105
F1.3ST	1P42-H0232	RIGID STRUT	VT-3	NS	621-105
F1.3R	1P42-H0233	RIGID ROD	VT-3	(1)	621-105
F1.3G	1P42-H0234	RIGID GUIDE (WA)	VT-3	NS	621-105
F1.3R	1P42-H0235	RIGID ROD	VT-3	(1)	621-105
F1.3A	1P42-H0236	ANCHOR (WA)	VT-3	NS	621-105
F1.3SP	1P42-H0237	VARIABLE SPRING	VT-3	(1)	621-104
F1.3ST	1P42-H0238	RIGID STRUT	VT-3	(2)	621-104
F1.3ST	1P42-H0239	RIGID STRUT (WA)	VT-3	(2)	621-103
F1.3ST	1P42-H0240	RIGID STRUT (WA) (TANDEM)	VT-3	(2)	621-103
F1.3ST	1P42-H0241	RIGID STRUT (WA)	VT-3	NS	621-104
F1.3ST	1P42-H0242	RIGID STRUT (WA) (TANDEM)	VT-3	NS	621-104
F1.3SP	1P42-H5003	VARIABLE SPRING	VT-3	NS	621-106
F1.40	1P45-C001A-SP	ANCHOR, PUMP SUPPORT (WA)	VT-3	1	791-108
F1.40	1P45-C001B-SP	ANCHOR, PUMP SUPPORT (WA)	VT-3	(1)	791-109
F1.40	1P45-C002-SP	ANCHOR, PUMP SUPPORT (WA)	VT-3	2	791-107
F1.40	1P45-D002A-SP	ANCHOR, FILTER SUPPORT (WA)	VT-3	2	791-108
F1.40	1P45-D002B-SP	ANCHOR, FILTER SUPPORT (WA)	VT-3	NS	791-109
F1.40	1P45-D003-SP	ANCHOR, FILTER SUPPORT (WA)	VT-3	3	791-107
F1.3G	1P45-H0001	RIGID GUIDE	VT-3	(1)	792-103
F1.3G	1P45-H0002	RIGID GUIDE	VT-3	(2)	792-103
F1.3G	1P45-H0003	RIGID GUIDE	VT-3	NS	792-103
F1.3G	1P45-H0004	RIGID GUIDE	VT-3	1	792-103
F1.3G	1P45-H0005	RIGID GUIDE	VT-3	(2)	792-103
F1.3G	1P45-H0006	RIGID GUIDE	VT-3	NS	792-103
F1.3G	1P45-H0007	RIGID GUIDE	VT-3	(1)	792-103
F1.3G	1P45-H0008	RIGID GUIDE	VT-3	(2)	792-103
F1.3R	1P45-H0009	RIGID ROD	VT-3	NS	792-103
F1.3G	1P45-H0010	RIGID GUIDE	VT-3	(1)	791-107
F1.3ST	1P45-H0011	RIGID STRUT	VT-3	(2)	791-107
F1.3G	1P45-H0012	RIGID GUIDE	VT-3	NS	791-107
F1.3G	1P45-H0018	RIGID GUIDE	VT-3	(1)	792-102
F1.3A	1P45-H0020	ANCHOR (WA)	VT-3	(2)	792-103
F1.3A	1P45-H0021	ANCHOR (WA)	VT-3	(2)	792-103

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3A	1P45-H0022	ANCHOR (WA)	VT-3	NS**	792-106
F1.3G	1P45-H0023	RIGID GUIDE	VT-3	(1)	792-106
F1.3G	1P45-H0024	RIGID GUIDE	VT-3	(2)	792-106
F1.3G	1P45-H0025	RIGID GUIDE	VT-3	3	792-106
F1.3G	1P45-H0026	RIGID GUIDE	VT-3	(1)	792-106
F1.3G	1P45-H0027	RIGID GUIDE	VT-3	(2)	792-106
F1.3G	1P45-H0028	RIGID GUIDE	VT-3	NS	792-106
F1.3G	1P45-H0029	RIGID GUIDE	VT-3	(1)	792-106
F1.3G	1P45-H0030	RIGID GUIDE	VT-3	(2)	792-106
F1.3R	1P45-H0031	RIGID ROD	VT-3	NS	792-106
F1.3SP	1P45-H0032	VARIABLE SPRING	VT-3	(1)	792-105
F1.3A	1P45-H0033	ANCHOR (WA)	VT-3	NS	792-105
F1.3A	1P45-H0034	ANCHOR (WA)	VT-3	NS	792-106
F1.3A	1P45-H0035	ANCHOR (WA)	VT-3	(2)	792-117
F1.3G	1P45-H0036	RIGID GUIDE	VT-3	NS	792-117
F1.3G	1P45-H0037	RIGID GUIDE	VT-3	(1)	792-117
F1.3G	1P45-H0038	RIGID GUIDE	VT-3	(2)	792-117
F1.3G	1P45-H0039	RIGID GUIDE	VT-3	NS	792-117
F1.3G	1P45-H0040	RIGID GUIDE	VT-3	(1)	792-117
F1.3G	1P45-H0041	RIGID GUIDE	VT-3	(2)	792-116
F1.3G	1P45-H0042	RIGID GUIDE	VT-3	NS	792-116
F1.3G	1P45-H0043	RIGID GUIDE	VT-3	(1)	792-116
F1.3G	1P45-H0044	RIGID GUIDE	VT-3	2	792-116
F1.3ST	1P45-H0045	RIGID STRUT	VT-3	NS	792-116
F1.3R	1P45-H0046	RIGID ROD	VT-3	1	792-116
F1.3A	1P45-H0047	ANCHOR (WA)	VT-3	NS	792-116
F1.3A	1P45-H0048	ANCHOR (WA)	VT-3	(1)	792-115
F1.3A	1P45-H0049	ANCHOR (WA)	VT-3	NS**	792-112
F1.3G	1P45-H0050	RIGID GUIDE	VT-3	NS	792-112
F1.3G	1P45-H0051	RIGID GUIDE	VT-3	(1)	792-112
F1.3G	1P45-H0052	RIGID GUIDE	VT-3	(2)	792-112
F1.3G	1P45-H0053	RIGID GUIDE	VT-3	NS	792-112
F1.3G	1P45-H0054	RIGID GUIDE	VT-3	(1)	792-112
F1.3G	1P45-H0055	RIGID GUIDE	VT-3	(2)	792-112
F1.3G	1P45-H0056	RIGID GUIDE	VT-3	NS	792-112

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3G	1P45-H0057	RIGID GUIDE	VT-3	(1)	792-112
F1.3G	1P45-H0058	RIGID GUIDE	VT-3	(2)	792-112
F1.3R	1P45-H0059	RIGID ROD	VT-3	NS	792-112
F1.3A	1P45-H0060	ANCHOR (WA)	VT-3	NS	792-112
F1.3G	1P45-H0061	RIGID GUIDE	VT-3	(1)	792-112
F1.3G	1P45-H0062	RIGID GUIDE	VT-3	(2)	792-112
F1.3G	1P45-H0063	RIGID GUIDE	VT-3	3	792-112
F1.3G	1P45-H0064	RIGID GUIDE	VT-3	(1)	792-112
F1.3G	1P45-H0065	RIGID GUIDE	VT-3	(2)	792-112
F1.3G	1P45-H0066	RIGID GUIDE	VT-3	NS	792-112
F1.2G	1P45-H0067	RIGID GUIDE	VT-3	(1)	792-112
F1.3ST	1P45-H0068	RIGID STRUT	VT-3	(2)	792-112
F1.3ST	1P45-H0069	RIGID STRUT	VT-3	NS	792-112
F1.3A	1P45-H0070	ANCHOR (WA)	VT-3	1	792-112
F1.3SP	1P45-H0071	VARIABLE SPRING (WA)	VT-3	1	792-113
F1.3ST	1P45-H0072	RIGID STRUT	VT-3	(2)	792-112
F1.3ST	1P45-H0073	RIGID STRUT	VT-3	NS	792-113
F1.3ST	1P45-H0074	RIGID STRUT	VT-3	(1)	792-113
F1.3SP	1P45-H0075	VARIABLE SPRING	VT-3	(2)	792-113
F1.3ST	1P45-H0076	RIGID STRUT	VT-3	NS	792-113
F1.3A	1P45-H0077	ANCHOR (WA)	VT-3	NS	792-113
F1.3G	1P45-H0078	RIGID GUIDE	VT-3	(1)	792-117
F1.3G	1P45-H0079	RIGID GUIDE	VT-3	(2)	792-117
F1.3G	1P45-H0080	RIGID GUIDE	VT-3	NS	792-117
F1.3G	1P45-H0081	RIGID GUIDE	VT-3	1	792-117
F1.3G	1P45-H0082	RIGID GUIDE	VT-3	(2)	792-117
F1.3G	1P45-H0083	RIGID GUIDE	VT-3	NS	792-117
F1.3G	1P45-H0084	RIGID GUIDE	VT-3	(1)	792-117
F1.3R	1P45-H0085	RIGID ROD	VT-3	(2)	792-117
F1.3G	1P45-H0086	RIGID GUIDE	VT-3	NS	792-117
F1.3G	1P45-H0087	RIGID GUIDE	VT-3	(1)	792-117
F1.3G	1P45-H0088	RIGID GUIDE	VT-3	(2)	792-117
F1.3A	1P45-H0089	ANCHOR (WA)	VT-3	NS	792-118
F1.3G	1P45-H0090	RIGID GUIDE	VT-3	(1)	791-111
F1.3G	1P45-H0091	RIGID GUIDE	VT-3	(2)	791-111

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3G	1P45-H0092	RIGID GUIDE	VT-3	NS	791-111
F1.3G	1P45-H0093	RIGID GUIDE	VT-3	(1)	791-111
F1.3G	1P45-H0094	RIGID GUIDE	VT-3	2	791-111
F1.3G	1P45-H0095	RIGID GUIDE	VT-3	NS	791-111
F1.3G	1P45-H0096	RIGID GUIDE	VT-3	(1)	791-111
F1.3SN	1P45-H0097	MECHANICAL SNUBBER (WA)	VT-3	(2)	791-111
F1.3SP	1P45-H0098	VARIABLE SPRING	VT-3	NS	791-111
F1.3ST	1P45-H0099	RIGID STRUT	VT-3	(2)	791-111
F1.3A	1P45-H0100	ANCHOR (WA)	VT-3	NS	791-111
F1.3ST	1P45-H0101	RIGID STRUT	VT-3	1	792-118
F1.3ST	1P45-H0102	RIGID STRUT (TANDEM)	VT-3	(2)	792-118
F1.3SP	1P45-H0103	VARIABLE SPRING	VT-3	NS	792-118
F1.3SN	1P45-H0104	MECHANICAL SNUBBER (TANDEM)	VT-3	(1)	792-118
F1.3G	1P45-H0105	RIGID GUIDE	VT-3	(2)	792-107
F1.3G	1P45-H0106	RIGID GUIDE	VT-3	NS	792-107
F1.3G	1P45-H0107	RIGID GUIDE	VT-3	(1)	792-107
F1.3G	1P45-H0108	RIGID GUIDE	VT-3	(2)	792-107
F1.3G	1P45-H0109	RIGID GUIDE	VT-3	NS	792-107
F1.3G	1P45-H0110	RIGID GUIDE	VT-3	(1)	792-107
F1.3G	1P45-H0111	RIGID GUIDE	VT-3	(2)	792-107
F1.3ST	1P45-H0112	RIGID STRUT	VT-3	NS	792-107
F1.3G	1P45-H0113	RIGID GUIDE	VT-3	(1)	792-107
F1.3G	1P45-H0114	RIGID GUIDE	VT-3	(2)	792-107
F1.3G	1P45-H0115	RIGID GUIDE	VT-3	3	792-107
F1.3G	1P45-H0116	RIGID GUIDE	VT-3	(1)	792-107
F1.3G	1P45-H0117	RIGID GUIDE	VT-3	(2)	792-107
F1.3G	1P45-H0118	RIGID GUIDE	VT-3	NS	792-107
F1.3G	1P45-H0119	RIGID GUIDE	VT-3	1	792-107
F1.3G	1P45-H0120	RIGID GUIDE	VT-3	(2)	792-107
F1.3G	1P45-H0121	RIGID GUIDE	VT-3	NS	792-107
F1.3G	1P45-H0122	RIGID GUIDE	VT-3	(1)	792-107
F1.3A	1P45-H0123	ANCHOR (WA)	VT-3	NS	792-108
F1.3ST	1P45-H0124	RIGID STRUT (WA) (TANDEM)	VT-3	NS	792-107
F1.3SP	1P45-H0125	VARIABLE SPRING	VT-3	(1)	792-107
F1.3SN	1P45-H0126	MECHANICAL SNUBBER	VT-3	(2)	792-107

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3A	1P45-H0127	ANCHOR (WA)	VT-3	NS**	792-107
F1.3A	1P45-H0128	ANCHOR (WA)	VT-3	(2)	792-107
F1.3ST	1P45-H0129	RIGID STRUT	VT-3	NS	792-108
F1.3ST	1P45-H0130	RIGID STRUT (TANDEM)	VT-3	(1)	792-108
F1.3SP	1P45-H0131	VARIABLE SPRING	VT-3	(2)	792-108
F1.3SN	1P45-H0132	MECHANICAL SNUBBER (TANDEM)	VT-3	NS	792-108
F1.3G	1P45-H0133	RIGID GUIDE	VT-3	(1)	792-103
F1.3ST	1P45-H0134	RIGID SUPPORT	VT-3	(2)	792-103
F1.3G	1P45-H0135	RIGID GUIDE	VT-3	NS	792-103
F1.3G	1P45-H0136	RIGID GUIDE	VT-3	(1)	792-103
F1.3G	1P45-H0137	RIGID GUIDE	VT-3	(2)	792-103
F1.3G	1P45-H0138	RIGID GUIDE	VT-3	3	792-103
F1.3G	1P45-H0139	RIGID GUIDE	VT-3	(1)	792-103
F1.3SP	1P45-H0140	VARIABLE SPRING	VT-3	(2)	792-103
F1.3ST	1P45-H0141	RIGID STRUT	VT-3	NS	792-103
F1.3G	1P45-H0142	RIGID GUIDE	VT-3	(1)	792-104
F1.3G	1P45-H0143	RIGID GUIDE	VT-3	(2)	792-104
F1.3G	1P45-H0144	RIGID GUIDE	VT-3	NS	792-104
F1.3G	1P45-H0145	RIGID GUIDE	VT-3	(1)	792-104
F1.3G	1P45-H0146	RIGID GUIDE	VT-3	(2)	792-104
F1.3G	1P45-H0147	RIGID GUIDE	VT-3	NS	792-104
F1.3G	1P45-H0148	RIGID GUIDE	VT-3	(1)	792-104
F1.3G	1P45-H0149	RIGID GUIDE	VT-3	(1)	792-104
F1.3G	1P45-H0150	RIGID GUIDE	VT-3	2	792-104
F1.3G	1P45-H0151	RIGID GUIDE	VT-3	NS	792-104
F1.3G	1P45-H0152	RIGID GUIDE	VT-3	(1)	792-104
F1.3G	1P45-H0153	RIGID GUIDE	VT-3	(2)	792-104
F1.3G	1P45-H0154	RIGID GUIDE	VT-3	NS	792-104
F1.3G	1P45-H0155	RIGID GUIDE	VT-3	(1)	792-104
F1.3SP	1P45-H0156	VARIABLE SPRING	VT-3	2	792-104
F1.3ST	1P45-H0157	RIGID STRUT	VT-3	NS	792-104
F1.3ST	1P45-H0158	RIGID STRUT	VT-3	(1)	792-104
F1.3A	1P45-H0159	ANCHOR (WA)	VT-3	3	792-104
F1.3ST	1P45-H0160	RIGID STRUT	VT-3	(1)	792-104
F1.3ST	1P45-H0161	RIGID STRUT	VT-3	(2)	792-104

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3G	1P45-H0162	RIGID GUIDE	VT-3	NS**	792-104
F1.3ST	1P45-H0163	RIGID STRUT	VT-3	(1)	792-104
F1.3SP	1P45-H0164	VARIABLE SPRING	VT-3	(2)	792-104
F1.3G	1P45-H0165	RIGID GUIDE	VT-3	NS	792-104
F1.3ST	1P45-H0166	RIGID STRUT (TANDEM)	VT-3	(1)	792-104
F1.3SP	1P45-H0167	VARIABLE SPRING	VT-3	(2)	792-104
F1.3ST	1P45-H0168	RIGID STRUT (TANDEM)	VT-3	(1)	792-104
F1.3ST	1P45-H0169	RIGID STRUT (WA)	VT-3	NS	792-104
F1.3G	1P45-H0170	RIGID GUIDE (WA)	VT-3	(2)	791-106
F1.3SP	1P45-H0171	VARIABLE SPRING	VT-3	(2)	791-106
F1.3A	1P45-H0172	ANCHOR (WA)	VT-3	(1)	791-106
F1.3ST	1P45-H0173	RIGID STRUT	VT-3	2	791-106
F1.3SP	1P45-H0175	VARIABLE SPRING (WA)	VT-3	NS	791-106
F1.3SN	1P45-H0176	MECHANICAL SNUBBER (TANDEM)	VT-3	(1)	791-106
F1.3SN	1P45-H0177	MECHANICAL SNUBBER (TANDEM)	VT-3	(2)	791-106
F1.3SP	1P45-H0178	VARIABLE SPRING	VT-3	NS	791-106
F1.3SN	1P45-H0179	MECHANICAL SNUBBER	VT-3	(1)	791-106
F1.3SP	1P45-H0180	VARIABLE SPRING	VT-3	(2)	791-106
F1.3ST	1P45-H0181	RIGID STRUT	VT-3	NS	791-106
F1.3ST	1P45-H0182	RIGID STRUT	VT-3	(1)	791-106
F1.3SN	1P45-H0183	MECHANICAL SNUBBER (WA)	VT-3	1	791-106
F1.3R	1P45-H0184	RIGID ROD	VT-3	(2)	791-106
F1.3SN	1P45-H0185	MECHANICAL SNUBBER (TANDEM)	VT-3	NS	791-106
F1.3SN	1P45-H0186	MECHANICAL SNUBBER (WA)	VT-3	(2)	791-106
F1.3R	1P45-H0187	RIGID ROD	VT-3	NS	791-106
F1.3R	1P45-H0188	RIGID ROD	VT-3	(1)	791-106
F1.3A	1P45-H0189	ANCHOR (WA)	VT-3	NS	791-106
F1.3ST	1P45-H0190	RIGID STRUT	VT-3	(1)	791-113
F1.3G	1P45-H0191	RIGID GUIDE (WA)	VT-3	NS**	791-113
F1.3SN	1P45-H0192	MECHANICAL SNUBBER	VT-3	NS	791-113
F1.3ST	1P45-H0193	RIGID STRUT	VT-3	(1)	791-113
F1.3ST	1P45-H0194	RIGID STRUT	VT-3	(2)	791-113
F1.3ST	1P45-H0195	RIGID STRUT	VT-3	NS	791-113
F1.3ST	1P45-H0196	RIGID STRUT	VT-3	(1)	791-113
F1.3ST	1P45-H0197	RIGID STRUT	VT-3	(2)	791-113

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3ST	1P45-H0198	RIGID STRUT	VT-3	NS	791-113
F1.3G	1P45-H0199	RIGID GUIDE	VT-3	(1)	791-113
F1.3G	1P45-H0200	RIGID GUIDE	VT-3	(2)	791-113
F1.3R	1P45-H0201	RIGID ROD	VT-3	NS	791-113
F1.3G	1P45-H0202	RIGID GUIDE	VT-3	(1)	791-113
F1.3R	1P45-H0203	RIGID ROD	VT-3	(2)	791-113
F1.3R	1P45-H0204	RIGID ROD	VT-3	NS	791-113
F1.3G	1P45-H0205	RIGID GUIDE	VT-3	1	791-113
F1.3A	1P45-H0210	ANCHOR (WA)	VT-3	NS	791-113
F1.3SP	1P45-H0211	VARIABLE SPRING	VT-3	(1)	791-111
F1.3SN	1P45-H0212	MECHANICAL SNUBBER (WA)	VT-3	(1)	791-112
F1.3ST	1P45-H0213	RIGID STRUT	VT-3	(1)	791-111
F1.3ST	1P45-H0215	RIGID STRUT (WA)	VT-3	(2)	791-112
F1.3SN	1P45-H0216	MECHANICAL SNUBBER (WA)	VT-3	3	791-112
F1.3R	1P45-H0217	RIGID ROD	VT-3	(1)	791-112
F1.3G	1P45-H0218	RIGID GUIDE	VT-3	(2)	791-112
F1.3R	1P45-H0219	RIGID ROD	VT-3	NS	791-112
F1.3R	1P45-H0220	RIGID ROD	VT-3	(1)	791-112
F1.3G	1P45-H0221	RIGID GUIDE	VT-3	(2)	791-112
F1.3SN	1P45-H0222	MECHANICAL SNUBBER (WA)	VT-3	(2)	791-112
F1.3R	1P45-H0223	RIGID ROD	VT-3	NS	791-112
F1.3R	1P45-H0224	RIGID ROD	VT-3	(1)	791-112
F1.3G	1P45-H0225	RIGID GUIDE	VT-3	(2)	791-112
F1.3ST	1P45-H0226	RIGID STRUT (WA)	VT-3	(1)	791-112
F1.3R	1P45-H0227	RIGID ROD	VT-3	(2)	791-112
F1.3R	1P45-H0228	RIGID ROD	VT-3	NS	791-112
F1.3A	1P45-H0229	ANCHOR (WA)	VT-3	(2)	791-112
F1.3ST	1P45-H0230	RIGID STRUT	VT-3	NS	791-106
F1.3ST	1P45-H0231	RIGID STRUT	VT-3	(1)	791-106
F1.3A	1P45-H0232	ANCHOR (WA)	VT-3	(1)	791-103
F1.3R	1P45-H0233	RIGID ROD	VT-3	(2)	791-103
F1.3R	1P45-H0235	RIGID ROD	VT-3	NS	791-103
F1.3G	1P45-H0236	RIGID GUIDE	VT-3	(1)	791-103
F1.3R	1P45-H0237	RIGID ROD	VT-3	(2)	791-103
F1.3R	1P45-H0239	RIGID ROD	VT-3	NS	791-103

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3ST	1P45-H0240	RIGID STRUT	VT-3	1	791-103
F1.3R	1P45-H0241	RIGID ROD	VT-3	(2)	791-103
F1.3R	1P45-H0242	RIGID ROD	VT-3	NS	791-103
F1.3A	1P45-H0243	ANCHOR (WA)	VT-3	2	791-102
F1.3R	1P45-H0244	RIGID ROD	VT-3	(1)	791-103
F1.3ST	1P45-H0245	RIGID STRUT	VT-3	(2)	791-103
F1.3R	1P45-H0246	RIGID ROD	VT-3	NS	791-103
F1.3G	1P45-H0247	RIGID GUIDE	VT-3	(1)	791-103
F1.3R	1P45-H0248	RIGID ROD	VT-3	2	791-103
F1.3G	1P45-H0249	RIGID GUIDE	VT-3	3	791-103
F1.3R	1P45-H0250	RIGID ROD	VT-3	(1)	791-103
F1.3G	1P45-H0251	RIGID GUIDE	VT-3	(2)	791-103
F1.3ST	1P45-H0252	RIGID STRUT	VT-3	NS	791-103
F1.3G	1P45-H0253	RIGID GUIDE	VT-3	(1)	791-103
F1.3ST	1P45-H0254	RIGID STRUT	VT-3	(2)	791-103
F1.3G	1P45-H0255	RIGID GUIDE	VT-3	NS	791-103
F1.3ST	1P45-H0256	RIGID STRUT (WA)	VT-3	(2)	791-103
F1.3G	1P45-H0257	RIGID GUIDE	VT-3	(1)	791-104
F1.3G	1P45-H0258	RIGID GUIDE	VT-3	(2)	791-104
F1.3G	1P45-H0259	RIGID GUIDE	VT-3	NS	791-104
F1.3G	1P45-H0260	RIGID GUIDE	VT-3	(1)	791-104
F1.3G	1P45-H0261	RIGID GUIDE	VT-3	(2)	791-104
F1.3G	1P45-H0262	RIGID GUIDE	VT-3	NS	791-104
F1.3G	1P45-H0263	RIGID GUIDE	VT-3	(1)	791-104
F1.3G	1P45-H0264	RIGID GUIDE	VT-3	(2)	791-104
F1.3G	1P45-H0265	RIGID GUIDE	VT-3	NS	791-104
F1.3G	1P45-H0266	RIGID GUIDE	VT-3	(1)	791-104
F1.3G	1P45-H0267	RIGID GUIDE	VT-3	2	791-104
F1.3G	1P45-H0268	RIGID GUIDE	VT-3	NS	791-104
F1.3G	1P45-H0269	RIGID GUIDE	VT-3	(1)	791-104
F1.3SN	1P45-H0270	HYDRAULIC SNUBBER	VT-3	(2)	791-104
F1.3G	1P45-H0271	RIGID GUIDE (WA)	VT-3	NS**	791-104
F1.3SP	1P45-H0272	VARIABLE SPRING (WA)	VT-3	NS	791-104
F1.3ST	1P45-H0273	RIGID STRUT (WA) (TANDEM)	VT-3	NS	791-104
F1.3G	1P45-H0274	RIGID GUIDE (WA)	VT-3	NS	791-105

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3SP	1P45-H0277	VARIABLE SPRING (WA)	VT-3	(1)	791-105
F1.3ST	1P45-H0279	RIGID STRUT	VT-3	(2)	791-105
F1.3ST	1P45-H0280	RIGID STRUT	VT-3	NS	791-105
F1.3ST	1P45-H0281	RIGID STRUT	VT-3	(1)	791-105
F1.3ST	1P45-H0282	RIGID STRUT	VT-3	(2)	791-105
F1.3ST	1P45-H0283	RIGID STRUT	VT-3	NS	791-105
F1.3ST	1P45-H0283	RIGID STRUT	VT-3	(1)	791-105
F1.3ST	1P45-H0284	RIGID STRUT	VT-3	(2)	791-105
F1.3ST	1P45-H0285	RIGID STRUT	VT-3	NS	791-105
F1.3ST	1P45-H0286	RIGID STRUT	VT-3	(2)	791-105
F1.3A	1P45-H0287	ANCHOR (WA)	VT-3	NS	791-106
F1.3ST	1P45-H0288	RIGID STRUT	VT-3	(1)	792-104
F1.3SN	1P45-H0292	MECHANICAL SNUBBER	VT-3	NS	792-109
F1.3A	1P45-H0293	ANCHOR (WA)	VT-3	(2)	792-109
F1.3G	1P45-H0294	RIGID GUIDE (WA)	VT-3	NS	792-109
F1.3G	1P45-H0295	RIGID GUIDE	VT-3	(1)	792-109
F1.3G	1P45-H0296	RIGID GUIDE	VT-3	(2)	792-109
F1.3G	1P45-H0297	RIGID GUIDE (WA)	VT-3	(1)	792-109
F1.3G	1P45-H0298	RIGID GUIDE (WA)	VT-3	(2)	792-109
F1.3ST	1P45-H0300	RIGID STRUT	VT-3	NS	792-106
F1.3G	1P45-H0301	RIGID GUIDE	VT-3	(1)	792-106
F1.3G	1P45-H0302	RIGID GUIDE	VT-3	(2)	792-106
F1.3G	1P45-H0303	RIGID GUIDE	VT-3	NS	792-106
F1.3G	1P45-H0304	RIGID GUIDE	VT-3	(1)	792-106
F1.3G	1P45-H0305	RIGID GUIDE	VT-3	(2)	792-106
F1.3G	1P45-H0306	RIGID GUIDE	VT-3	NS	792-106
F1.3G	1P45-H0307	RIGID GUIDE	VT-3	(2)	792-114
F1.3A	1P45-H0308	ANCHOR (WA)	VT-3	NS	792-115
F1.3R	1P45-H0309	RIGID ROD (WA)	VT-3	(1)	792-115
F1.3G	1P45-H0310	RIGID GUIDE	VT-3	NS**	792-115
F1.3G	1P45-H0311	RIGID GUIDE	VT-3	1	792-115
F1.3G	1P45-H0312	RIGID GUIDE (WA)	VT-3	(1)	792-115
F1.3G	1P45-H0313	RIGID GUIDE (WA)	VT-3	(2)	792-115
F1.3G	1P45-H0345	RIGID GUIDE	VT-3	NS	792-115
F1.3G	1P45-H0346	RIGID GUIDE	VT-3	(1)	792-115
F1.3G	1P45-H0347	RIGID GUIDE			

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3G	1P45-H0348	RIGID GUIDE	VT-3	(2)	792-115
F1.3G	1P45-H0349	RIGID GUIDE	VT-3	NS	792-115
F1.3G	1P45-H0350	RIGID GUIDE	VT-3	(1)	792-115
F1.3G	1P45-H0351	RIGID GUIDE	VT-3	(2)	792-115
F1.3G	1P45-H0352	RIGID GUIDE	VT-3	NS	792-115
F1.3SN	1P45-H0353	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	(2)	792-104
F1.3G	1P45-H0354	RIGID GUIDE	VT-3	NS	792-103
F1.3ST	1P45-H0357	RIGID STRUT (WA)	VT-3	3	792-103
F1.3G	1P45-H0358	RIGID GUIDE	VT-3	(1)	792-116
F1.3G	1P45-H0359	RIGID GUIDE	VT-3	(2)	792-116
F1.3G	1P45-H0360	RIGID GUIDE	VT-3	3	792-116
F1.3G	1P45-H0362	RIGID GUIDE	VT-3	(1)	792-110
F1.3G	1P45-H0363	RIGID GUIDE	VT-3	(2)	792-110
F1.3G	1P45-H0364	RIGID GUIDE	VT-3	NS	792-110
F1.3G	1P45-H0365	RIGID GUIDE (WA)	VT-3	(2)	792-110
F1.3G	1P45-H0366	RIGID GUIDE	VT-3	NS	792-110
F1.3G	1P45-H0367	RIGID GUIDE	VT-3	(1)	792-110
F1.3G	1P45-H0368	RIGID GUIDE	VT-3	2	792-110
F1.3ST	1P45-H0369	RIGID STRUT (WA)	VT-3	(1)	792-110
F1.3G	1P45-H0370	RIGID GUIDE	VT-3	(2)	792-102
F1.3G	1P45-H0371	RIGID GUIDE	VT-3	NS	792-110
F1.3G	1P45-H0372	RIGID GUIDE	VT-3	(1)	792-110
F1.3G	1P45-H0373	RIGID GUIDE	VT-3	(2)	792-111
F1.3G	1P45-H0374	RIGID GUIDE (WA)	VT-3	NS	792-111
F1.3G	1P45-H0376	RIGID GUIDE	VT-3	(1)	792-105
F1.3G	1P45-H0380	RIGID GUIDE	VT-3	(2)	792-102
F1.3G	1P45-H0381	RIGID GUIDE	VT-3	NS	792-102
F1.3ST	1P45-H0382	RIGID STRUT (WA)	VT-3	2	792-102
F1.3G	1P45-H0383	RIGID GUIDE (WA)	VT-3	(2)	792-110
F1.3G	1P45-H0384	RIGID GUIDE	VT-3	NS	792-102
F1.3ST	1P45-H0385	RIGID STRUT	VT-3	(1)	792-102
F1.3G	1P45-H0386	RIGID GUIDE (WA)	VT-3	NS	792-102
F1.3ST	1P45-H0387	RIGID STRUT	VT-3	(1)	792-102
F1.3A	1P45-H0388	ANCHOR (WA)	VT-3	(1)	792-101
F1.3A	1P45-H0389	ANCHOR (WA)	VT-3	(2)	792-111

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3G	1P45-H0390	RIGID GUIDE	VT-3	NS	792-105
F1.3G	1P45-H0391	RIGID GUIDE	VT-3	1	792-105
F1.3G	1P45-H0392	RIGID GUIDE	VT-3	(2)	792-105
F1.3G	1P45-H0393	RIGID GUIDE	VT-3	NS	792-105
F1.3ST	1P45-H0395	RIGID STRUT (WA)	VT-3	(2)	791-105
F1.3ST	1P45-H0396	RIGID STRUT	VT-3	NS	791-105
F1.3G	1P45-H0397	RIGID GUIDE	VT-3	NS**	791-108
F1.3G	1P45-H0398	RIGID GUIDE	VT-3	NS**	791-108
F1.3G	1P45-H0399	RIGID GUIDE	VT-3	NS**	791-109
F1.3G	1P45-H0400	RIGID GUIDE	VT-3	NS**	791-109
F1.3G	1P45-H0401	RIGID GUIDE	VT-3	NS**	791-107
F1.3G	1P45-H0402	RIGID GUIDE	VT-3	NS**	791-107
F1.3ST	1P45-H0403	RIGID STRUT	VT-3	(1)	791-105
F1.3G	1P45-H0404	RIGID GUIDE	VT-3	(2)	791-101
F1.3ST	1P45-H0405	RIGID STRUT	VT-3	3	791-101
F1.3G	1P45-H0406	RIGID GUIDE	VT-3	(1)	791-101
F1.3ST	1P45-H0407	RIGID STRUT	VT-3	(2)	791-101
F1.3G	1P45-H0408	RIGID GUIDE	VT-3	3	791-101
F1.3ST	1P45-H0409	RIGID STRUT	VT-3	(1)	791-101
F1.3G	1P45-H0410	RIGID GUIDE	VT-3	(2)	791-101
F1.3ST	1P45-H0411	RIGID STRUT	VT-3	NS	791-101
F1.3G	1P45-H0412	RIGID GUIDE	VT-3	(1)	791-101
F1.3ST	1P45-H0413	RIGID STRUT (WA)	VT-3	(2)	791-101
F1.3ST	1P45-H0414	RIGID STRUT	VT-3	NS	791-101
F1.3ST	1P45-H0415	RIGID STRUT	VT-3	(1)	791-101
F1.3ST	1P45-H0416	RIGID STRUT	VT-3	(2)	791-101
F1.3G	1P45-H0417	RIGID GUIDE (WA)	VT-3	NS**	791-101
F1.3ST	1P45-H0418	RIGID STRUT	VT-3	(2)	791-102
F1.3ST	1P45-H0419	RIGID STRUT	VT-3	NS	791-102
F1.3G	1P45-H0420	RIGID GUIDE	VT-3	(1)	791-102
F1.3G	1P45-H0421	RIGID GUIDE	VT-3	(2)	791-102
F1.3SN	1P45-H0422	MECHANICAL SNUBBER (WA)	VT-3	(1)	791-102
F1.3G	1P45-H0423	RIGID GUIDE	VT-3	(1)	791-102
F1.3G	1P45-H0424	RIGID GUIDE	VT-3	(2)	791-102
F1.3G	1P45-H0425	RIGID GUIDE	VT-3	NS	791-102

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.3G	1P45-H0426	RIGID GUIDE	VT-3	(1)	791-102
F1.3ST	1P45-H0427	RIGID STRUT	VT-3	(2)	791-102
F1.3G	1P45-H0428	RIGID GUIDE (WA)	VT-3	NS	791-102
F1.3G	1P45-H0430	RIGID GUIDE	VT-3	NS**	791-102
F1.3R	1P45-H0431	RIGID ROD (WA)	VT-3	(1)	791-102
F1.3G	1P45-H0434	RIGID GUIDE	VT-3	(2)	792-114
F1.3G	1P45-H0435	RIGID GUIDE	VT-3	NS	792-111
F1.3G	1P45-H0437	RIGID GUIDE	VT-3	(1)	792-111
F1.3ST	1P45-H0438	RIGID STRUT	VT-3	(2)	791-102
F1.3ST	1P45-H0439	RIGID STRUT	VT-3	NS	791-102
F1.3SN	1P45-H0440	MECHANICAL SNUBBER	VT-3	(1)	791-102
F1.3SN	1P45-H0441	MECHANICAL SNUBBER	VT-3	(2)	791-102
F1.3SN	1P45-H0444	MECHANICAL SNUBBER	VT-3	NS	791-102
F1.3SN	1P45-H0445	MECHANICAL SNUBBER	VT-3	(1)	791-102
F1.3G	1P45-H0446	RIGID GUIDE	VT-3	(2)	792-114
F1.3G	1P45-H0447	RIGID GUIDE	VT-3	NS	792-111
F1.3ST	1P45-H0448	RIGID STRUT	VT-3	1	792-114
F1.3ST	1P45-H0449	RIGID STRUT	VT-3	(2)	792-111
F1.3ST	1P45-H0501	RIGID STRUT	VT-3	NS	792-114
F1.3SN	1P45-H0502	MECHANICAL SNUBBER	VT-3	(1)	792-111
F1.3ST	1P45-H0503	RIGID STRUT	VT-3	(2)	792-111
F1.3G	1P45-H0504	RIGID GUIDE	VT-3	NS	792-114
F1.3G	1P45-H0505	RIGID GUIDE	VT-3	(1)	792-111
F1.3G	1P45-H0506	RIGID GUIDE	VT-3	2	792-114
F1.3G	1P45-H0507	RIGID GUIDE	VT-3	NS	792-114
F1.3G	1P45-H0508	RIGID GUIDE	VT-3	1	792-111
F1.3SN	1P45-H0509	MECHANICAL SNUBBER (WA)	VT-3	(2)	792-111
F1.3SN	1P45-H0510	MECHANICAL SNUBBER (WA)	VT-3	2	792-114
F1.3ST	1P45-H0511	RIGID STRUT (WA)	VT-3	NS	792-114
F1.3SN	1P45-H0512	MECHANICAL SNUBBER (WA)	VT-3	NS	792-111
F1.3G	1P45-H0513	RIGID GUIDE	VT-3	(1)	792-114
F1.3G	1P45-H0514	RIGID GUIDE	VT-3	(2)	792-111
F1.3ST	1P45-H0515	RIGID STRUT (WA)	VT-3	(1)	792-114
F1.3SN	1P45-H0516	MECHANICAL SNUBBER (WA)	VT-3	(2)	792-111
F1.3G	1P45-H0517	RIGID GUIDE	VT-3	NS	792-101

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3G	1P45-H0518	RIGID GUIDE	VT-3	(1)	792-109
F1.3G	1P45-H0519	RIGID GUIDE	VT-3	(2)	792-101
F1.3G	1P45-H0520	RIGID GUIDE	VT-3	NS	792-109
F1.3SN	1P45-H0521	MECHANICAL SNUBBER (WA)	VT-3	(1)	792-101
F1.3G	1P45-H0522	RIGID GUIDE	VT-3	2	792-109
F1.3G	1P45-H0523	RIGID GUIDE	VT-3	NS	792-101
F1.3ST	1P45-H0524	RIGID STRUT	VT-3	(1)	792-109
F1.3SN	1P45-H0525	MECHANICAL SNUBBER (TANDEM)	VT-3	(2)	792-101
F1.3SN	1P45-H0526	MECHANICAL SNUBBER (WA)	VT-3	NS	792-101
F1.3ST	1P45-H0527	RIGID STRUT	VT-3	1	792-101
F1.3ST	1P45-H0528	RIGID STRUT	VT-3	(2)	792-101
F1.3ST	1P45-H0529	RIGID STRUT	VT-3	NS	792-101
F1.3G	1P45-H0530	RIGID GUIDE	VT-3	(1)	792-111
F1.3G	1P45-H0531	RIGID GUIDE	VT-3	(2)	792-111
F1.3G	1P45-H0532	RIGID GUIDE	VT-3	NS	792-111
F1.3ST	1P45-H0547	RIGID STRUT	VT-3	(1)	792-111
F1.3G	1P45-H0548	RIGID GUIDE	VT-3	(2)	792-111
F1.3ST	1P45-H0549	RIGID STRUT	VT-3	NS	792-111
F1.3G	1P45-H0550	RIGID GUIDE	VT-3	(1)	792-111
F1.3ST	1P45-H0551	RIGID STRUT	VT-3	(2)	792-111
F1.3G	1P45-H0552	RIGID GUIDE	VT-3	NS	792-111
F1.3G	1P45-H0603	RIGID GUIDE	VT-3	(1)	791-113
F1.3G	1P45-H0604	RIGID GUIDE	VT-3	(2)	791-113
F1.3G	1P45-H0605	RIGID GUIDE	VT-3	3	791-113
F1.3G	1P45-H0606	RIGID GUIDE	VT-3	(1)	791-113
F1.3G	1P45-H0607	RIGID GUIDE	VT-3	(2)	791-113
F1.3G	1P45-H0608	RIGID GUIDE	VT-3	NS	791-113
F1.2SP	1P45-H0609	VARIABLE SPRING	VT-3	(2)	792-113
F1.2SN	1P45-H0610	MECHANICAL SNUBBER (TANDEM)	VT-3	(2)	792-113
F1.2SN	1P45-H0611	MECHANICAL SNUBBER (WA)	VT-3	1	792-113
F1.3ST	1P45-H0612	RIGID STRUT	VT-3	(2)	792-113
F1.3ST	1P45-H0613	RIGID STRUT	VT-3	NS	792-113
F1.3ST	1P45-H0614	RIGID STRUT	VT-3	(1)	792-113
F1.3G	1P45-H0615	RIGID GUIDE	VT-3	(2)	792-113
F1.3ST	1P45-H0616	RIGID STRUT	VT-3	NS	792-113

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3SN	1P45-H0617	MECHANICAL SNUBBER (TANDEM)	VT-3	(1)	792-113
F1.3ST	1P45-H0618	RIGID STRUT	VT-3	(2)	792-113
F1.3ST	1P45-H0619	RIGID STRUT	VT-3	NS	792-114
F1.3G	1P45-H0620	RIGID GUIDE	VT-3	(1)	792-111
F1.3G	1P45-H0621	RIGID GUIDE	VT-3	(2)	792-101
F1.3ST	1P45-H0622	RIGID STRUT	VT-3	3	792-109
F1.3ST	1P45-H0623	RIGID STRUT	VT-3	(1)	791-101
F1.3A	1P45-H0625	ANCHOR (WA)	VT-3	(2)	791-101
F1.3SP	1P45-H0626	VARIABLE SPRING	VT-3	NS	791-108
F1.3SP	1P45-H0627	VARIABLE SPRING	VT-3	(1)	791-109
F1.3G	1P45-H0643	RIGID GUIDE (WA)	VT-3	NS**	791-110
F1.3ST	1P45-H0644	RIGID STRUT	VT-3	(2)	791-110
F1.3ST	1P45-H0645	RIGID STRUT	VT-3	NS	791-110
F1.3G	1P45-H0646	RIGID GUIDE	VT-3	(1)	791-110
F1.3ST	1P45-H0647	RIGID STRUT	VT-3	(2)	791-110
F1.3G	1P45-H0648	RIGID GUIDE (WA)	VT-3	NS	791-110
F1.3G	1P45-H0649	RIGID GUIDE (WA)	VT-3	NS**	791-110
F1.3ST	1P45-H0650	RIGID STRUT	VT-3	2	791-113
F1.3ST	1P45-H0651	RIGID STRUT	VT-3	NS	791-113
F1.3G	1P45-H0652	RIGID GUIDE	VT-3	(1)	791-110
F1.3G	1P45-H0653	RIGID GUIDE	VT-3	(2)	791-110
F1.3G	1P45-H0654	RIGID GUIDE (WA)	VT-3	NS	791-110
F1.3G	1P45-H0655	RIGID GUIDE	VT-3	1	791-110
F1.3G	1P45-H0656	RIGID GUIDE (WA)	VT-3	NS	791-110
F1.3G	1P45-H0657	RIGID GUIDE	VT-3	(1)	791-110
F1.3ST	1P45-H0658	RIGID STRUT	VT-3	(2)	791-110
F1.3G	1P45-H0659	RIGID GUIDE (WA)	VT-3	NS**	791-110
F1.3ST	1P45-H0680	RIGID STRUT	VT-3	NS	792-115
F1.3ST	1P45-H0681	RIGID STRUT	VT-3	(1)	792-115
F1.3ST	1P45-H0682	RIGID STRUT	VT-3	(2)	792-113
F1.3R	1P45-H0683	RIGID ROD	VT-3	3	792-105
F1.3SN	1P45-H0684	MECHANICAL SNUBBER	VT-3	(1)	792-109
F1.3G	1P45-H0685	RIGID GUIDE	VT-3	(2)	792-106
F1.3ST	1P45-H0686	RIGID STRUT	VT-3	NS	791-111
F1.3ST	1P45-H0687	RIGID STRUT	VT-3	(1)	792-113

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3ST	1P45-H0689	RIGID STRUT	VT-3	(2)	791-101
F1.3ST	1P45-H0692	RIGID STRUT	VT-3	NS	791-102
F1.3G	1P45-H5000	RIGID GUIDE (WA)	VT-3	(1)	791-105
F1.3G	1P45-H5001	RIGID GUIDE	VT-3	2	791-105
F1.3ST	1P45-H5002	RIGID STRUT (WA)	VT-3	(2)	791-106
F1.3ST	1P45-H5003	RIGID STRUT (WA)	VT-3	3	791-112
F1.3G	1P45-H5004	RIGID GUIDE	VT-3	(1)	791-106
F1.3G	1P45-H5005	RIGID GUIDE	VT-3	(2)	791-112
F1.3ST	1P45-H5007	RIGID STRUT	VT-3	NS	791-112
F1.3ST	1P45-H5008	RIGID STRUT	VT-3	(1)	791-106
F1.40	1P47-A002A-SP	ANCHOR, EXPANSION TANK (WA)	VT-3	2	002-115
F1.40	1P47-A002B-SP	ANCHOR, EXPANSION TANK (WA)	VT-3	NS	002-115
F1.40	1P47-B001A-SP	ANCHOR, CHILLER (WA)	VT-3	1	002-116
F1.40	1P47-B001B-SP	ANCHOR, CHILLER (WA)	VT-3	(1)	002-116
F1.40	1P47-B001C-SP	ANCHOR, CHILLER (WA)	VT-3	(2)	002-116
F1.40	1P47-C001A-SP	ANCHOR, PUMP (WA)	VT-3	2	002-117
F1.40	1P47-C001B-SP	ANCHOR, PUMP (WA)	VT-3	NS	002-117
F1.40	1P47-C001C-SP	ANCHOR, PUMP (WA)	VT-3	NS	002-117
F1.3G	1P47-H0001	RIGID GUIDE (WA)	VT-3	(1)	002-101
F1.3G	1P47-H0002	RIGID GUIDE (WA)	VT-3	1	002-101
F1.3R	1P47-H0003	RIGID ROD	VT-3	(2)	002-101
F1.3ST	1P47-H0006	RIGID STRUT	VT-3	NS	002-101
F1.3ST	1P47-H0007	RIGID STRUT	VT-3	(1)	002-101
F1.3ST	1P47-H0008	RIGID STRUT	VT-3	(2)	002-101
F1.3ST	1P47-H0009	RIGID STRUT	VT-3	NS	002-101
F1.3ST	1P47-H0010	RIGID STRUT	VT-3	(1)	002-101
F1.3ST	1P47-H0011	RIGID STRUT	VT-3	2	002-101
F1.3R	1P47-H0012	RIGID ROD	VT-3	NS	002-102
F1.3ST	1P47-H0013	RIGID STRUT	VT-3	(1)	002-102
F1.3G	1P47-H0014	RIGID GUIDE (WA)	VT-3	NS	002-101
F1.3G	1P47-H0015	RIGID GUIDE (WA)	VT-3	NS	002-101
F1.3G	1P47-H0016	RIGID GUIDE (WA)	VT-3	NS	002-102

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3ST	1P47-H0018	RIGID STRUT	VT-3	(1)	002-102
F1.3ST	1P47-H0019	RIGID STRUT (WA)	VT-3	(1)	002-102
F1.3ST	1P47-H0020	RIGID STRUT	VT-3	(2)	002-101
F1.3G	1P47-H0021	RIGID GUIDE (WA)	VT-3	(2)	002-107
F1.3ST	1P47-H0022	RIGID STRUT	VT-3	NS	002-107
F1.3ST	1P47-H0023	RIGID STRUT	VT-3	(1)	002-107
F1.3G	1P47-H0024	RIGID GUIDE	VT-3	2	002-107
F1.3ST	1P47-H0027	RIGID STRUT	VT-3	3	002-107
F1.3ST	1P47-H0028	RIGID STRUT	VT-3	(1)	002-107
F1.3G	1P47-H0029	RIGID GUIDE (WA)	VT-3	(2)	002-108
F1.3G	1P47-H0030	RIGID GUIDE (WA)	VT-3	(2)	002-109
F1.3G	1P47-H0031	RIGID GUIDE (WA)	VT-3	3	002-103
F1.3ST	1P47-H0032	RIGID STRUT	VT-3	(1)	002-103
F1.3ST	1P47-H0033	RIGID STRUT	VT-3	(2)	002-103
F1.3ST	1P47-H0034	RIGID STRUT (WA)	VT-3	(1)	002-103
F1.3ST	1P47-H0035	RIGID STRUT	VT-3	NS	002-103
F1.3ST	1P47-H0036	RIGID STRUT	VT-3	1	002-103
F1.3R	1P47-H0037	RIGID ROD	VT-3	2	002-103
F1.3G	1P47-H0038	RIGID GUIDE	VT-3	NS	002-103
F1.3G	1P47-H0039	RIGID GUIDE	VT-3	(1)	002-107
F1.3ST	1P47-H0041	RIGID STRUT	VT-3	(2)	002-103
F1.3ST	1P47-H0042	RIGID STRUT	VT-3	NS	002-103
F1.3ST	1P47-H0043	RIGID STRUT (WA)	VT-3	(2)	002-103
F1.3ST	1P47-H0044	RIGID STRUT	VT-3	(2)	002-107
F1.3ST	1P47-H0045	RIGID STRUT	VT-3	NS	002-107
F1.3ST	1P47-H0046	RIGID STRUT (WA)	VT-3	NS	002-107
F1.3ST	1P47-H0048	RIGID STRUT	VT-3	(1)	002-107
F1.3ST	1P47-H0049	RIGID STRUT	VT-3	(2)	002-107
F1.3ST	1P47-H0050	RIGID STRUT	VT-3	NS	002-107
F1.3ST	1P47-H0051	RIGID STRUT	VT-3	(1)	002-107
F1.3ST	1P47-H0052	RIGID STRUT	VT-3	(2)	002-101
F1.3ST	1P47-H0053	RIGID STRUT	VT-3	3	002-102
F1.3ST	1P47-H0054	RIGID STRUT	VT-3	(1)	002-103
F1.3G	1P47-H0055	RIGID GUIDE	VT-3	(2)	002-107
F1.3G	1P47-H0056	RIGID GUIDE	VT-3	NS	002-108

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3G	1P47-H0057	RIGID GUIDE	VT-3	(1)	002-109
F1.3ST	1P47-H0170	RIGID STRUT	VT-3	(2)	002-105
F1.3ST	1P47-H0171	RIGID STRUT	VT-3	NS	002-105
F1.3ST	1P47-H0172	RIGID STRUT	VT-3	(1)	002-110
F1.3ST	1P47-H0173	RIGID STRUT	VT-3	(2)	002-110
F1.3ST	1P47-H0174	RIGID STRUT	VT-3	NS	002-110
F1.3ST	1P47-H0175	RIGID STRUT	VT-3	(1)	002-110
F1.3ST	1P47-H0176	RIGID STRUT	VT-3	(2)	002-105
F1.3ST	1P47-H0177	RIGID STRUT	VT-3	NS	002-105
F1.3ST	1P47-H0178	RIGID STRUT	VT-3	(1)	002-111
F1.3ST	1P47-H0179	RIGID STRUT	VT-3	2	002-111
F1.3ST	1P47-H0180	RIGID STRUT	VT-3	NS	002-106
F1.3ST	1P47-H0181	RIGID STRUT	VT-3	(1)	002-106
F1.3ST	1P47-H0182	RIGID STRUT	VT-3	(2)	002-111
F1.3ST	1P47-H0183	RIGID STRUT	VT-3	NS	002-111
F1.3ST	1P47-H0184	RIGID STRUT	VT-3	1	002-106
F1.3ST	1P47-H0185	RIGID STRUT	VT-3	(2)	002-106
F1.3ST	1P47-H0186	RIGID STRUT	VT-3	NS	002-111
F1.3ST	1P47-H0187	RIGID STRUT	VT-3	(1)	002-111
F1.3ST	1P47-H0188	RIGID STRUT	VT-3	(2)	002-106
F1.3ST	1P47-H0189	RIGID STRUT	VT-3	NS	002-106
F1.3ST	1P47-H0190	RIGID STRUT	VT-3	1	002-113
F1.3ST	1P47-H0191	RIGID STRUT	VT-3	(2)	002-113
F1.3ST	1P47-H0192	RIGID STRUT	VT-3	NS	002-103
F1.3ST	1P47-H0193	RIGID STRUT	VT-3	(1)	002-103
F1.3ST	1P47-H0194	RIGID STRUT	VT-3	(2)	002-113
F1.3ST	1P47-H0195	RIGID STRUT	VT-3	NS	002-113
F1.3ST	1P47-H0196	RIGID STRUT	VT-3	(1)	002-113
F1.3ST	1P47-H0197	RIGID STRUT	VT-3	(2)	002-113
F1.3ST	1P47-H0198	RIGID STRUT	VT-3	NS	002-103
F1.3ST	1P47-H0199	RIGID STRUT	VT-3	(1)	002-103
F1.3ST	1P47-H0200	RIGID STRUT	VT-3	(2)	002-113
F1.3ST	1P47-H0201	RIGID STRUT	VT-3	NS	002-113
F1.3ST	1P47-H0202	RIGID STRUT	VT-3	(1)	002-104
F1.3ST	1P47-H0203	RIGID STRUT	VT-3	(2)	002-104

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.3ST	1P47-H0204	RIGID STRUT	VT-3	NS	002-113
F1.3ST	1P47-H0205	RIGID STRUT	VT-3	(1)	002-113
F1.3ST	1P47-H0206	RIGID STRUT	VT-3	(2)	002-104
F1.3ST	1P47-H0207	RIGID STRUT	VT-3	NS	002-104
F1.3ST	1P47-H0208	RIGID STRUT	VT-3	(1)	002-111
F1.3ST	1P47-H0209	RIGID STRUT	VT-3	(2)	002-111
F1.3ST	1P47-H0210	RIGID STRUT	VT-3	NS	002-113
F1.3ST	1P47-H0211	RIGID STRUT	VT-3	(1)	002-113
F1.3ST	1P47-H0212	RIGID STRUT	VT-3	(2)	002-104
F1.3ST	1P47-H0213	RIGID STRUT	VT-3	NS	002-104
F1.3A	1P47-H0215	ANCHOR (WA)	VT-3	NS	002-110
F1.3A	1P47-H0218	ANCHOR (WA)	VT-3	NS	002-103
F1.3A	1P47-H0219	ANCHOR (WA)	VT-3	1	002-113
F1.3A	1P47-H0220	ANCHOR (WA)	VT-3	(1)	002-107
F1.3A	1P47-H0221	ANCHOR (WA)	VT-3	(2)	002-105
F1.3A	1P47-H0222	ANCHOR (WA)	VT-3	(2)	002-102
F1.3G	1P47-H0224	RIGID GUIDE	VT-3	NS	002-113
F1.3G	1P47-H0226	RIGID GUIDE	VT-3	(1)	002-113
F1.3G	1P47-H0228	RIGID GUIDE	VT-3	(2)	002-113
F1.3G	1P47-H0230	RIGID GUIDE	VT-3	NS	002-113
F1.3G	1P47-H0232	RIGID GUIDE	VT-3	(1)	002-113
F1.3G	1P47-H0233	RIGID GUIDE	VT-3	(2)	002-113
F1.3G	1P47-H0234	RIGID GUIDE	VT-3	NS	002-104
F1.3G	1P47-H0236	RIGID GUIDE	VT-3	(1)	002-104
F1.3G	1P47-H0238	RIGID GUIDE	VT-3	(2)	002-104
F1.3G	1P47-H0240	RIGID GUIDE	VT-3	NS	002-104
F1.3G	1P47-H0242	RIGID GUIDE	VT-3	(1)	002-104
F1.3G	1P47-H0251	RIGID GUIDE	VT-3	(2)	002-105
F1.3ST	1P47-H0252	RIGID STRUT	VT-3	NS	002-105
F1.3G	1P47-H0253	RIGID GUIDE	VT-3	(1)	002-105
F1.3G	1P47-H0254	RIGID GUIDE	VT-3	(2)	002-105
F1.3G	1P47-H0255	RIGID GUIDE	VT-3	NS	002-105
F1.3G	1P47-H0256	RIGID GUIDE	VT-3	(1)	002-110
F1.3G	1P47-H0257	RIGID STRUT	VT-3	(2)	002-110
F1.3G	1P47-H0258	RIGID GUIDE	VT-3	NS	002-110

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3G	1P47-H0259	RIGID GUIDE	VT-3	(1)	002-110
F1.3G	1P47-H0260	RIGID GUIDE	VT-3	2	002-110
F1.3G	1P47-H0261	RIGID GUIDE	VT-3	NS	002-113
F1.3G	1P47-H0262	RIGID GUIDE	VT-3	(1)	002-113
F1.3G	1P47-H0263	RIGID GUIDE	VT-3	(2)	002-113
F1.3G	1P47-H0264	RIGID GUIDE	VT-3	NS	002-113
F1.3G	1P47-H0265	RIGID GUIDE	VT-3	1	002-113
F1.3G	1P47-H0266	RIGID GUIDE	VT-3	(2)	002-103
F1.3G	1P47-H0267	RIGID GUIDE	VT-3	NS	002-103
F1.3G	1P47-H0268	RIGID GUIDE	VT-3	(1)	002-103
F1.3G	1P47-H0269	RIGID GUIDE	VT-3	(2)	002-103
F1.3G	1P47-H0270	RIGID GUIDE	VT-3	NS	002-103
F1.3G	1P47-H0272	RIGID GUIDE	VT-3	(1)	002-113
F1.3G	1P47-H0273	RIGID GUIDE	VT-3	(2)	002-103
F1.3G	1P47-H0274	RIGID GUIDE	VT-3	NS	002-103
F1.3G	1P47-H0275	RIGID GUIDE	VT-3	(1)	002-113
F1.3G	1P47-H0276	RIGID GUIDE	VT-3	(2)	002-103
F1.3G	1P47-H0277	RIGID GUIDE	VT-3	NS	002-113
F1.3SN	1P47-H0278	MECHANICAL SNUBBER (WA)	VT-3	(2)	002-103
F1.3SN	1P47-H0279	MECHANICAL SNUBBER (WA)	VT-3	2	002-113
F1.3G	1P47-H0280	RIGID GUIDE	VT-3	3	002-105
F1.3G	1P47-H0281	RIGID GUIDE	VT-3	(1)	002-110
F1.3G	1P47-H0282	RIGID GUIDE	VT-3	(2)	002-110
F1.3G	1P47-H0283	RIGID GUIDE	VT-3	NS	002-105
F1.3G	1P47-H0284	RIGID GUIDE	VT-3	(1)	002-105
F1.3G	1P47-H0285	RIGID GUIDE	VT-3	(2)	002-110
F1.3ST	1P47-H0286	RIGID STRUT (WA)	VT-3	(2)	002-105
F1.3ST	1P47-H0287	RIGID STRUT (WA)	VT-3	NS	002-110
F1.3ST	1P47-H0289	RIGID STRUT	VT-3	(1)	002-106
F1.3G	1P47-H0290	RIGID GUIDE	VT-3	(2)	002-111
F1.3ST	1P47-H0291	RIGID STRUT	VT-3	3	002-111
F1.3ST	1P47-H0292	RIGID STRUT	VT-3	(1)	002-111
F1.3G	1P47-H0293	RIGID GUIDE	VT-3	2	002-111
F1.3G	1P47-H0294	RIGID GUIDE	VT-3	NS	002-111
F1.3ST	1P47-H0295	RIGID STRUT	VT-3	(1)	002-112

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3ST	1P47-H0296	RIGID STRUT	VT-3	(2)	002-112
F1.3G	1P47-H0297	RIGID GUIDE	VT-3	NS	002-112
F1.3G	1P47-H0298	RIGID GUIDE	VT-3	(1)	002-106
F1.3G	1P47-H0299	RIGID GUIDE	VT-3	(2)	002-106
F1.3ST	1P47-H0301	RIGID STRUT	VT-3	NS	002-104
F1.3G	1P47-H0302	RIGID GUIDE	VT-3	(1)	002-113
F1.3ST	1P47-H0303	RIGID STRUT	VT-3	(2)	002-113
F1.3G	1P47-H0304	RIGID GUIDE	VT-3	NS	002-113
F1.3G	1P47-H0322	RIGID GUIDE	VT-3	1	002-102
F1.3ST	1P47-H0329	RIGID STRUT	VT-3	(2)	002-114
F1.3ST	1P47-H0331	RIGID STRUT	VT-3	NS	002-114
F1.3ST	1P47-H0333	RIGID STRUT	VT-3	(1)	002-113
F1.3ST	1P47-H0335	RIGID STRUT	VT-3	(2)	002-113
F1.3G	1P47-H0337	RIGID GUIDE	VT-3	NS	002-114
F1.3G	1P47-H0338	RIGID GUIDE	VT-3	(1)	002-114
F1.3ST	1P47-H0340	RIGID STRUT	VT-3	(2)	002-114
F1.3ST	1P47-H0341	RIGID STRUT	VT-3	NS	002-114
F1.3ST	1P47-H0342	RIGID STRUT	VT-3	(1)	002-104
F1.3ST	1P47-H0343	RIGID STRUT	VT-3	(2)	002-103
F1.3ST	1P47-H0346	RIGID STRUT	VT-3	(1)	002-104
F1.3ST	1P47-H0347	RIGID STRUT	VT-3	(2)	002-113
F1.3ST	1P47-H0348	RIGID STRUT (WA)	VT-3	(2)	002-104
F1.3ST	1P47-H0349	RIGID STRUT (WA)	VT-3	NS	002-113
F1.3G	1P47-H0350	RIGID GUIDE	VT-3	(1)	002-104
F1.3ST	1P47-H0351	RIGID STRUT	VT-3	(2)	002-104
F1.3ST	1P47-H0353	RIGID STRUT	VT-3	NS	002-114
F1.3G	1P47-H0354	RIGID GUIDE	VT-3	(1)	002-112
F1.3G	1P47-H0355	RIGID GUIDE	VT-3	(2)	002-112
F1.3ST	1P47-H0357	RIGID STRUT (WA)	VT-3	1	002-105
F1.3ST	1P47-H0358	RIGID STRUT (WA)	VT-3	NS	002-111
F1.3ST	1P47-H0362	RIGID STRUT	VT-3	(1)	002-105
F1.3ST	1P47-H0363	RIGID STRUT	VT-3	2	002-112
F1.3ST	1P47-H0364	RIGID STRUT	VT-3	NS	002-112
F1.3ST	1P47-H0365	RIGID STRUT	VT-3	(1)	002-112
F1.3ST	1P47-H0369	RIGID STRUT	VT-3	(1)	002-114

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3SP	1P47-H0378	VARIABLE SPRING (WA)	VT-3	1	002-109
F1.3SP	1P47-H0379	VARIABLE SPRING (WA)	VT-3	(2)	002-109
F1.3SP	1P47-H0380	VARIABLE SPRING (WA)	VT-3	(2)	002-108
F1.3SP	1P47-H0381	VARIABLE SPRING (WA)	VT-3	NS	002-108
F1.3SP	1P47-H0382	VARIABLE SPRING (WA)	VT-3	NS	002-107
F1.3SP	1P47-H0383	VARIABLE SPRING	VT-3	(1)	002-107
F1.3ST	1P47-H0384	RIGID STRUT	VT-3	(2)	002-104
F1.3ST	1P47-H0385	RIGID STRUT	VT-3	3	002-113
F1.3ST	1P47-H0386	RIGID STRUT	VT-3	(1)	002-103
F1.3ST	1P47-H0392	RIGID STRUT	VT-3	(2)	002-105
F1.3ST	1P47-H0393	RIGID STRUT	VT-3	NS	002-110
F1.3ST	1P47-H5000	RIGID STRUT	VT-3	(1)	002-110
F1.3G	1P47-H5001	RIGID GUIDE	VT-3	(2)	002-105
F1.40	0P49-C002A-SP	ANCHOR, SCREEN WASH PUMP (WA)	VT-3	3	214-101
F1.40	0P49-C002B-SP	ANCHOR, SCREEN WASH PUMP (WA)	VT-3	(1)	214-102
F1.40	0P49-D003A-SP	ANCHOR, SCREEN WASH STRAINER (WA)	VT-3	2	214-101
F1.40	0P49-D003B-SP	ANCHOR, SCREEN WASH STRAINER (WA)	VT-3	NS	214-102
F1.40	1P57-A003A-SP	ANCHOR, ADS SAFETY-RELATED AIR STORAGE TANK A (WA)	VT-3	1	271-101
F1.40	1P57-A003B-SP	ANCHOR, ADS SAFETY-RELATED AIR STORAGE TANK B (WA)	VT-3	(2)	271-101
F1.40	1R44-A001A-SP	ANCHOR, STARTING AIR RECEIVER TANK (WA)	VT-3	3	351-102
F1.40	1R44-A001B-SP	ANCHOR, STARTING AIR RECEIVER TANK (WA)	VT-3	(1)	351-104
F1.40	1R44-A002A-SP	ANCHOR, STARTING AIR RECEIVER TANK (WA)	VT-3	2	351-103
F1.40	1R44-A002B-SP	ANCHOR, STARTING AIR RECEIVER TANK (WA)	VT-3	NS	351-105
F1.40	1R45-A003A-SP	ANCHOR, FUEL OIL DAY TANK (WA)	VT-3	3	355-110
F1.40	1R45-A003B-SP	ANCHOR, FUEL OIL DAY TANK (WA)	VT-3	(1)	355-111
F1.40	1R45-A005-SP	ANCHOR, HPCS FUEL OIL DAY TANK (WA)	VT-3	2	356-101
F1.40	1R46-A003A-SP	ANCHOR, JACKET WATER STAND PIPE (WA)	VT-3	3	354-105
F1.40	1R46-A003B-SP	ANCHOR, JACKET WATER STAND PIPE (WA)	VT-3	(1)	354-106
F1.40	1R46-B001A-SP	ANCHOR, LUBE OIL HEAT EXCHANGER (WA)	VT-3	2	354-101
F1.40	1R46-B001B-SP	ANCHOR, LUBE OIL HEAT EXCHANGER (WA)	VT-3	NS	354-102

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.40	1R46-B002A-SP	ANCHOR, JACKET WATER HEAT EXCHANGER(WA)	VT-3	1	354-103
F1.40	1R46-B002B-SP	ANCHOR, JACKET WATER HEAT EXCHANGER (WA)	VT-3	(2)	354-104
F1.40	1R47-A001A-SP	STANDBY DIESEL LUBE OIL TANK ANCHOR (WA)	VT-3	3	353-103
F1.40	1R47-A001B-SP	STANDBY DIESEL LUBE OIL TANK ANCHOR (WA)	VT-3	(1)	353-104
F1.40	1R47-D005A-SP	STANDBY DIESEL LUBE OIL FILTER ANCHOR (WA)	VT-3	2	353-105
F1.40	1R47-D005B-SP	STANDBY DIESEL LUBE OIL FILTER ANCHOR (WA)	VT-3	NS	353-106
F1.40	1R47-D006A-SP	STANDBY DIESEL LUBE OIL KEEP WARM FILTER ANCHOR (WA)	VT-3	1	353-101
F1.40	1R47-D006B-SP	STANDBY DIESEL LUBE OIL KEEP WARM FILTER ANCHOR (WA)	VT-3	(2)	353-102
F1.40	1R48-D001A-SP	ANCHOR; STANDBY DIESEL SILENCER (WA)	VT-3	(2)	355-105
F1.40	1R48-D001B-SP	ANCHOR; STANDBY DIESEL SILENCER (WA)	VT-3	3	355-104
F1.40	1R48-D002A-SP	ANCHOR; STANDBY DIESEL SILENCER (WA)	VT-3	(2)	355-103
F1.40	1R48-D002B-SP	ANCHOR; STANDBY DIESEL SILENCER (WA)	VT-3	3	355-102
F1.40	1R48-D003A-SP	ANCHOR; STANDBY DIESEL SILENCER (WA)	VT-3	(2)	355-103
F1.40	1R48-D003B-SP	ANCHOR; STANDBY DIESEL SILENCER (WA)	VT-3	3	355-102
F1.40	1R48-D010A-SP	ANCHOR; STANDBY DIESEL SILENCER	VT-3	(2)	355-107
F1.40	1R48-D010B-SP	ANCHOR; STANDBY DIESEL SILENCER	VT-3	3	355-106
F1.3G	1R48-H0001	RIGID GUIDE	VT-3	NS	355-103
F1.3G	1R48-H0002	RIGID GUIDE	VT-3	1	355-103
F1.3G	1R48-H0003	RIGID GUIDE	VT-3	(2)	355-103
F1.3ST	1R48-H0004	RIGID STRUT	VT-3	NS	355-103
F1.3A	1R48-H0005	ANCHOR (WA)	VT-3	(1)	355-103
F1.3A	1R48-H0006	ANCHOR (WA)	VT-3	(1)	355-103
F1.3G	1R48-H0007	RIGID GUIDE	VT-3	(2)	355-103
F1.3ST	1R48-H0008	RIGID STRUT	VT-3	NS	355-103
F1.3G	1R48-H0009	RIGID GUIDE	VT-3	(1)	355-103
F1.3G	1R48-H0010	RIGID GUIDE	VT-3	(2)	355-103
F1.3A	1R48-H0011	ANCHOR (WA)	VT-3	(1)	355-103
F1.3A	1R48-H0012	ANCHOR (WA)	VT-3	(1)	355-103
F1.3A	1R48-H0013	ANCHOR (WA)	VT-3	(2)	355-102
F1.3G	1R48-H0014	RIGID GUIDE	VT-3	NS	355-102
F1.3G	1R48-H0015	RIGID GUIDE	VT-3	(1)	355-102
F1.3G	1R48-H0016	RIGID GUIDE	VT-3	(2)	355-102
F1.3ST	1R48-H0017	RIGID STRUT	VT-3	(2)	355-102
F1.3A	1R48-H0018	ANCHOR (WA)	VT-3	(2)	355-102

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3A	1R48-H0019	ANCHOR (WA)	VT-3	(2)	355-102
F1.3G	1R48-H0020	RIGID GUIDE	VT-3	NS	355-102
F1.3G	1R48-H0021	RIGID GUIDE	VT-3	(1)	355-102
F1.3G	1R48-H0022	RIGID GUIDE	VT-3	(2)	355-102
F1.3ST	1R48-H0023	RIGID STRUT	VT-3	3	355-102
F1.3A	1R48-H0024	ANCHOR (WA)	VT-3	NS	355-102
F1.3SP	1R48-H0025	VARIABLE SPRING	VT-3	(1)	355-105
F1.3SP	1R48-H0026	VARIABLE SPRING	VT-3	(2)	355-105
F1.3SN	1R48-H0027	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	3	355-105
F1.3SN	1R48-H0028	MECHANICAL SNUBBER (TANDEM)	VT-3	(1)	355-105
F1.3G	1R48-H0029	RIGID GUIDE	VT-3	(2)	355-105
F1.3G	1R48-H0030	RIGID GUIDE	VT-3	NS	355-105
F1.3A	1R48-H0031	ANCHOR (NOT WELDED)	VT-3	1	355-105
F1.3SP	1R48-H0032	VARIABLE SPRING	VT-3	(2)	355-104
F1.3SP	1R48-H0033	VARIABLE SPRING	VT-3	3	355-104
F1.3SN	1R48-H0034	MECHANICAL SNUBBER (WA) (TANDEM)	VT-3	NS	355-104
F1.3SN	1R48-H0035	MECHANICAL SNUBBER (TANDEM)	VT-3	(2)	355-104
F1.3G	1R48-H0036	RIGID GUIDE	VT-3	NS	355-104
F1.3G	1R48-H0037	RIGID GUIDE	VT-3	(1)	355-104
F1.3A	1R48-H0038	ANCHOR (NOT WELDED)	VT-3	(2)	355-104
F1.3A	1R48-H0039	ANCHOR (NOT WELDED)	VT-3	NS	355-105
F1.3A	1R48-H0040	ANCHOR (NOT WELDED)	VT-3	(1)	355-104
F1.3SP	1R48-H0041	VARIABLE SPRING (WA)	VT-3	(2)	355-105
F1.3SP	1R48-H0042	VARIABLE SPRING (WA)	VT-3	NS	355-104
F1.3G	1R48-H0043	RIGID GUIDE	VT-3	(1)	355-106
F1.3G	1R48-H0044	RIGID GUIDE	VT-3	(2)	355-106
F1.3G	1R48-H0045	RIGID GUIDE (WA)	VT-3	NS	355-106
F1.3ST	1R48-H0046	RIGID STRUT	VT-3	(1)	355-106
F1.3G	1R48-H0047	RIGID GUIDE (WA)	VT-3	2	355-106
F1.3G	1R48-H0048	RIGID GUIDE	VT-3	NS	355-107
F1.3G	1R48-H0049	RIGID GUIDE	VT-3	(1)	355-107
F1.3ST	1R48-H0050	RIGID STRUT (WA)	VT-3	2	355-107
F1.3ST	1R48-H0051	RIGID STRUT	VT-3	NS	355-107
F1.3G	1R48-H0052	RIGID GUIDE (WA)	VT-3	(2)	355-107
F1.3R	1R48-PH001	RIGID ROD	VT-3	(2)	355-108

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.3R	1R48-PH002	RIGID ROD	VT-3	NS	355-109
F1.3R	1R48-PH003	RIGID ROD	VT-3	(2)	355-108
F1.3R	1R48-PH004	RIGID ROD	VT-3	(2)	355-109
F1.3R	1R48-PH005	RIGID ROD	VT-3	3	355-108
F1.3R	1R48-PH006	RIGID ROD	VT-3	NS	355-109
F1.3R	1R48-PH007	RIGID ROD	VT-3	NS	355-108
F1.3R	1R48-PH008	RIGID ROD	VT-3	NS	355-109
F1.3R	1R48-PH009	RIGID ROD	VT-3	(2)	355-108
F1.3R	1R48-PH010	RIGID ROD	VT-3	NS	355-109
F1.3G	1R48-PH011	RIGID GUIDE	VT-3	NS	355-109
F1.3G	1R48-PH012	RIGID GUIDE	VT-3	(2)	355-108
F1.3SP	2G41-H0032	VARIABLE SPRING	VT-3	(1)	655-103
F1.3SN	2G41-H0033	MECHANICAL SNUBBER	VT-3	(2)	655-103
F1.3SN	2G41-H0034	MECHANICAL SNUBBER	VT-3	NS	655-103
F1.3ST	2G41-H0035	RIGID STRUT	VT-3	(2)	655-103
F1.3SN	2G41-H0036	MECHANICAL SNUBBER	VT-3	(2)	655-103
F1.3G	2G41-H0037	RIGID GUIDE	VT-3	NS	655-103
F1.3SN	2G41-H0038	MECHANICAL SNUBBER	VT-3	1	655-103
F1.3G	2P42-H0009	RIGID GUIDE (WA)	VT-3	(1)	623-106
F1.3G	2P42-H0010	RIGID GUIDE (WA)	VT-3	(1)	623-107
F1.3ST	2P42-H0011	RIGID STRUT	VT-3	(2)	623-107
F1.3G	2P42-H0012	RIGID GUIDE	VT-3	NS	623-106
F1.3G	2P42-H0013	RIGID GUIDE	VT-3	1	623-107
F1.3R	2P42-H0014	RIGID ROD	VT-3	(2)	623-107
F1.3R	2P42-H0015	RIGID ROD	VT-3	NS	623-107
F1.3ST	2P42-H0016	RIGID STRUT	VT-3	(1)	623-106
F1.3R	2P42-H0017	RIGID ROD	VT-3	(2)	623-106
F1.3ST	2P42-H0018	RIGID STRUT	VT-3	(1)	623-106
F1.3ST	2P42-H0019	RIGID STRUT	VT-3	(2)	623-107
F1.3ST	2P42-H0020	RIGID STRUT (WA)	VT-3	(2)	623-107
F1.3R	2P42-H0021	RIGID ROD	VT-3	(2)	623-107
F1.3G	2P42-H0024	RIGID GUIDE (WA)	VT-3	(2)	623-112
F1.3G	2P42-H0025	RIGID GUIDE (WA)	VT-3	(2)	623-110

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.3ST	2P42-H0026	RIGID STRUT (WA)	VT-3	NS	623-110
F1.3ST	2P42-H0030	RIGID STRUT	VT-3	(1)	623-110
F1.3G	2P42-H0034	RIGID GUIDE	VT-3	(2)	623-110
F1.3R	2P42-H0035	RIGID ROD	VT-3	NS	623-110
F1.3R	2P42-H0036	RIGID ROD	VT-3	1	623-110
F1.3G	2P42-H0037	RIGID GUIDE	VT-3	(2)	623-111
F1.3A	2P42-H0039	ANCHOR (WA)	VT-3	NS	623-101
F1.3ST	2P42-H0041	RIGID STRUT	VT-3	(1)	623-110
F1.3ST	2P42-H0042	RIGID STRUT	VT-3	(2)	623-110
F1.3A	2P42-H0044	ANCHOR (WA)	VT-3	NS	623-111
F1.3ST	2P42-H0046	RIGID STRUT	VT-3	(1)	623-112
F1.3ST	2P42-H0047	RIGID STRUT	VT-3	(2)	623-112
F1.3ST	2P42-H0048	RIGID STRUT	VT-3	NS	623-112
F1.3ST	2P42-H0049	RIGID STRUT	VT-3	1	623-112
F1.3SN	2P42-H0050	MECHANICAL SNUBBER (WA)	VT-3	(2)	623-112
F1.3R	2P42-H0051	RIGID ROD	VT-3	NS	623-112
F1.3SN	2P42-H0052	MECHANICAL SNUBBER	VT-3	1	623-112
F1.3R	2P42-H0053	RIGID ROD	VT-3	(2)	623-112
F1.3G	2P42-H0054	RIGID GUIDE	VT-3	NS	623-112
F1.3G	2P42-H0055	RIGID GUIDE	VT-3	(1)	623-112
F1.3ST	2P42-H0056	RIGID STRUT	VT-3	(2)	623-112
F1.3R	2P42-H0114	RIGID ROD	VT-3	(1)	623-108
F1.3ST	2P42-H0115	RIGID STRUT	VT-3	(2)	623-104
F1.3R	2P42-H0116	RIGID ROD	VT-3	NS	623-111
F1.3ST	2P42-H0117	RIGID STRUT	VT-3	(1)	623-101
F1.3ST	2P42-H0118	RIGID STRUT	VT-3	(2)	623-101
F1.3G	2P42-H0119	RIGID GUIDE	VT-3	3	623-108
F1.3G	2P42-H0120	RIGID GUIDE	VT-3	(1)	623-108
F1.3R	2P42-H0121	RIGID ROD	VT-3	(2)	623-108
F1.3R	2P42-H0122	RIGID ROD	VT-3	NS	623-104
F1.3ST	2P42-H0123	RIGID STRUT	VT-3	(1)	623-103
F1.3ST	2P42-H0124	RIGID STRUT	VT-3	2	623-111
F1.3ST	2P42-H0125	RIGID STRUT	VT-3	NS	623-111
F1.3G	2P42-H0126	RIGID GUIDE	VT-3	(1)	623-111
F1.3G	2P42-H0127	RIGID GUIDE	VT-3	(2)	623-101

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3ST	2P42-H0128	RIGID STRUT	VT-3	NS	623-102
F1.3ST	2P42-H0129	RIGID STRUT	VT-3	(1)	623-108
F1.3ST	2P42-H0130	RIGID STRUT	VT-3	(2)	623-102
F1.3ST	2P42-H0131	RIGID STRUT	VT-3	NS	623-102
F1.3G	2P42-H0132	RIGID GUIDE	VT-3	NS	623-103
F1.3ST	2P42-H0133	RIGID STRUT	VT-3	(1)	623-102
F1.3ST	2P42-H0134	RIGID STRUT	VT-3	(2)	623-103
F1.3ST	2P42-H0135	RIGID STRUT	VT-3	NS	623-103
F1.3ST	2P42-H0136	RIGID STRUT	VT-3	(1)	623-102
F1.3ST	2P42-H0137	RIGID STRUT	VT-3	(2)	623-104
F1.3ST	2P42-H0138	RIGID STRUT	VT-3	NS	623-108
F1.3G	2P42-H0139	RIGID GUIDE	VT-3	(1)	623-105
F1.3ST	2P42-H0140	RIGID STRUT	VT-3	(2)	623-103
F1.3ST	2P42-H0141	RIGID STRUT	VT-3	NS	623-103
F1.3ST	2P42-H0142	RIGID STRUT	VT-3	(2)	623-104
F1.3G	2P42-H0143	RIGID GUIDE (WA)	VT-3	(1)	623-108
F1.3ST	2P42-H0144	RIGID STRUT	VT-3	(2)	623-108
F1.3G	2P42-H0145	RIGID GUIDE	VT-3	NS	623-108
F1.3G	2P42-H0146	RIGID GUIDE (WA)	VT-3	NS	623-108
F1.3G	2P42-H0147	RIGID GUIDE	VT-3	(1)	623-108
F1.3ST	2P42-H0148	RIGID STRUT (WA)	VT-3	3	623-104
F1.3G	2P42-H0149	RIGID GUIDE	VT-3	(2)	623-104
F1.3ST	2P42-H0150	RIGID STRUT	VT-3	NS	623-104
F1.3G	2P42-H0151	RIGID GUIDE	VT-3	(1)	623-104
F1.3G	2P42-H0152	RIGID GUIDE	VT-3	2	623-104
F1.3ST	2P42-H0153	RIGID STRUT (WA)	VT-3	NS	623-103
F1.3A	2P42-H0265	ANCHOR (WA)	VT-3	NS	623-104
F1.3A	2P42-H0273	ANCHOR (WA)	VT-3	NS	623-108
F1.3G	2P42-H0309	RIGID GUIDE	VT-3	(1)	623-111
F1.3G	2P42-H0310	RIGID GUIDE	VT-3	(2)	623-102
F1.3SN	2P42-H0312	MECHANICAL SNUBBER	VT-3	NS	623-112
F1.3G	2P42-H0314	RIGID GUIDE	VT-3	(1)	623-113
F1.3ST	2P42-H0315	RIGID STRUT	VT-3	(2)	623-109
F1.3G	2P42-H0317	RIGID GUIDE	VT-3	NS	623-106

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISC</u> <u>SS-305-</u>
EXAMINATION CATEGORY: F-A					
F1.3G	2P45-H0021	RIGID GUIDE	VT-3	(1)	792-102
F1.3G	2P45-H0022	RIGID GUIDE	VT-3	(2)	792-102
F1.3G	2P45-H0023	RIGID GUIDE	VT-3	NS	792-102

*Not scheduled as piping supported does not require examination per CC-N408.

**Not scheduled due to inaccessibility (see related request IR-022).

6.0 AUGMENTED EXAMINATIONS

Section XI does not address inspections and examinations beyond those required in Class 1, 2 and 3 systems. The Augmented Section is included to identify components subject to examination as a result of commitments listed in documents such as NUREG's, GE SIL's, Regulatory Guides, Information Notices, etc.

The augmented examination categories are identifiable by a 'X' as the first assigned letter and are as follows:

Exam. Cat.	Examination Area (Examination Method)
X-A	Reactor Vessel Internals (VOL. SUR. VIS.)
	IEB 80-07: Resolution of the cracking of the jet pump holddown beams. Augmented ISI of the jet pump beams requiring a volumetric examination to ensure the integrity of the beam areas. These examinations will be performed in the last refueling outage of the inspection interval. CEI Commitments, #F00868, #L00416 (Item no. X0.2)
	SIL #409: Augmented visual examinations are scheduled on the RPV SRM & IRM dry tubes to determine their condition relative to known cracking problems. They are scheduled such that half the SRM & IRM dry tubes are examined by the fourth refueling outage of the interval and the remainder by the end of the interval. CEI Commitment #B00548 (Item no. X0.4)
	SIL #420: Augmented visual examinations are scheduled on the jet pump sensing lines and associated support brackets. These visual examinations will determine the integrity of the weld between the support brackets and the vertical run on the sensing line of the jet pumps closest to the recirculation outlet nozzles. The sensing lines are tentatively scheduled for examination during the final refueling outage of the inspection interval. (Item no. X0.3)
	SIL #289/IEB 80-13: Cracking in Core Spray Spargers. Augmented visual examinations of the spargers is to be performed each refueling outage. (Item no. X0.5)
	SIL #465: Jet Pump Mixer Unusual Surface Observations. Augmented visual examinations of the jet pump assemblies for nozzle obstructions. Also examined for loose part concerns. (Item no. X0.5)
	SIL-506: BWR/6 Shroud Head Stud Bolt Wear. Augmented visual examination of the shroud head stud bolts to be performed each refueling outage. (Item no. X0.5)
	SIL #474: Steam Dryer Drain Channel Cracking. Augmented visual examination of the steam dryer drain channel welds. (Item no. X0.5)
	SIL #551: Jet Pump Riser Brace Cracking. Augmented visual examination of the jet pump riser braces to be performed once a period. CEI Commitment #B00877 (Item no. X0.14).

Exam.
Cat.

Examination Area (Examination Method)

- SIL #574: Jet Pump Adjusting Screw Failures. Augmented visual examination of the restrainer bracket adjusting screws to be performed each refueling outage. CEI Commitment #B00929 (Item no. X0.15).
- SIL #572-1: Core Shroud Cracks. Augmented enhanced visual examination of core shroud welds to be performed on selected sample areas each refueling outage. CEI Commitment #B00934 (Item no. X0.16).
- Loose parts concerns. (Item no. X0.11)
- X-B High Energy Piping in Break Exclusion Regions (VOL. SUR.)
USAR Section 5.2.4.9. CEI Commitments, #F00793, #F00794, #F00896, #S00010, #S00011. (Item no. X0.1)
- X-C Feedwater Nozzle, NUREG-0619 (VOL. SUR. VIS)
NUREG-0619: The augmented program is directed solely to the feedwater nozzle section of the NUREG. The program is adjusted to reflect the NDE requirements of NUREG-0619, paragraph 4.3.2. CEI Commitment #B00918 (Item no. X0.6)
- X-D Recirculation System Pump Shaft (VOL.)
CEI Commitment #B00446 (Item no. X0.7)
- X-E Break Exclusion Region Flued Heads (VOL) CEI Commitment #S00012 (Item no. X0.1)
- X-F RPV Shell to Flange and Upper Head to Flange for USAR Commitment (SUR)
USAR Section 5.3.1 (Item no. X0.8)
- X-G IGSCC/CRC Weld Examinations. (VOL. SUR.)
NUREG-0313 Rev. 2, Generic Letter 88-01.
This portion of the augmented program identifies welds subject to the examination requirements listed in NUREG-0313 and GL 88-01. Examinations are performed in accordance with the NRC staff positions in the generic letter on inspection schedules, methods and personnel, and sample expansion, as modified by CEI letter dated July 31, 1989 (PY-CEI/RR-1044L) and approved by the staff by letter dated February 10, 1992. (Welds with item no. X0.9 are CRC and IGSCC Category A, X0.10 are IGSCC Category A, X0.12 are IGSCC Category C, and X0.13 are IGSCC Category E.) CEI Commitments: L01551, L01552 and L01548

6.1 Exemptions

There are no exemptions noted for the augmented components.

6.2 Examination Selection Process

Selections of components and items are based on the requirements delineated in each particular commitment.

6.3 Additional Examinations

For GL 88-01 augmented examinations, additional examinations are performed as follows:

- If one or more cracked welds in IGSCC Categories A or C are found by a sample inspection during the 10 year interval, inspect an additional sample of the welds in that category, approximately equal in number to the original outage sample. This additional sample should be similar in distribution (according to pipe size, system, and location) to the original outage sample, unless it is determined that there is a technical reason to select a different distribution. If any further cracked welds are found in the additional sample, inspect all the welds in that IGSCC Category. CEI Commitment: L01548
- If significant crack growth or additional cracks are found during the inspection of an IGSCC Category E weld, all other Category E welds should be examined. Significant crack growth for SI mitigated Category E welds is defined as growth to a length or depth exceeding the criteria for SI mitigation (either 10% of circumference in length or 30% of the wall in depth).

For all other augmented examinations, additional examinations are performed in accordance with the particular commitment and/or as dispositioned in corrective action documents.

6.4 Successive Examinations

Successive examinations are based on the requirements of each particular commitment.

6.5 Relief Requests

When compliance to Code examination requirements are not achievable, relief from examinations are requested. The table listed below identifies those Inservice Relief Requests (IR) which have been filed with the NRC for components subject to the examination commitments.

NOTE: No IR's Filed

6.6 Inservice Examination Table

This section contains the listing of Augmented components subject to examination. This listing is for reference purposes only. The actual components scheduled for examinations are presented to management for approval 60 days prior to commencing a scheduled refueling outage.

The information presented in the tables are defined below:

1. EXAMINATION CATEGORY - The basis for organizing components subject to examination.
2. ITEM NO. - A division within an examination category which separates the specific examination requirements.

3. MARK NO. - A unique identification number assigned to each weld or component. Mark numbers followed by the "@" symbol are those which are also listed under the Code examination tables of sections 2 through 5 herein.
4. COMPONENT DESCRIPTION - A brief description used to identify the weld or component.
5. EXAM METHOD - This abbreviation identifies the unique non-destructive examination method(s) required for the weld or component. The abbreviations used in this listing are as follows:

MT	-	Magnetic Particle Testing
PT	-	Dye Penetrant Testing
UT	-	Ultrasonic Testing
RT	-	Radiography Testing
VT-1	-	Visual Examination for Surface Conditions
VT-2	-	Visual Examination for Leakage
VT-3	-	Visual Examination for General Conditions

6. PERIOD SCHED. - This column identifies the inspection period which the weld or component is tentatively scheduled to receive examination. The period scheduled can be either 1, 2, 3, or any combination of these numbers. Normally there will be 2 refueling outages within each period. Scheduled examinations can be completed in either of the refueling outages as appropriate to facilitate other outage activities, but must be completed by the end of the period. For those welds or components not scheduled for examination, the letters "NS" will be inserted in place of an inspection period. Where the scheduling of components for augmented examinations is accomplished by the performance of the required Code examinations, an asterisk or asterisks will follow the "NS" and notes will be found at the end of the augmented examination category indicating where they are scheduled.

Scheduling of exams for welds which fall under the scope of GL 88-01 is in accordance with the staff position on inspection schedules. The IGSCC Category A welds are all identified within this section, but, as their scheduling requirements are the same as the applicable provisions of Section XI, those requiring examination (i.e., minimum of 25% each interval) are scheduled under their applicable Code Category in Section 2.0. The IGSCC Category C and E welds are also identified within this section and are scheduled for 2 of the 3 periods within the current interval. They are actually examined at least once each period, but the examinations for one of the periods are scheduled under their applicable Code Category in Section 2.0 and the other two herein. The net result is that for this interval all the IGSCC Category C and E welds get examined every 2 refueling cycles. CEI Commitment: L01552

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: X-A					
X0.5	1B13-CSS	RPV CORE SPRAY SPARGER	VT-1	1,2,3*	006-101
X0.11	1B13-CSS-TGTW	CORE SUPPORT STRUCTURE, TOP GUIDE STUD TACK WELDS	VT-3	1	006-101
X0.11	1B13-CSSB-B	RPV CORE SPRAY SPARGER BRACKETS AND BOLTING	VT-3	3	006-101
X0.11	1B13-CSSTW	RPV CORE SPRAY SPARGER TACK WELDS	VT-3	1	006-101
X0.16	1B13-CS-H1	TOP GUIDE HEAD FLANGE TO TOP GUIDE CYLINDER	UT, ET	NS	N/A
X0.16	1B13-CS-H2	TOP GUIDE FLANGE TO TOP GUIDE CYLINDER	UT, ET	NS	N/A
X0.16	1B13-CS-H3	SHROUD HEAD FLANGE TO CENTRAL UPPER CYLINDER	VT-1, UT, ET	3***	N/A
X0.16	1B13-CS-H4	SHROUD CENTRAL UPPER CYL TO CENTRAL MIDDLE CYL	VT-1, UT, ET	3***	N/A
X0.16	1B13-CS-H5	SHROUD CENTRAL MIDDLE CYL TO CENTRAL LOWER CYL	UT, ET	NS	N/A
X0.16	1B13-CS-H6A	SHROUD CENTRAL LOWER CYLINDER TO CORE PLATE FLANGE	VT-1, UT, ET	3***	N/A
X0.16	1B13-CS-H6B	CORE PLATE FLANGE TO SHROUD LOWER CYLINDER	UT, ET	NS	N/A
X0.16	1B13-CS-H7	SHROUD LOWER CYLINDER TO SHROUD SUPPORT CYLINDER	UT, ET	NS	N/A
X0.16	1B13-CS-H8	SHROUD SUPPORT CYLINDER TO SHROUD SUPPORT PLATE	UT, ET	NS	N/A
X0.11	1B13-FSB	RPV FEEDWATER SPARGER, BRACKET	VT-3	3	006-101
X0.11	1B13-FBTW	RPV FEEDWATER SPARGER BRACKET TACK WELD	VT-3	1	006-101
X0.11	1B13-CRSB	RPV GUIDE ROD SUPPORT BRACKET	VT-3	3	006-101
X0.4	1B13-IRM-16/13	RPV IRM INSTRUMENT DRY TUBE B	VT-3	1,2	006-101
X0.4	1B13-IRM-16/53	RPV IRM INSTRUMENT DRY TUBE A	VT-3	1,3	006-101
X0.4	1B13-IRM-24/29	RPV IRM INSTRUMENT DRY TUBE D	VT-3	1,2	006-101
X0.4	1B13-IRM-24/37	RPV IRM INSTRUMENT DRY TUBE C	VT-3	1,2	006-101
X0.4	1B13-IRM-32/29	RPV IRM INSTRUMENT DRY TUBE E	VT-3	1,3	006-101
X0.4	1B13-IRM-32/37	RPV IRM INSTRUMENT DRY TUBE F	VT-3	1,3	006-101
X0.4	1B13-IRM-48/13	RPV IRM INSTRUMENT DRY TUBE G	VT-3	1,2	006-101
X0.4	1B13-IRM-48/53	RPV IRM INSTRUMENT DRY TUBE H	VT-3	1,3	006-101
X0.5	1B13-JPA-P01	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P02	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P03	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P04	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P05	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P06	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P07	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P08	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P09	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P10	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P11	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: X-A					
X0.5	1B13-JPA-P12	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P13	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P14	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P15	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P16	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P17	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P18	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P19	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.5	1B13-JPA-P20	RPV JET PUMP NOZZLE TO MIXER ASSEMBLY	VT-3	2	006-101
X0.3	1B13-JPLAW-P01	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	3	006-101
X0.3	1B13-JPLAW-P02	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	3	006-101
X0.3	1B13-JPLAW-P03	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	3	006-101
X0.3	1B13-JPLAW-P04	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	3	006-101
X0.3	1B13-JPLAW-P05	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	3	006-101
X0.3	1B13-JPLAW-P06	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	1	006-101
X0.3	1B13-JPLAW-P07	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	1	006-101
X0.3	1B13-JPLAW-P08	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	3	006-101
X0.3	1B13-JPLAW-P09	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	3	006-101
X0.3	1B13-JPLAW-P10	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	3	006-101
X0.3	1B13-JPLAW-P11	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	3	006-101
X0.3	1B13-JPLAW-P12	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	3	006-101
X0.3	1B13-JPLAW-P13	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	3	006-101
X0.3	1B13-JPLAW-P14	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	1	006-101
X0.3	1B13-JPLAW-P15	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	3	006-101
X0.3	1B13-JPLAW-P16	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	1	006-101
X0.3	1B13-JPLAW-P17	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	1	006-101
X0.3	1B13-JPLAW-P18	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	3	006-101
X0.3	1B13-JPLAW-P19	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	1	006-101
X0.3	1B13-JPLAW-P20	JET PUMP SENSING LINE ATTACHMENT WELDS	VT-3	3	006-101
X0.2	1B13-JPHDB-P1/P2	RPV JET PUMP HOLD DOWN BEAM	UT	NS	006-101
X0.2	1B13-JPHDB-P3/P4	RPV JET PUMP HOLD DOWN BEAM	UT	NS	006-101
X0.2	1B13-JPHDB-P5/P6	RPV JET PUMP HOLD DOWN BEAM	UT	NS	006-101
X0.2	1B13-JPHDB-P7/P8	RPV JET PUMP HOLD DOWN BEAM	UT	NS	006-101
X0.2	1B13-JPHDB-P9/P10	RPV JET PUMP HOLD DOWN BEAM	UT	NS	006-101
X0.2	1B13-JPHDB-P11/P12	RPV JET PUMP HOLD DOWN BEAM	UT	NS	006-101

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: X-A					
X0.2	1B13-JPHDB-P13/P14	RPV JET PUMP HOLD DOWN BEAM	UT	NS	006-101
X0.2	1B13-JPHDB-P15/P16	RPV JET PUMP HOLD DOWN BEAM	UT	NS	006-101
X0.2	1B13-JPHDB-P17/P18	RPV JET PUMP HOLD DOWN BEAM	UT	NS	006-101
X0.2	1B13-JPHDB-P19/P20	RPV JET PUMP HOLD DOWN BEAM	UT	NS	006-101
X0.14	1B13-JPRB-P1/P2	JET PUMP RISER BRACES	VT-3	2,3	006-101
X0.14	1B13-JPRB-P3/P4	JET PUMP RISER BRACES	VT-3	2,3	006-101
X0.14	1B13-JPRB-P5/P6	JET PUMP RISER BRACES	VT-3	2,3	006-101
X0.14	1B13-JPRB-P7/P8	JET PUMP RISER BRACES	VT-3	2,3	006-101
X0.14	1B13-JPRB-P9/P10	JET PUMP RISER BRACES	VT-3	2,3	006-101
X0.14	1B13-JPRB-P11/P12	JET PUMP RISER BRACES	VT-3	2,3	006-101
X0.14	1B13-JPRB-P13/P14	JET PUMP RISER BRACES	VT-3	2,3	006-101
X0.14	1B13-JPRB-P15/P16	JET PUMP RISER BRACES	VT-3	2,3	006-101
X0.14	1B13-JPRB-P17/P18	JET PUMP RISER BRACES	VT-3	2,3	006-101
X0.14	1B13-JPRB-P19/P20	JET PUMP RISER BRACES	VT-3	2,3	006-101
X0.15	1B13-JPTW-P01	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P02	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P03	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P04	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P05	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P06	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P07	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P08	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P09	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P10	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P11	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P12	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P13	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P14	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P15	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P16	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P17	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P18	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P19	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-JPTW-P20	JET PUMP RESTRAINER ADJUSTING SCREW TACK WELDS	VT-3	1,2,3**	006-101
X0.15	1B13-NSH-13/20	START-UP NEUTRON SOURCE HOLDERS	VT-3	1	006-101

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Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: X-A					
X0.11	1B13-NSH-13/36	START-UP NEUTRON SOURCE HOLDERS	VT-3	1	006-101
X0.11	1B13-NSH-17/20	START-UP NEUTRON SOURCE HOLDERS	VT-3	1	006-101
X0.11	1B13-NSH-17/36	START-UP NEUTRON SOURCE HOLDERS	VT-3	1	006-101
X0.11	1B13-NSH-29/28	START-UP NEUTRON SOURCE HOLDERS	VT-3	1	006-101
X0.11	1B13-NSH-33/12	START-UP NEUTRON SOURCE HOLDERS	VT-3	1	006-101
X0.11	1B13-NSH-33/44	START-UP NEUTRON SOURCE HOLDERS	VT-3	1	006-101
X0.11	1B13-NSH-37/12	START-UP NEUTRON SOURCE HOLDERS	VT-3	1	006-101
X0.11	1B13-NSH-37/44	START-UP NEUTRON SOURCE HOLDERS	VT-3	1	006-101
X0.11	1B13-NSH-49/20	START-UP NEUTRON SOURCE HOLDERS	VT-3	1	006-101
X0.11	1B13-NSH-49/36	START-UP NEUTRON SOURCE HOLDERS	VT-3	1	006-101
X0.11	1B13-RHR/LPCI	RPV RHR/LPCI LINES	VT-3	3	006-101
X0.11	1B13-RHR/LPCI-D	RPV RHR/LPCI FLOW DEFLECTORS	VT-3	2	006-101
X0.5	1B13-SD	RPV STEAM DRYER	VT-3	1	006-101
X0.11	1B13-SDHDB	RPV STEAM DRYER HOLD DOWN BRACKET	VT-3	1	006-101
X0.11	1B13-SDHDB-WA	RPV STEAM DRYER HOLD DOWN BRACKET WELDED ATTACHMENT	VT-3	1	006-101
X0.11	1B13-SDSB	RPV STEAM DRYER SUPPORT BRACKET	VT-3	1	006-101
X0.11	1B13-SHMSA	RPV SHROUD HEAD/MOISTURE SEPARATOR ASSEMBLY	VT-3	1	006-101
X0.5	1B13-SHSB	RPV SHROUD HEAD STUD BOLTS	VT-3	1,2,3*	006-101
X0.4	1B13-SRM-16/21	RPV SRM INSTRUMENT DRY TUBE B	VT-3	1,3	006-101
X0.4	1B13-SRM-16/45	RPV SRM INSTRUMENT DRY TUBE A	VT-3	1,2	006-101
X0.4	1B13-SRM-40/21	RPV SRM INSTRUMENT DRY TUBE C	VT-3	1,2	006-101
X0.4	1B13-SRM-40/45	RPV SRM INSTRUMENT DRY TUBE D	VT-3	1,3	006-101
X0.11	1B13-SSAHC	RPV SHROUD SUPPORT ACCESS HOLE COVER WELD	VT-1	3	006-101
X0.11	1B13-SSH-1	RPV, SURVEILLANCE SAMPLE HOLDER/SPECIMEN	VT-3	1	006-101
X0.11	1B13-SSH-2	RPV, SURVEILLANCE SAMPLE HOLDER/SPECIMEN	VT-3	1	006-101
X0.11	1B13-SSH-3	RPV, SURVEILLANCE SAMPLE HOLDER/SPECIMEN	VT-3	1	006-101

* To be performed every refueling outage.

** To be performed every refueling outage from RFO4 on.

*** VT-1 to be performed in RFO5, UT & ET in RFO6.

EXAMINATION CATEGORY: X-B

X0.1	1B21-0015 @	25* VALVE F022C TO PENETRATION P122 PROCESS PIPE	UT	NS*	605-103
X0.1	1B21-0016 @	26* PENETRATION P122 PROCESS PIPE TO VALVE F028C	UT	NS*	605-109

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: X-B					
X0.1	1B21-0017 @	26" VALVE F028C TO PIPE	UT	3	605-109
X0.1	1B21-0018 @	26" PIPE TO 28" PIPE	UT	NS**	605-109
X0.1	1B21-0050 @	26" VALVE F022D TO PENETRATION P415 PROCESS PIPE	UT	NS*	605-104
X0.1	1B21-0051 @	26" PENETRATION P415 PROCESS PIPE TO VALVE F028D	UT	NS*	605-110
X0.1	1B21-0052 @	26" VALVE FC28D TO PIPE	UT	2	605-110
X0.1	1B21-0053 @	26" PIPE TO 28" PIPE	UT	3	605-110
X0.1	1B21-0092 @	26" VALVE F022B TO PENETRATION P416 PROCESS PIPE	UT	NS*	605-102
X0.1	1B21-0093 @	26" PENETRATION P416 PROCESS PIPE TO VALVE F028D	UT	NS*	605-108
X0.1	1B21-0094 @	26" VALVE F028B TO PIPE	UT	1	605-108
X0.1	1B21-0095 @	26" PIPE TO 28" PIPE	UT	3	605-108
X0.1	1B21-0128 @	26" VALVE F022A TO PENETRATION P124 PROCESS PIPE	UT	NS*	605-101
X0.1	1B21-0129 @	26" PENETRATION P124 PROCESS PIPE TO VALVE F028A	UT	NS*	605-107
X0.1	1B21-0130 @	26" VALVE F028A TO PIPE	UT	1	605-107
X0.1	1B21-0131 @	26" PIPE TO 28" PIPE	UT	2	605-107
X0.1	1C11-0083	2 1/2" PIPE TO VALVE F122	PT	1	871-105
X0.1	1C11-0084	2 1/2" ELBOW TO PIPE	PT	2	871-105
X0.1	1C11-0085	2 1/2" PIPE TO ELBOW	PT	1	871-105
X0.1	1C11-0086	2 1/2" ELBOW TO PIPE	PT	2	871-105
X0.1	1C11-0087	2 1/2" PIPE TO ELBOW	PT	3	871-105
X0.1	1C11-0088	2 1/2" ELBOW TO PIPE	PT	1	871-105
X0.1	1C11-0089	2 1/2" PIPE TO ELBOW	PT	3	871-105
X0.1	1C11-0090	2 1/2" VALVE F083 TO PIPE	PT	3	871-105
X0.1	1C11-0091	2 1/2" PIPE TO VALVE F083	PT	3	871-105
X0.1	1C11-0092	2 1/2" PIPE TO ELBOW	PT	2	871-105
X0.1	1E12-0333 @	12" VALVE F053A TO PIPE	UT	NS**	642-119
X0.1	1E12-0334 @	12" PIPE TO ELBOW	UT	2	642-119
X0.1	1E12-0335 @	12" ELBOW TO PIPE	UT	2	642-119
X0.1	1E12-0336 @	12" PIPE TO VALVE F050A	UT	NS**	642-120
X0.1	1E12-0337 @	12" VALVE F050A TO PIPE	UT	NS**	642-120
X0.1	1E12-0338 @	12" PIPE TO 12" X 14" REDUCING SLEEVE	UT	NS**	642-120
X0.1	1E12-0339 @	12" PIPE TO 12" X 6" SWEEPOLET RWCU INTERTIE	UT	3	642-120
X0.1	1E12-0580 @	12" VALVE F053B TO PIPE	UT	1	642-132
X0.1	1E12-0581 @	12" PIPE TO ELBOW	UT	2	642-132
X0.1	1E12-0582 @	12" ELBOW TO PIPE	UT	1	642-132

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: X-B					
X0.1	1E12-0583 @	12" PIPE TO VALVE F050B	UT	3	642-131
X0.1	1E12-0584 @	12" VALVE F050B TO PIPE	UT	3	642-131
X0.1	1E12-0585 @	12" PIPE TO 12" X 6" SWEEPOLET RWCU INTERTIE	UT	2	642-131
X0.1	1E12-0586 @	12" PIPE TO 12" X 14" REDUCING SLEEVE	UT	NS**	642-131
X0.1	1E32-0196 @	2" COUPLING ON VALVE F028B TO PIPE	PT	NS*	341-102
X0.1	1E32-0197 @	2" PIPE TO TEE	PT	1	341-102
X0.1	1E32-0198 @	2" TEE TO 2" X 1" REDUCER	PT	2	341-102
X0.1	1E32-0199 @	2" TEE TO PIPE	PT	NS*	341-102
X0.1	1E32-0200 @	2" PIPE TO 2" X 2 1/2" REDUCER	PT	NS*	341-102
X0.1	1E32-0201 @	2" X 2 1/2" REDUCER TO 2 1/2" PIPE	PT	1	341-102
X0.1	1E32-0202 @	2 1/2" PIPE TO 1 1/2" BRANCH CONNECTION (COUPLING)	PT	3	341-102
X0.1	1E32-0203 @	1 1/2" COUPLING TO PIPE	PT	NS*	341-102
X0.1	1E32-0204 @	1 1/2" PIPE TO ELBOW	PT	3	341-102
X0.1	1E32-0205 @	1 1/2" ELBOW TO PIPE	PT	3	341-102
X0.1	1E32-0206 @	1 1/2" PIPE TO VALVE F025E	PT	NS*	341-102
X0.1	1E32-0207 @	1 1/2" VALVE F025E TO PIPE	PT	2	341-102
X0.1	1E32-0208 @	1 1/2" PIPE TO VALVE F026E	PT	1	341-102
X0.1	1E32-0209 @	2 1/2" PIPE TO ELBOW	PT	3	341-102
X0.1	1E32-0210 @	2 1/2" ELBOW TO PIPE	PT	3	341-102
X0.1	1E32-0211 @	2 1/2" PIPE TO VALVE F001E	PT	NS*	341-102
X0.1	1E32-0215 @	2" COUPLING ON VALVE F028A TO PIPE	PT	NS*	341-101
X0.1	1E32-0216 @	2" PIPE TO TEE	PT	2	341-101
X0.1	1E32-0217 @	2" TEE TO 2" X 1" REDUCER	PT	NS*	341-101
X0.1	1E32-0218 @	2" TEE TO PIPE	PT	3	341-101
X0.1	1E32-0219 @	2" PIPE TO 2" X 2 1/2" REDUCER	PT	1	341-101
X0.1	1E32-0220 @	2" X 2 1/2" REDUCER TO 2 1/2" PIPE	PT	3	341-101
X0.1	1E32-0221 @	2 1/2" PIPE TO ELBOW	PT	NS*	341-101
X0.1	1E32-0222 @	1 1/2" ELBOW TO PIPE	PT	3	341-101
X0.1	1E32-0223 @	1 1/2" PIPE TO 1 1/2" BRANCH CONNECTION (COUPLING)	PT	NS*	341-101
X0.1	1E32-0224 @	1 1/2" COUPLING TO PIPE	PT	2	341-101
X0.1	1E32-0225 @	1 1/2" PIPE TO ELBOW	PT	3	341-101
X0.1	1E32-0226 @	1 1/2" ELBOW TO PIPE	PT	2	341-101
X0.1	1E32-0227 @	1 1/2" PIPE TO VALVE F025A	PT	NS*	341-101
X0.1	1E32-0228 @	1 1/2" VALVE F025A TO PIPE	PT	3	341-101

Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: X-B					
X0.1	1E32-0229 @	1 1/2" PIPE TO VALVE F026A	PT	1	341-101
X0.1	1E32-0230 @	2 1/2" PIPE TO VALVE F001A	PT	1	341-101
X0.1	1E32-0234 @	2" COUPLING ON VALVE F028D TO PIPE	PT	1	341-104
X0.1	1E32-0235 @	2" PIPE TO TEE	PT	3	341-104
X0.1	1E32-0236 @	2" TEE TO 2" X 1" REDUCER	PT	3	341-104
X0.1	1E32-0237 @	2" TEE TO PIPE	PT	2	341-104
X0.1	1E32-0238 @	2" PIPE TO 2" X 2 1/2" REDUCER	PT	NS*	341-104
X0.1	1E32-0239 @	2" X 2 1/2" REDUCER TO 2 1/2" PIPE	PT	1	341-104
X0.1	1E32-0240 @	2 1/2" PIPE TO ELBOW	PT	2	341-104
X0.1	1E32-0241 @	2 1/2" ELBOW TO PIPE	PT	NS*	341-104
X0.1	1E32-0242 @	2 1/2" PIPE TO 1 1/2" BRANCH CONNECTION (COUPLING)	PT	NS*	341-104
XC.1	1E32-0243 @	1 1/2" COUPLING TO PIPE	PT	3	341-104
X0.1	1E32-0244 @	1 1/2" PIPE TO ELBOW	PT	3	341-104
X0.1	1E32-0245 @	1 1/2" ELBOW TO PIPE	PT	3	341-104
X0.1	1E32-0246 @	1 1/2" PIPE TO VALVE F025N	PT	3	341-104
X0.1	1E32-0247 @	1 1/2" VALVE F025N TO PIPE	PT	3	341-104
X0.1	1E32-0248 @	1 1/2" PIPE TO VALVE F026N	PT	NS*	341-104
X0.1	1E32-0249 @	2 1/2" PIPE TO VALVE F001N	PT	2	341-104
X0.1	1E32-0252 @	2" COUPLING ON VALVE F028C TO PIPE	PT	1	341-103
X0.1	1E32-0253 @	2" PIPE TO TEE	PT	2	341-103
X0.1	1E32-0254 @	2" TEE TO 2" X 1" REDUCER	PT	3	341-103
X0.1	1E32-0255 @	2" TEE TO PIPE	PT	3	341-103
X0.1	1E32-0256 @	2" PIPE TO 2" X 2 1/2" REDUCER	PT	NS*	341-103
X0.1	1E32-0257 @	2" X 2 1/2" REDUCER TO 2 1/2" PIPE	PT	3	341-103
X0.1	1E32-0258 @	2 1/2" PIPE TO 1 1/2" BRANCH CONNECTION (COUPLING)	PT	NS*	341-103
X0.1	1E32-0259 @	1 1/2" COUPLING TO PIPE	PT	1	341-103
X0.1	1E32-0260 @	1 1/2" PIPE TO ELBOW	PT	NS*	341-103
X0.1	1E32-0261 @	1 1/2" ELBOW TO PIPE	PT	3	341-103
X0.1	1E32-0262 @	1 1/2" PIPE TO VALVE F025J	PT	2	341-103
X0.1	1E32-0263 @	1 1/2" VALVE F025J TO PIPE	PT	2	341-103
X0.1	1E32-0264 @	1 1/2" PIPE TO VALVE F026J	PT	2	341-103
X0.1	1E32-0265 @	2 1/2" PIPE TO ELBOW	PT	3	341-103
X0.1	1E32-0266 @	2 1/2" ELBOW TO PIPE	PT	2	341-103
X0.1	1E32-0267 @	2 1/2" PIPE TO VALVE F001J	PT	3	341-103

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Inservice Examination Interval Listing (Cont.)

<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: X-B					
X0.1	1E51-0120 @	10" PIPE TO VALVE F064	UT	NS*	632-102
X0.1	1E51-0121 @	10" PENETRATION P422 PROCESS PIPE TO PIPE	UT	NS*	632-102
X0.1	1E51-0122 @	10" PIPE TO PENETRATION P422 PROCESS PIPE	UT	1	632-101
X0.1	1E51-0123 @	10" VALVE F063 TO PIPE	UT	3	632-101
X0.1	1E51-0124 @	10" PIPE TO VALVE F063	UT	2	632-101
X0.1	1G33-0060 @	6" PIPE TO VALVE F001	UT	NS*	671-103
X0.1	1G33-0061 @	6" VALVE F001 TO PIPE	UT	NS*	671-103
X0.1	1G33-0062 @	6" PIPE TO PENETRATION P131 PROCESS PIPE	UT	NS*	671-103
X0.1	1G33-0063 @	6" PENETRATION P131 PROCESS PIPE TO PIPE	UT	NS*	671-104
X0.1	1G33-0064 @	6" PIPE TO VALVE F004	UT	NS*	671-104
X0.1	1G33-0064A	6" VALVE F004 TO ELBOW	UT, PT	1	671-104
X0.1	1G33-0064B	6" ELBOW TO PIPE	UT, PT	1	671-104
X0.1	1G33-0064C	6" PIPE TO ELBOW	UT, PT	2	671-104
X0.1	1G33-0064D	6" ELBOW TO PIPE	UT, PT	2	671-104
X0.1	1G33-0064E	6" PIPE TO ELBOW	UT, PT	2	671-104
X0.1	1G33-0064F	6" ELBOW TO PIPE	UT, PT	2	671-104
X0.1	1G33-0114 @	6" VALVE F040 TO PENETRATION P132 PROCESS PIPE	UT, PT	NS**	672-102
X0.1	1G33-0115 @	6" PENETRATION P132 PROCESS PIPE TO VALVE F039	UT, PT	NS**	672-102
X0.1	1G33-0116 @	6" VALVE F039 TO PIPE	UT, PT	2	672-102
X0.1	1G33-0117 @	6" PIPE TO FLANGE FE N040	UT, PT	2	672-102
X0.1	1G33-0118 @	6" FLANGE FE N040 TO PIPE	UT, PT	1	672-102
X0.1	1G33-0119 @	6" PIPE TO ELBOW	UT, PT	1	672-102
X0.1	1G33-0120 @	6" ELBOW TO PIPE	UT, PT	3	672-102
X0.1	1G33-0121 @	PIPE TO 6" X 6" X 6" TEE	UT, PT	3	672-101
X0.1	1G33-0122 @	6" X 6" X 6" TEE TO VALVE F051A	UT, PT	NS**	672-101
X0.1	1G33-0123 @	6" VALVE F051A TO PIPE	UT, PT	2	672-101
X0.1	1G33-0124 @	6" PIPE TO ELBOW	UT, PT	2	672-101
X0.1	1G33-0125 @	6" ELBOW TO PIPE	UT, PT	2	672-101
X0.1	1G33-0126 @	6" PIPE TO VALVE F052A	UT, PT	2	672-101
X0.1	1G33-0127 @	6" VALVE F052A TO PIPE	UT, PT	2	672-101
X0.1	1G33-0128 @	6" PIPE TO ELBOW	UT, PT	2	672-101
X0.1	1G33-0129 @	6" ELBOW TO PIPE	UT, PT	2	672-101
X0.1	1G33-0130 @	6" PIPE TO ELBOW	UT, PT	1	672-101
X0.1	1G33-0131 @	6" ELBOW TO WELDOLET	UT, PT	1	672-101

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Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: X-B					
X0.1	1G33-0132 @	6" TEE TO PIPE	UT, PT	1	672-101
X0.1	1G33-0132A @	6" PIPE TO PIPE	UT, PT	2	672-101
X0.1	1G33-0133 @	6" PIPE TO VALVE F051B	UT, PT	3	672-101
X0.1	1G33-0134 @	6" VALVE F051B TO ELBOW	UT, PT	3	672-101
X0.1	1G33-0135 @	6" ELBOW TO PIPE	UT, PT	3	672-101
X0.1	1G33-0136 @	6" PIPE TO ELBOW	UT, PT	1	672-101
X0.1	1G33-0137 @	6" ELBOW TO PIPE	UT, PT	1	672-101
X0.1	1G33-0138 @	6" PIPE TO VALVE F052B	UT, PT	3	672-101
X0.1	1G33-0139 @	6" VALVE F052B TO PIPE	UT, PT	3	672-101
X0.1	1G33-0140 @	6" PIPE TO ELBOW	UT, PT	3	672-101
X0.1	1G33-0141 @	6" ELBOW TO PIPE	UT, PT	3	672-101
X0.1	1G33-0142 @	6" PIPE TO ELBOW	UT, PT	3	672-101
X0.1	1G33-0143 @	6" ELBOW TO WELDOLET	UT, PT	3	672-101
X0.1	1G33-0158	4" PIPE TO VALVE F053	UT	1	672-103
X0.1	1G33-0159	4" VALVE F054 TO 4" PIPE	UT	1	672-103
X0.1	1G33-0160	4" VALVE F028 TO 4" PIPE	UT	2	672-103
X0.1	1G33-0161	4" PIPE TO VALVE F034	UT	2	672-103
X0.1	1N22-0026 @	VALVE F022C TO 2" PIPE	PT	NS*	121-102
X0.1	1N22-0027 @	2" PIPE TO ELBOW	PT	3	121-102
X0.1	1N22-0028 @	2" ELBOW TO PIPE	PT	2	121-102
X0.1	1N22-0029 @	2" PIPE TO ELBOW	PT	3	121-102
X0.1	1N22-0030 @	2" ELBOW TO PIPE	PT	NS*	121-102
X0.1	1N22-0030A @	2" PIPE TO COUPLING	PT	3	121-102
X0.1	1N22-0030B @	2" COUPLING TO PIPE	PT	1	121-102
X0.1	1N22-0031 @	2" PIPE TO ELBOW	PT	2	121-102
X0.1	1N22-0031A @	2" TEE TO PIPE	PT	2	121-102
X0.1	1N22-0031B @	2" PIPE TO TEE	PT	2	121-102
X0.1	1N22-0031C @	2" PIPE TO COUPLING	PT	NS*	121-102
X0.1	1N22-0032 @	2" ELBOW TO PIPE	PT	1	121-102
X0.1	1N22-0033 @	2" PIPE TO ELBOW	PT	3	121-102
X0.1	1N22-0034 @	2" ELBOW TO PIPE	PT	2	121-102
X0.1	1N22-0035 @	2" PIPE TO ELBOW	PT	3	121-102
X0.1	1N22-0036 @	2" ELBOW TO PIPE	PT	2	121-102
X0.1	1N22-0037 @	2" PIPE TO 2" X 3" X 3" TEE	PT	1	121-102

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: X-B					
X0.1	1N22-0059 @	2" COUPLING ON VALVE F022D TO PIPE	PT	NS*	121-101
X0.1	1N22-0060 @	2" PIPE TO ELBOW	PT	3	121-101
X0.1	1N22-0061 @	2" ELBOW TO PIPE	PT	3	121-101
X0.1	1N22-0062 @	2" PIPE TO ELBOW	PT	2	121-101
X0.1	1N22-0063 @	2" ELBOW TO PIPE	PT	3	121-101
X0.1	1N22-0064 @	2" PIPE TO ELBOW	PT	3	121-101
X0.1	1N22-0065 @	2" ELBOW TO PIPE	PT	2	121-101
X0.1	1N22-0066 @	2" PIPE TO 2" X 3" REDUCER	PT	1	121-101
X0.1	1N22-0067 @	2" X 3" REDUCER TO PIPE	PT	NS*	121-101
X0.1	1N22-0068 @	3" PIPE TO 3" X 3" X 2" TEE	PT	3	121-101
X0.1	1N22-0069 @	3" X 3" X 2" TEE TO 3" PIPE	PT	2	121-101
X0.1	1N22-0070 @	3" PIPE TO 3" X 3" X 2" TEE	PT	2	121-103
X0.1	1N22-0071 @	3" X 3" X 2" TEE TO 3" PIPE	PT	3	121-103
X0.1	1N22-0072 @	3" PIPE TO 3" X 3" X 2" TEE	PT	3	121-103
X0.1	1N22-0073 @	3" X 3" X 2" TEE TO 3" PIPE	PT	3	121-103
X0.1	1N22-0074 @	3" PIPE TO VALVE F016	PT	NS*	121-103
X0.1	1N22-0075 @	3" VALVE F016 TO PENETRATION P423	PT	3	121-103
X0.1	1N22-0076 @	PENETRATION P423 TO 3" PIPE	PT	NS*	121-103
X0.1	1N22-0077 @	3" PIPE TO VALVE F019	PT	2	121-103
X0.1	1N22-0103 @	2" COUPLING ON VALVE F022B	PT	NS*	121-101
X0.1	1N22-0104 @	2" PIPE TO ELBOW	PT	3	121-101
X0.1	1N22-0105 @	2" ELBOW TO PIPE	PT	2	121-101
X0.1	1N22-0106 @	2" PIPE TO ELBOW	PT	NS*	121-101
X0.1	1N22-0107 @	2" ELBOW TO PIPE	PT	3	121-101
X0.1	1N22-0108 @	2" PIPE TO ELBOW	PT	3	121-101
X0.1	1N22-0108A @	2" ELBOW TO PIPE	PT	3	121-101
X0.1	1N22-0108B @	2" PIPE TO ELBOW	PT	2	121-101
X0.1	1N22-0109 @	2" ELBOW TO PIPE	PT	3	121-101
X0.1	1N22-0109A @	2" PIPE TO COUPLING	PT	3	121-101
X0.1	1N22-0109B @	2" COUPLING TO PIPE	PT	3	121-101
X0.1	1N22-0110 @	2" PIPE TO ELBOW	PT	3	121-101
X0.1	1N22-0111 @	2" ELBOW TO PIPE	PT	3	121-101
X0.1	1N22-0112 @	2" PIPE TO ELBOW	PT	3	121-101
X0.1	1N22-0113 @	2" ELBOW TO PIPE	PT	3	121-101
X0.1	1N22-0114 @	2" PIPE TO ELBOW	PT	2	121-101

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: X-B					
X0.1	1N22-0115 @	2" ELBOW TO PIPE	PT	1	121-101
X0.1	1N22-0116 @	2" PIPE TO 3" X 3" X 2" TEE	PT	1	121-101
X0.1	1N22-0136 @	2" COUPLING ON VALVE F022A TO PIPE	PT	NS*	121-102
X0.1	1N22-0137 @	2" PIPE TO ELBOW	PT	3	121-102
X0.1	1N22-0138 @	2" ELBOW TO PIPE	PT	2	121-102
X0.1	1N22-0139 @	2" PIPE TO ELBOW	PT	2	121-102
X0.1	1N22-0140 @	2" ELBOW TO PIPE	PT	3	121-102
X0.1	1N22-0141 @	2" PIPE TO ELBOW	PT	2	121-102
X0.1	1N22-0142 @	2" ELBOW TO PIPE	PT	NS*	121-102
X0.1	1N22-0143 @	2" PIPE TO ELBOW	PT	3	121-102
X0.1	1N22-0144 @	2" ELBOW TO PIPE	PT	3	121-102
X0.1	1N22-0145 @	2" PIPE TO ELBOW	PT	NS*	121-102
X0.1	1N22-0146 @	2" ELBOW TO PIPE	PT	2	121-102
X0.1	1N22-0147 @	2" PIPE TO 3" X 3" X 2" TEE	PT	NS*	121-102
X0.1	1N27-0007 @	20" VALVE F559A TO PIPE	UT	3	082-102
X0.1	1N27-0008 @	20" PENETRATION P121 PROCESS PIPE TO VALVE F559A	UT	1	082-102
X0.1	1N27-0009 @	20" VALVE F032A TO PENETRATION P121 PROCESS PIPE	UT	1	082-101
X0.1	1N27-0010 @	20" PIPE TO VALVE F032A	UT	2	082-101
X0.1	1N27-0010A @	20" PIPE TO PIPE	UT	NS**	082-101
X0.1	1N27-0011 @	20" X 20" X 14" TEE TO 20" PIPE	UT	3	082-101
X0.1	1N27-0011A @	20" X 20" X 14" TEE TO 14" X 12" REDUCER	UT	3	082-101
X0.1	1N27-0012 @	20" PIPE TO 20" X 20" X 14" TEE	UT	3	082-101
X0.1	1N27-0013 @	20" VALVE F065A TO PIPE	UT	2	082-101
X0.1	1N27-0014	20" PIPE TO VALVE F065A	UT	2	082-101
X0.1	1N27-0021 @	20" VALVE F559B TO PIPE	UT	3	082-105
X0.1	1N27-0022 @	20" PENETRATION P414 PROCESS PIPE TO VALVE F559B	UT	1	082-105
X0.1	1N27-0023 @	20" VALVE F032B TO PENETRATION P414 PROCESS PIPE	UT	2	082-104
X0.1	1N27-0024 @	20" PIPE TO VALVE F032B	UT	2	082-104
X0.1	1N27-0024A @	20" PIPE TO PIPE	UT	2	082-104
X0.1	1N27-0025 @	20" X 20" X 14" TEE TO 20" PIPE	UT	NS**	082-104
X0.1	1N27-0025A @	20" X 20" X 24" TEE TO 14" X 12" REDUCER	UT	3	082-104
X0.1	1N27-0026 @	20" PIPE TO 20" X 20" X 14" TEE	UT	3	082-104
X0.1	1N27-0027 @	20" VALVE F065B TO PIPE	UT	3	082-104
X0.1	1N27-0028	20" PIPE TO VALVE F065B	UT	2	082-104

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: X-B					
X0.1	1N27-0071	1 1/2" VALVE F740 TO PIPE	PT	1	971-102
X0.1	1N27-0072	1 1/2" PIPE TO ELBOW	PT	3	971-102
X0.1	1N27-0073	1 1/2" ELBOW TO PIPE	PT	3	971-102
X0.1	1N27-0074	1 1/2" PIPE TO ELBOW	PT	2	971-102
X0.1	1N27-0075	1 1/2" ELBOW TO PIPE	PT	2	971-102
X0.1	1N27-0076	1 1/2" PIPE TO CROSS	PT	1	971-102
X0.1	1N27-0077	1 1/2" CROSS TO 1 1/2" X 1" REDUCER	PT	1	971-102
X0.1	1N27-0078	1 1/2" CROSS TO 1 1/2" X 1" REDUCER	PT	1	971-102
X0.1	1N27-0079	1 1/2" CROSS TO PIPE	PT	3	971-102
X0.1	1N27-0080	1 1/2" PIPE TO TEE	PT	3	971-102
X0.1	1N27-0081	1 1/2" TEE TO 1 1/2" X 1" REDUCER	PT	2	971-102
X0.1	1N27-0082	1 1/2" TEE TO 1 1/2" X 1" REDUCER	PT	3	971-102
X0.1	1N27-0083	1 1/2" VALVE F737 TO PIPE	PT	1	971-101
X0.1	1N27-0084	1 1/2" PIPE TO CROSS	PT	3	971-101
X0.1	1N27-0085	1 1/2" CROSS TO PIPE	PT	1	971-101
X0.1	1N27-0086	1 1/2" TEE TO 1 1/2" X 1" REDUCER	PT	2	971-101
X0.1	1N27-0087	1 1/2" CROSS TO 1 1/2" X 1" REDUCER	PT	2	971-101
X0.1	1N27-0088	1 1/2" PIPE TO TEE	PT	2	971-101
X0.1	1N27-0089	1 1/2" TEE TO 1 1/2" X 1" REDUCER	PT	2	971-101
X0.1	1N27-0090	1 1/2" TEE TO 1 1/2" X 1" REDUCER	PT	1	971-101

* - These Category X-B welds are scheduled for examination in Section 2.0, Category B-J.

** - These Category X-B welds are scheduled for examination in Section 3.0, Category C-F-2.

EXAMINATION CATEGORY: X-C

X0.6	1B13-FS	RPV FEEDWATER SPARGERS	VT-3	2,3	006-101
X0.6	1B13-N4A-INT	FEEDWATER NOZZLE INTERIOR SURFACES	PT	SR	006-108
X0.6	1B13-N4B-INT	FEEDWATER NOZZLE INTERIOR SURFACES	PT	SR	006-108
X0.6	1B13-N4C-INT	FEEDWATER NOZZLE INTERIOR SURFACES	PT	SR	006-108
X0.6	1B13-N4D-INT	FEEDWATER NOZZLE INTERIOR SURFACES	PT	SR	006-108
X0.6	1B13-N4E-INT	FEEDWATER NOZZLE INTERIOR SURFACES	PT	SR	006-108
X0.6	1B13-N4F-INT	FEEDWATER NOZZLE INTERIOR SURFACES	PT	SR	006-108
X0.6	1B13-N4A-IR @	FW NOZZLE N4A INNER RADIUS	UT	1,2	006-108
X0.6	1B13-N4B-IR @	FW NOZZLE N4B INNER RADIUS	UT	1,2	006-108

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Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: X-C					
X0.6	1B13-N4C-IR @	FW NOZZLE N4C INNER RADIUS	UT	2,3	006-108
X0.6	1B13-N4D-IR @	FW NOZZLE N4D INNER RADIUS		1,2	006-108
X0.6	1B13-N4E-IR @	FW NOZZLE N4E INNER RADIUS		1,2	006-108
X0.6	1B13-N4F-IR @	FW NOZZLE N4F INNER RADIUS		2,3	006-108
EXAMINATION CATEGORY: X-D					
X0.7	1B33-C001A-PS	RECIRCULATION PUMP C001A, PUMP SHAFT CRACKING EXAM	UT	3	602-102
X0.7	1B33-C001B-PS	RECIRCULATION PUMP C001B, PUMP SHAFT CRACKING EXAM	UT	3	602-104
EXAMINATION CATEGORY: X-E					
X0.1	1B21-P122-WA @	PENETRATION P122 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	UT	2	605-109
X0.1	1B21-P124-WA @	PENETRATION P124 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	UT	3	605-107
X0.1	1B21-P415-WA @	PENITRATION P415 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	UT	1	605-110
X0.1	1B21-P416-WA @	PENITRATION P416 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	UT	2	605-108
X0.1	1N27-P121-WA @	PENITRATION P121 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	UT	1	082-101
X0.1	1N27-P414-WA @	PENITRATION P414 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	UT	3	082-104
EXAMINATION CATEGORY: X-F					
X0.8	1B13-AE-SUR	NO. 4 SHELL RING TO SHELL FLANGE CIRCUMFERENTIAL SEAM USAR SECTION 5.3.1	MT	1,3	006-102
EXAMINATION CATEGORY: X-G					
X0.12	1B13-N1A-KB @	RECIRCULATION OUTLET NOZZLE N1A TO SAFE-END	UT	1,2	006-107
X0.12	1B13-N1B-KB @	RECIRCULATION INLET NOZZLE N1B TO SAFE-END	UT	1,2	006-107
X0.12	1B13-N2A-KB @	RECIRCULATION INLET NOZZLE N2A TO SAFE-END	UT	1,2	006-107

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: X-G					
X0.12	1B13-N2B-KB @	RECIRCULATION INLET NOZZLE N2B TO SAFE-END	UT	1,2	006-107
X0.12	1B13-N2C-KB @	RECIRCULATION INLET NOZZLE N2C TO SAFE-END	UT	2,3	006-107
X0.12	1B13-N2D-KB @	RECIRCULATION INLET NOZZLE N2D TO SAFE-END	UT	1,2	006-107
X0.12	1B13-N2E-KB @	RECIRCULATION INLET NOZZLE N2E TO SAFE-END	UT	1,2	006-107
X0.12	1B13-N2F-KB @	RECIRCULATION INLET NOZZLE N2F TO SAFE-END	UT	1,2	006-107
X0.12	1B13-N2G-KB @	RECIRCULATION INLET NOZZLE N2G TO SAFE-END	UT	1,2	006-107
X0.12	1B13-N2H-KB @	RECIRCULATION INLET NOZZLE N2H TO SAFE-END	UT	1,2	006-107
X0.12	1B13-N2J-KB @	RECIRCULATION INLET NOZZLE N2J TO SAFE-END	UT	2,3	006-107
X0.12	1B13-N2K-KB @	RECIRCULATION INLET NOZZLE N2K TO SAFE-END	UT	2,3	006-108
X0.12	1B13-N4A-KB @	FEEDWATER NOZZLE N4A TO SAFE-END	UT	1,2	006-108
X0.12	1B13-N4B-KB @	FEEDWATER NOZZLE N4B TO SAFE-END	UT	1,2	006-108
X0.13	1B13-N4C-KB @	FEEDWATER NOZZLE N4C TO SAFE-END	UT	2,3	006-108
X0.12	1B13-N4D-KB @	FEEDWATER NOZZLE N4D TO SAFE-END	UT	1,2	006-108
X0.13	1B13-N4E-KB @	FEEDWATER NOZZLE N4E TO SAFE-END	UT	1,2	006-108
X0.12	1B13-N4F-KB @	FEEDWATER NOZZLE N4F TO SAFE-END	UT	2,3	006-108
X0.12	1B13-N5A-KB @	LOW PRESSURE CORE SPRAY NOZZLE TO SAFE-END	UT	1,2	006-109
X0.12	1B13-N5B-KB @	HIGH PRESSURE CORE SPRAY NOZZLE TO SAFE-END	UT	1,2	006-109
X0.12	1B13-N6A-KB @	RHR NOZZLE N6A TO SAFE-END	UT	1,2	006-109
X0.12	1B13-N6B-KB @	RHR NOZZLE N6B TO SAFE-END	UT	1,2	006-109
X0.12	1B13-N6C-KB @	RHR NOZZLE N6C TO SAFE-END	UT	2,3	006-109
X0.12	1B13-N9A-KB @	JET PUMP INSTRUMENT NOZZLE N9A TO SAFE-END	UT	2,3	006-106
X0.12	1B13-N9A-KC @	JET PUMP INSTRUMENT NOZZLE SAFE-END TO PENETRATION SEAL	UT	2,3	006-106
X0.12	1B13-N9B-KB @	JET PUMP INSTRUMENT NOZZLE N9B TO SAFE-END	UT	2,3	006-106
X0.12	1B13-N9B-KC @	JET PUMP INSTRUMENT NOZZLE SAFE-END TO PENETRATION SEAL	UT	2,3	006-106
X0.9	1B33-0002 @	22" NOZZLE NIA SAFE-END (CRC)	UT, PT	NS*	602-102
X0.10	1B33-0002-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS*	602-102
X0.10	1B33-0003 @	22" ELBOW TO PIPE	UT, PT	NS*	602-102
X0.10	1B33-0003-U @	PIPE SEAM, UPSTREAM	UT, PT	NS*	602-102
X0.10	1B33-0003-D1 @	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	NS*	602-102
X0.10	1B33-0003-D2 @	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS*	602-102
X0.10	1B33-0003A @	22" ELBOW TO PIPE	UT, PT	NS*	602-102
X0.10	1B33-0003A-U1 @	ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS*	602-102
X0.10	1B33-0003A-U2 @	ELBOW LONG SEAM, UPSTREAM	UT, PT	NS*	602-102

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<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: X-G					
X0.10	1B33-0003A-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS*	602-102
X0.9	1B33-0004 @	22" PIPE TO PIPE (CRC)	UT, PT	NS	602-102
X0.10	1B33-0004-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-102
X0.10	1B33-0004-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-102
X0.10	1B33-0005 @	22" PIPE TO ELBOW	UT, PT	NS	602-102
X0.10	1B33-0005-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-102
X0.10	1B33-0005-D1 @	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	NS	602-102
X0.10	1B33-0005-D2 @	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS	602-102
X0.9	1B33-0006 @	22" ELBOW TO VALVE, F023A (CRC)	UT, PT	NS	602-102
X0.10	1B33-0006-U1 @	ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS	602-102
X0.10	1B33-0006-U2 @	ELBOW LONG SEAM, UPSTREAM	UT, PT	NS	602-102
X0.9	1B33-0007 @	VALVE F023A TO 22" PIPE (CRC)	UT, PT	NS	602-102
X0.10	1B33-0007-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-102
X0.10	1B33-0008 @	22" PIPE TO 22" X 4" CONTOUR NOZZLE	UT, PT	NS	602-102
X0.10	1B33-0008A @	22" PIPE TO 22" X 4" SWEEPolet	UT, PT	NS	602-102
X0.10	1B33-0009 @	22" X 4" CONTOUR NOZZLE TO 4" PIPE	UT, PT	NS*	602-102
X0.10	1B33-0009-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS*	602-102
X0.10	1B33-0010 @	4" PIPE TO FLANGE	UT, PT	NS	602-102
X0.10	1B33-0010-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-102
X0.10	1B33-0011 @	22" PIPE TO ELBOW	UT, PT	NS*	602-102
X0.10	1B33-0011-U @	PIPE SEAM, UPSTREAM	UT, PT	NS*	602-102
X0.10	1B33-0011-D1 @	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	NS*	602-102
X0.10	1B33-0011-D2 @	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS*	602-102
X0.9	1B33-0012 @	22" ELBOW TO PUMP C001A CASING (CRC)	UT, PT	NS*	602-102
X0.10	1B33-0012-U1 @	ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS*	602-102
X0.10	1B33-0012-U2 @	ELBOW LONG SEAM, UPSTREAM	UT, PT	NS*	602-102
X0.9	1B33-0014 @	PUMP C001A CASING TO 24" PIPE (CRC)	UT, PT	NS	602-102
X0.10	1B33-0014-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-102
X0.10	1B33-0015 @	24" PIPE TO 24" X 4" CONTOUR NOZZLE	UT, PT	NS	602-102
X0.10	1B33-0016 @	24" X 4" CONTOUR NOZZLE TO 4" PIPE	UT, PT	NS	602-102
X0.10	1B33-0016-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-102
X0.10	1B33-0017 @	4" PIPE TO FLANGE	UT, PT	NS	602-102
X0.10	1B33-0017-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-102
X0.9	1B33-0018 @	24" PIPE TO VALVE F060A (CRC)	UT, PT	NS	602-102
X0.	1B33-0018-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-102

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<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: X-G					
X0.9	1B33-0019 @	VALVE F060A TO 24" PIPE (CRC)	UT, PT	NS	602-102
X0.10	1B33-0019-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-102
X0.10	1B33-0020 @	24" PIPE TO ELBOW	UT, PT	NS*	602-102
X0.10	1B33-0020-U @	PIPE SEAM, UPSTREAM	UT, PT	NS*	602-102
X0.10	1B33-0020-D1 @	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	NS*	602-102
X0.10	1B33-0020-D2 @	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS*	602-102
X0.10	1B33-0021 @	24" ELBOW TO PIPE	UT, PT	NS	602-102
X0.10	1B33-0021-U1 @	ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS	602-102
X0.10	1B33-0021-U2 @	ELBOW LONG SEAM, UPSTREAM	UT, PT	NS	602-102
X0.10	1B33-0021-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-102
X0.9	1B33-0022 @	24" PIPE TO VALVE F067A (CRC)	UT, PT	NS	602-102
X0.10	1B33-0022-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-102
X0.9	1B33-0023 @	VALVE F067A TO 24" PIPE (CRC)	UT, PT	NS	602-102
X0.10	1B33-0023-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-102
X0.10	1B33-0024 @	24" PIPE TO ELBOW	UT, PT	NS	602-102
X0.10	1B33-0024-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-102
X0.10	1B33-0024-D1 @	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	NS	602-102
X0.10	1B33-0024-D2 @	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS	602-102
X0.10	1B33-0025 @	24" ELBOW TO PIPE	UT, PT	NS	602-102
X0.10	1B33-0025-U1 @	ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS	602-102
X0.10	1B33-0025-U2 @	ELBOW LONG SEAM, UPSTREAM	UT, PT	NS	602-102
X0.10	1B33-0025-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-102
X0.9	1B33-0026 @	24" PIPE TO 24" X 16" CROSS (CRC)	UT, PT	NS	602-102
X0.10	1B33-0026-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-102
X0.9	1B33-0027 @	16" PIPE CAP TO PIPE (CRC)	UT, PT	NS	602-102
X0.10	1B33-0027-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
X0.10	1B33-0028 @	16" PIPE TO 16" X 12" SWEEPolet	UT, PT	NS	602-101
X0.10	1B33-0029 @	16" PIPE TO 16" X 12" SWEEPolet	UT, PT	NS*	602-101
X0.10	1B33-0030 @	16" PIPE TO 24" X 16" CROSS	UT, PT	NS	602-101
X0.10	1B33-0030-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
X0.9	1B33-0031 @	24" X 16" CROSS TO 16" PIPE (CRC)	UT, PT	NS	602-101
X0.10	1B33-0031-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
X0.10	1B33-0032 @	16" PIPE TO 16" X 12" SWEEPolet	UT, PT	NS*	602-101
X0.10	1B33-0033 @	16" PIPE TO 16" X 12" SWEEPolet	UT, PT	NS	602-101
X0.9	1B33-0034 @	16" PIPE TO CAP (CRC)	UT, PT	NS	602-101

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<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: X-G					
X0.10	1B33-0034-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
X0.9	1B33-0035 @	16" X 12" SWEEPolet TO 12" PIPE (CRC)	UT, PT	NS	602-101
X0.10	1B33-0035-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
X0.10	1B33-0036 @	12" PIPE TO ELBOW	UT, PT	NS	602-101
X0.10	1B33-0036-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
X0.10	1B33-0036-D @	ELBOW SEAM, DOWNSTREAM	UT, PT	NS	602-101
X0.10	1B33-0037 @	12" ELBOW TO PIPE	UT, PT	NS	602-101
X0.10	1B33-0037-U @	ELBOW SEAM, UPSTREAM	UT, PT	NS	602-101
X0.10	1B33-0037-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
X0.9	1B33-0038 @	12" PIPE TO NOZZLE N2A SAFE-END (CRC)	UT, PT	NS	602-101
X0.10	1B33-0038-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
X0.9	1B33-0040 @	16" X 12" SWEEPolet TO 12" PIPE (CRC)	UT, PT	NS	602-101
X0.10	1B33-0040-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
X0.10	1B33-0041 @	12" PIPE TO ELBOW	UT, PT	NS	602-101
X0.10	1B33-0041-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
X0.10	1B33-0041-D @	ELBOW SEAM, DOWNSTREAM	UT, PT	NS	602-101
X0.10	1B33-0042 @	12" ELBOW TO PIPE	UT, PT	NS	602-101
X0.10	1B33-0042-U @	ELBOW SEAM, UPSTREAM	UT, PT	NS	602-101
X0.10	1B33-0042-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
X0.9	1B33-0043 @	12" PIPE TO NOZZLE N2B SAFE-END (CRC)	UT, PT	NS*	602-101
X0.10	1B33-0043-U @	PIPE SEAM, UPSTREAM	UT, PT	NS*	602-101
X0.10	1B33-0045 @	24" X 16" CROSS TO 24" X 12" REDUCER	UT, PT	NS*	602-101
X0.9	1B33-0046 @	24" X 12" REDUCER TO 12" PIPE (CRC)	UT, PT	NS	602-101
X0.10	1B33-0046-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
X0.10	1B33-0047 @	12" PIPE TO ELBOW	UT, PT	NS	602-101
X0.10	1B33-0047-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
X0.10	1B33-0047-D @	ELBOW SEAM, DOWNSTREAM	UT, PT	NS	602-101
X0.10	1B33-0048 @	12" ELBOW TO PIPE	UT, PT	NS	602-101
X0.10	1B33-0048-U @	ELBOW SEAM, UPSTREAM	UT, PT	NS	602-101
X0.10	1B33-0048-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
X0.9	1B33-0049 @	12" PIPE TO NOZZLE N2C SAFE-END (CRC)	UT, PT	NS	602-101
X0.10	1B33-0049-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
X0.9	1B33-0051 @	16" X 12" SWEEPolet TO 12" PIPE (CRC)	UT, PT	NS	602-101
X0.10	1B33-0051-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
X0.10	1B33-0052 @	12" PIPE TO ELBOW	UT, PT	NS	602-101

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: X-G					
X0.10	1B33-0052-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
X0.10	1B33-0052-D @	ELBOW SEAM, DOWNSTREAM	UT, PT	NS	602-101
X0.10	1B33-0053 @	12" ELBOW TO PIPE	UT, PT	NS	602-101
X0.10	1B33-0053-U @	ELBOW SEAM, UPSTREAM	UT, PT	NS	602-101
X0.10	1B33-0053-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
X0.9	1B33-0054 @	12" PIPE TO NOZZLE N2D SAFE-END (CRC)	UT, PT	NS*	602-101
X0.10	1B33-0054-U @	PIPE SEAM, UPSTREAM	UT, PT	NS*	602-101
X0.9	1B33-0056 @	16" X 12" SWEEPolet TO 12" PIPE (CRC)	UT, PT	NS	602-101
X0.10	1B33-0056-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-101
X0.10	1B33-0057 @	12" PIPE TO ELBOW	UT, PT	NS	602-101
X0.10	1B33-0057-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
X0.10	1B33-0057-D @	ELBOW SEAM, DOWNSTREAM	UT, PT	NS	602-101
X0.10	1B33-0058 @	12" ELBOW TO PIPE	UT, PT	NS*	602-101
X0.10	1B33-0058-U @	ELBOW SEAM, UPSTREAM	UT, PT	NS*	602-101
X0.10	1B33-0058-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS*	602-101
X0.9	1B33-0059 @	12" PIPE TO NOZZLE N2E SAFE-END (CRC)	UT, PT	NS*	602-101
X0.10	1B33-0059-U @	PIPE SEAM, UPSTREAM	UT, PT	NS*	602-101
X0.9	1B33-0062 @	22" NOZZLE N1B SAFE-END TO PIPE (CRC)	UT, PT	NS*	602-104
X0.10	1B33-0062-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS*	602-104
X0.10	1B33-0063 @	22" PIPE TO ELBOW	UT, PT	NS*	602-104
X0.10	1B33-0063-U @	PIPE SEAM, UPSTREAM	UT, PT	NS*	602-104
X0.10	1B33-0063-D1 @	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	NS*	602-104
X0.10	1B33-0063-D2 @	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS*	602-104
X0.10	1B33-0063A @	22" ELBOW TO PIPE	UT, PT	NS*	602-104
X0.10	1B33-0063A-U1 @	ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS*	602-104
X0.10	1B33-0063A-U2 @	ELBOW LONG SEAM, UPSTREAM	UT, PT	NS*	602-104
X0.10	1B33-0063A-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS*	602-104
X0.9	1B33-0064 @	22" PIPE TO PIPE (CRC)	UT, PT	NS	602-104
X0.10	1B33-0064-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-104
X0.10	1B33-0064-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-104
X0.10	1B33-0065 @	22" PIPE TO 22" X 22" X 20" TEE	UT, PT	NS	602-104
X0.10	1B33-0065-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-104
X0.10	1B33-0066 @	22" X 22" X 20" TEE TO 22" PIPE	UT, PT	NS	602-104
X0.10	1B33-0066-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-104
X0.10	1B33-0067 @	22" PIPE TO ELBOW	UT, PT	NS	602-104

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<u>ITEM</u> <u>NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM</u> <u>METHOD</u>	<u>PERIOD</u> <u>SCHED.</u>	<u>ISI ISO</u> <u>SS-305-</u>
EXAMINATION CATEGORY: X-G					
X0.10	1B33-0067-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-104
X0.10	1B33-0067-D1 @	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	NS	602-104
X0.10	1B33-0067-D2 @	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS	602-104
X0.9	1B33-0068 @	22" ELBOW TO VALVE B33-F023B (CRC)	UT, PT	NS	602-104
X0.10	1B33-0068-U1 @	ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS	602-104
X0.10	1B33-0068-U2 @	ELBOW LONG SEAM, UPSTREAM	UT, PT	NS	602-104
X0.9	1B33-0069 @	VALVE B33-F023B TO 22" PIPE (CRC)	UT, PT	NS	602-104
X0.10	1B33-0069-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-104
X0.10	1B33-0070 @	22" PIPE TO 22" X 4" CONTOUR NOZZLE	UT, PT	NS	602-104
X0.10	1B33-0070A @	22" PIPE TO 22" X 4" SWEEPOLET	UT, PT	NS	602-104
X0.10	1B33-0071 @	22" X 4" CONTOUR NOZZLE TO 4" PIPE	UT, PT	NS*	602-104
X0.10	1B33-0071-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS*	602-104
X0.10	1B33-0072 @	4" PIPE TO FLANGE	UT, PT	NS	602-104
X0.10	1B33-0072-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-104
X0.10	1B33-0073 @	22" PIPE TO ELBOW	UT, PT	NS*	602-104
X0.10	1B33-0073-U @	PIPE SEAM, UPSTREAM	UT, PT	NS*	602-104
X0.10	1B33-0073-D1 @	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	NS*	602-104
X0.10	1B33-0073-D2 @	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS*	602-104
X0.9	1B33-0074 @	22" ELBOW TO PUMP C001B CASING (CRC)	UT, PT	NS*	602-104
X0.10	1B33-0074-U1 @	ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS*	602-104
X0.10	1B33-0074-U2 @	ELBOW LONG SEAM, UPSTREAM	UT, PT	NS*	602-104
X0.9	1B33-0076 @	PUMP C001B CASING TO 24" PIPE (CRC)	UT, PT	NS	602-104
X0.10	1B33-0076-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-104
X0.10	1B33-0077 @	24" PIPE TO 24" X 4" CONTOUR NOZZLE	UT, PT	NS	602-104
X0.10	1B33-0078 @	24" X 4" CONTOUR NOZZLE TO 4" PIPE	UT, PT	NS	602-104
X0.10	1B33-0078-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-104
X0.10	1B33-0079 @	4" PIPE TO FLANGE	UT, PT	NS	602-104
X0.10	1B33-0079-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-104
X0.9	1B33-0080 @	24" PIPE TO VALVE B33-F060B (CRC)	UT, PT	NS	602-104
X0.10	1B33-0080-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-104
X0.9	1B33-0081 @	VALVE F060B TO 24" PIPE (CRC)	UT, PT	NS	602-104
X0.10	1B33-0081-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-104
X0.10	1B33-0082 @	24" PIPE TO ELBOW	UT, PT	NS*	602-104
X0.10	1B33-0082-U @	PIPE SEAM, UPSTREAM	UT, PT	NS*	602-104
X0.10	1B33-0082-D1 @	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	NS*	602-104

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EXAMINATION CATEGORY: X-G					
X0.10	1B33-0082-D2 @	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS*	602-104
X0.10	1B33-0083 @	24" ELBOW TO PIPE	UT, PT	NS	602-104
X0.10	1B33-0083-U1 @	ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS	602-104
X0.10	1B33-0083-U2 @	ELBOW LONG SEAM, UPSTREAM	UT, PT	NS	602-104
X0.10	1B33-0083-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-104
X0.9	1B33-0084 @	24" PIPE TO VALVE F067B (CRC)	UT, PT	NS	602-104
X0.10	1B33-0084-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-101
X0.9	1B33-0085 @	VALVE F057B TO 24" PIPE (CRC)	UT, PT	NS	602-104
X0.10	1B33-0085-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-104
X0.10	1B33-0086 @	24" PIPE TO ELBOW	UT, PT	NS	602-104
X0.10	1B33-0086-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-104
X0.10	1B33-0086-D1 @	ELBOW SHORT SEAM, DOWNSTREAM	UT, PT	NS	602-104
X0.10	1B33-0086-D2 @	ELBOW LONG SEAM, DOWNSTREAM	UT, PT	NS	602-104
X0.10	1B33-0087 @	24" ELBOW TO PIPE	UT, PT	NS	602-104
X0.10	1B33-0087-U1 @	ELBOW SHORT SEAM, UPSTREAM	UT, PT	NS	602-104
X0.10	1B33-0087-U2 @	ELBOW LONG SEAM, UPSTREAM	UT, PT	NS	602-104
X0.10	1B33-0087-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-104
X0.9	1B33-0088 @	24" PIPE TO 24" X 16" CROSS (CRC)	UT, PT	NS	602-104
X0.10	1B33-0088-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-104
X0.9	1B33-0089 @	16" PIPE CAP TO PIPE (CRC)	UT, PT	NS	602-103
X0.10	1B33-0089-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-103
X0.10	1B33-0090 @	16" PIPE TO 16" X 12" SWEEPOLET	UT, PT	NS	602-103
X0.10	1B33-0091 @	16" PIPE TO 16" X 12" SWEEPOLET	UT, PT	NS*	602-103
X0.10	1B33-0092 @	16" PIPE TO 24" X 16" CROSS	UT, PT	NS	602-103
X0.10	1B33-0092-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
X0.9	1B33-0093 @	24" X 16" CROSS TO 16" PIPE (CRC)	UT, PT	NS	602-103
X0.10	1B33-0093-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
X0.10	1B33-0094 @	16" PIPE TO 16" X 12" SWEEPOLET	UT, PT	NS*	602-103
X0.10	1B33-0095 @	16" PIPE TO 16" X 12" SWEEPOLET	UT, PT	NS	602-103
X0.9	1B33-0096 @	16" PIPE TO CAP (CRC)	UT, PT	NS	602-103
X0.10	1B33-0096-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-103
X0.9	1B33-0097 @	16" X 12" SWEEPOLET TO 12" PIPE (CRC)	UT, PT	NS	602-103
X0.10	1B33-0097-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
X0.10	1B33-0098 @	12" PIPE TO ELBOW	UT, PT	NS	602-103
X0.10	1B33-0098-D @	ELBOW SEAM, DOWNSTREAM	UT, PT	NS	602-103

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Rev. 3

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: X-G					
X0.10	1B33-0098-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-103
X0.10	1B33-0099 @	12" ELBOW TO PIPE	UT, PT	NS*	602-103
X0.10	1B33-0099-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS*	602-103
X0.10	1B33-0099-U @	ELBOW SEAM, UPSTREAM	UT, PT	NS*	602-103
X0.9	1B33-0100 @	12" PIPE TO NOZZLE N2F SAFE-END (CRC)	UT, PT	NS*	602-103
X0.10	1B33-0100-U @	PIPE SEAM, UPSTREAM	UT, PT	NS*	602-103
X0.9	1B33-0102 @	16" X 12" SWEEPOLET TO 12" PIPE (CRC)	UT, PT	NS	602-103
X0.10	1B33-0102-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
X0.10	1B33-0103 @	12" PIPE TO ELBOW	UT, PT	NS	602-103
X0.10	1B33-0103-D @	ELBOW SEAM, DOWNSTREAM	UT, PT	NS	602-103
X0.10	1B33-0103-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-103
X0.10	1B33-0104 @	12" ELBOW TO PIPE	UT, PT	NS	602-103
X0.10	1B33-0104-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
X0.10	1B33-0104-U @	ELBOW SEAM, UPSTREAM	UT, PT	NS	602-103
X0.9	1B33-0105 @	12" PIPE TO NOZZLE N2G SAFE-END (CRC)	UT, PT	NS*	602-103
X0.10	1B33-0105-U @	PIPE SEAM, UPSTREAM	UT, PT	NS*	602-103
X0.10	1B33-0107 @	24" X 16" CROSS TO 24" X 12" REDUCER	UT, PT	NS*	602-103
X0.9	1B33-0108 @	24" X 12" REDUCER TO 12" PIPE (CRC)	UT, PT	NS	602-103
X0.10	1B33-0108-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
X0.10	1B33-0109 @	12" PIPE TO ELBOW	UT, PT	NS*	602-103
X0.10	1B33-0109-D @	ELBOW SEAM, DOWNSTREAM	UT, PT	NS*	602-103
X0.10	1B33-0109-U @	PIPE SEAM, UPSTREAM	UT, PT	NS*	602-103
X0.10	1B33-0110 @	12" ELBOW TO PIPE	UT, PT	NS	602-103
X0.10	1B33-0110-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
X0.10	1B33-0110-U @	ELBOW SEAM, UPSTREAM	UT, PT	NS	602-103
X0.9	1B33-0111 @	12" PIPE TO NOZZLE N2H SAFE-END (CRC)	UT, PT	NS*	602-103
X0.10	1B33-0111-U @	PIPE SEAM, UPSTREAM	UT, PT	NS*	602-103
X0.9	1B33-0113 @	16" X 12" SWEEPOLET TO 12" PIPE (CRC)	UT, PT	NS	602-103
X0.10	1B33-0113-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
X0.10	1B33-0114 @	12" PIPE TO ELBOW	UT, PT	NS	602-103
X0.10	1B33-0114-D @	ELBOW SEAM, DOWNSTREAM	UT, PT	NS	602-103
X0.10	1B33-0114-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-103
X0.10	1B33-0115 @	12" ELBOW TO PIPE	UT, PT	NS	602-103
X0.10	1B33-0115-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
X0.10	1B33-0115-U @	ELBOW SEAM, UPSTREAM	UT, PT	NS	602-103

Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: X-G					
X0.9	1B33-0116 @	12" PIPE TO NOZZLE N2J SAFE-END (CRC)	UT, PT	NS	602-103
X0.10	1B33-0116-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-103
X0.9	1B33-0118 @	16" X 12" SWEEPolet TO 12" PIPE (CRC)	UT, PT	NS	602-103
X0.10	1B33-0118-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS	602-103
X0.10	1B33-0119 @	12" PIPE TO ELBOW	UT, PT	NS	602-103
X0.10	1B33-0119-D @	ELBOW SEAM, DOWNSTREAM	UT, PT	NS	602-103
X0.10	1B33-0119-U @	PIPE SEAM, UPSTREAM	UT, PT	NS	602-103
X0.10	1B33-0120 @	12" ELBOW TO PIPE	UT, PT	NS*	602-103
X0.10	1B33-0120-D @	PIPE SEAM, DOWNSTREAM	UT, PT	NS*	602-103
X0.10	1B33-0120-U @	ELBOW SEAM, UPSTREAM	UT, PT	NS*	602-103
X0.9	1B33-0121 @	12" PIPE TO NOZZLE N2K SAFE-END (CRC)	UT, PT	NS*	602-103
X0.10	1B33-0121-U @	PIPE SEAM, UPSTREAM	UT, PT	NS*	602-103
X0.9	1E12-0001 @	22" X 22" X 20" TEE TO 20" PIPE (CRC ON TEE ONLY)	UT, PT	NS*	642-118
X0.10	1E12-0001A @	20" SS PIPE TO 20" CS PIPE (RR TIE-IN)	UT, PT	NS**	642-118
X0.10	1G33-0071 @	4" SS PIPE TO 4" CS PIPE	UT, PT	NS**	671-103
X0.10	1G33-0073 @	4" BENT PIPE TO PIPE	UT, PT	NS	671-105
X0.10	1G33-0075 @	4" X 4" TEE TO PIPE	UT, PT	NS	671-105
X0.10	1G33-0076 @	4" X 4" TEE TO PIPE	UT, PT	NS	671-105
X0.10	1G33-0078 @	4" PIPE TO BENT PIPE	UT, PT	NS	671-105
X0.10	1G33-0080 @	4" CS PIPE TO 4" SS PIPE	UT, PT	NS**	671-105
X0.9	1G33-0087 @	4" X 22" SWEEPolet TO 4" PIPE BI-METALLIC WELD, SS HAS CRC	UT, PT	NS**	671-105
X0.10	1G33-0088 @	4" PIPE TO TEE	UT, PT	NS	671-105
X0.10	1G33-0090 @	4" PIPE TO BENT PIPE	UT, PT	NS	671-106
X0.10	1G33-0091 @	4" PIPE TO PIPE	UT, PT	NS	671-106
X0.10	1G33-0092 @	4" BENT PIPE TO PIPE	UT, PT	NS	671-106
X0.10	1G33-0094 @	4" BENT PIPE TO PIPE	UT, PT	NS	671-106
X0.10	1G33-0096 @	4" BENT PIPE TO PIPE	UT, PT	NS	671-106
X0.10	1G33-0097 @	4" PIPE TO PIPE	UT, PT	NS	671-106

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Inservice Examination Interval Listing (Cont.)

<u>ITEM NO.</u>	<u>MARK NO.</u>	<u>COMPONENT DESCRIPTION</u>	<u>EXAM METHOD</u>	<u>PERIOD SCHED.</u>	<u>ISI ISO SS-305-</u>
EXAMINATION CATEGORY: X-G					
X0.10	1G33-0099 @	4" PIPE TO BENT PIPE	UT, PT	NS	671-106
X0.10	1G33-0101 @	4" PIPE TO BENT PIPE	UT, PT	NS*	671-107
X0.10	1G33-0103 @	4" PIPE TO BENT PIPE	UT, PT	NS	671-107
X0.10	1G33-0106 @	4" CS PIPE TO 4" SS PIPE	UT, PT	NS**	671-107
X0.9	1G33-0113 @	4" X 22" SWEEPOLET TO 4" PIPE BI-METALLIC WELD, SS HAS CRC	UT, PT	NS**	671-107

*These Category X-G welds are scheduled for examination in Section 2.0, Category B-J

**These Category X-G welds are scheduled for examination in Section 2.0, Category B-F

7.0 SNUBBERS

Snubbers are devices (component supports) which provide restraint to a component or system during a sudden application of force but allows for freedom of motion during thermal movement. The ASME Code and plant technical specification identify snubber examination boundaries differently. The plant technical specification identifies snubber examination boundaries pin to pin. The ASME Code identifies snubber examination boundaries as pipe end attachment to structural support end attachment.

7.1 Terminology

7.1.1 Functional Adequacy

A visual examination to confirm operability by verification of settings or freedom of motion.

7.1.2 Functional Testing

In-place or bench test exercising a snubber while measuring and observing required parameters.

7.1.3 Hydraulic Snubber

A device which provides restraint to a component or system during a sudden application of force in which the load is transmitted through a mechanism which contains hydraulic fluid. The device shall allow essentially free motion during thermal movement.

7.1.4 Inaccessible Snubber

Those snubbers that are in a high radiation area or other locations/conditions that would render it impractical for the snubbers to be examined during reactor operation without compromising personnel safety.

7.1.5 Inspection

Denotes the performance of a visual observation by an inspector qualified by the owner or his agent in accordance with the guidelines of SNT-TC-1A (edition identified by the owner) or ANSI N45.2.6-1978. Applicable to T/S Snubbers only.

7.1.6 Mechanical Snubber

A device which provides restraint to a component or system during a sudden application of force in which the load is transmitted entirely through mechanical parts. The device shall allow essentially free motion during thermal movement.

7.1.7 Transient Event

An unexpected or potential damaging occurrence which was determined from review of operating data or during a visual inspection/examination.

7.1.8 Type

A snubber of the same design (mechanical or hydraulic) and manufacturer.

7.2 Exemption

Snubbers are required to satisfy both the technical specifications and ASME Code scope requirements, therefore two exemption criteria exist.

1. Technical Specifications (T/S)

Snubbers not attached to safety class systems (1, 2, or 3), nor considered in the design as affecting a safety class system, are exempt from examination/inspection and testing requirement.

2. ASME Code

Snubbers selected for code examinations shall be the supports of those components that are required to be examined under IWB, IWC, and IWD during the first inspection interval.

7.3 Examination Selection Process

Snubber examination/inspection selections are different for both technical specifications and the ASME Code. The selection process is as follows:

1. Technical Specifications (T/S)

Routine T/S snubber selection is based on each snubber type and category (accessible/inaccessible). The visual inspection frequency for each snubber type and category shall be determined based on the criteria provided in Technical Specification Table 4.7.4-1 (ORM Table 6.4.1-1). The initial inspection interval utilizing this criteria shall be 18 months, beginning from the conclusion of the last visual inspection conducted during RFO4. Additionally, T/S snubbers shall be examined prior to and after performance of repairs, replacement or testing. Also, snubbers attached to sections of systems that have experienced an unexpected or potentially damaging transient shall be inspected (accessible systems within 72 hours and inaccessible systems within six months).

2. ASME Code

All code snubbers shall be examined within each interval and each interval shall use a subdivision of periods to determine examination percentage requirements. Reference code inspection and program requirements.

7.4 Additional Examination Requirements

Additional snubber examination/inspection requirements are different for both technical specifications and the ASME Code. The selection process is as follows:

1. Technical Specifications (T/S)

With T/S Amendment 68, snubber inspections will be performed on 100% of a scheduled type and category of snubber. Therefore additional examinations (i.e., expanded scope within the type/category) is not applicable.

2. Code

The examination results of component supports which require corrective measures, due to exceeding the allowable acceptance standard, shall require completion of the following actions: examination of component supports immediately adjacent to those requiring corrective action and examination of additional supports equal in number and similar in type, design and function to those initially examined. Also, if any additional examinations require corrective measures, the remaining supports within the system of the same type, design, and function shall be examined.

7.5 Successive Examination Requirements

Snubber examination/inspection requirements are different for both technical specification and code.

1. Technical Specifications (T/S)

Successive visual inspection intervals for a snubber population or category size shall be determined based upon the previous inspection interval and the number of unacceptable snubbers found during that interval in accordance with Technical Specification Table 4.7.4-1 (ORM Table 6.4.1-1).

2. Code

Snubber examination sequence is established by the first interval. Examinations should be repeated during successive intervals in the same sequence as the first interval, to the extent practical. Also, component supports (snubbers) requiring corrective measures shall be re-examined during the next inspection period. Re-examinations which do not require corrective measures may revert back to the original examination schedule.

7.6 Testing Requirements

Snubber testing requirements for technical specification and code are made to be identical per a relief request. This relief request identifies the difference and matches them up. The testing requirements utilize one of three sample plans. The three plans are: 1) at least 10% of the total of each type of snubber, 2) a representative sample of each type of snubber to comply with a testing figure (reference #IR-023), and 3) an initial representative sample of 55 snubbers.

7.7 Additional Testing Requirements

Additional testing requirements, upon snubber testing failure, shall be established in accordance with the sample plan used (i.e., sample plan provided to the NRC).

1. At least 10% of the total of each type to be tested.
 - a. Each failure requires additional 5% of the same type to be tested until no further failures occur or all snubbers of that type have been functionally tested.
2. A representative sample tested in accordance with Perry Unit 1 Technical Specification Figure No. 4.7.4-1 (ORM Figure 6.4.1-1).
 - a. Any time test sample of a type fails on or above "reject" line all snubbers of that type shall be functionally tested.
 - b. If test sample falls within continue testing range, additional snubbers of that type shall be tested until plot falls on or below "accept" line.
 - c. Terminate testing if all the snubbers of that type have been tested.
3. A representative sample of 55 snubbers of each type to be tested.
 - a. Each snubber type that fails another sample of at least one half the size of the initial sample shall be tested. When sample plan falls on or below the "Accept" line, testing of that type of snubber may be terminated.
 - 1) Accept line follows evaluation $N = 55(1 + C/2)$ where
N = number of snubbers of that type tested and C = number of failed snubber.
 - b. Terminate testing if all the snubbers of that type have been tested.

7.8 Snubber Categorization

Every snubber is given a unique category classification. The categorization is to allow for failure analysis and to ensure the random sampling application covers all types of snubbers. The categorization is as follows:

First Digit:	Type - 1) Hydraulic or 2) Mechanical
Second Digit:	ALARA - 1) Accessible or 2) Inaccessible
Third Digit:	Size for PSA Mechanical/Phoenix Hydraulic Snubbers - 1) PSA 1/4/EP 1/4, 2) PSA 1/2/EP 1/2, 3) PSA 1/EP 1, 4) PSA 3/EP 3, 5) PSA 10/EP 10, 6) PSA 35/EP 35, 7) PSA 100/EP 100
Third Digit:	Size for Hydraulic Snubbers - 1) 20 KIP, 2) 30 KIP, 3) 50 KIP, 4) 70 KIP, 5) 100 KIP
Fourth Digit:	System Characteristic - 1) Inservice or 2) Functional
Fifth Digit:	Operating Temperature - 1) <200°F or 2) ≥200°F
Sixth Digit:	Vibration - 1) <20 mils or 2) ≥20 mils

7.9 Relief Requests

When compliance to examination requirements are not achievable, relief from examinations are requested. The table listed below identifies those Inservice Relief Requests (IR) which have been filed with the NRC for snubbers.

IR-023 R-0

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-023

I. Identification of Components

All safety-related hydraulic and mechanical snubbers.

II. ASME B&PV Section XI Requirements

- IWF-5400(b) A representative sample of 10% of the total number of nonexempt (IWF-1230) snubbers whose load rating is less than 50 kips shall be tested with each inspection period. Each representative sample shall consist of previously untested snubbers. After all nonexempt snubbers in the plant have been tested, the tests shall be repeated taking the same snubber (or their replacement) in the same sequence as in the original tests. These tests shall verify:
- (1) during low velocity displacements, the specified maximum drag or free movement force will initiate motion of the snubber rod in both tension and compression;
 - (2) activation (restraining action) is achieved within the specified range of velocity or acceleration in both tension and compression;
 - (3) snubber bleed, or release rate, where required, is within the specified range in compression or tension. For units specifically required not to displace under continuous load, the ability of the snubber to withstand load without displacement shall be demonstrated.

IWF-5400(c) Snubbers that fail the inservice tests of (b) above shall be repaired in accordance with IWF-4000 and retested. An additional sample of 10% of the total number of snubbers shall also be tested at that time. Additional sample testing shall be continued until all units within the sample have met the requirements of (b) above.

*A representative sample shall include snubbers from various locations, taking into consideration service and environment.

III. Relief Request

Relief is requested from the required method of sampling in IWF-5400(b) and (c).

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST #IR-023

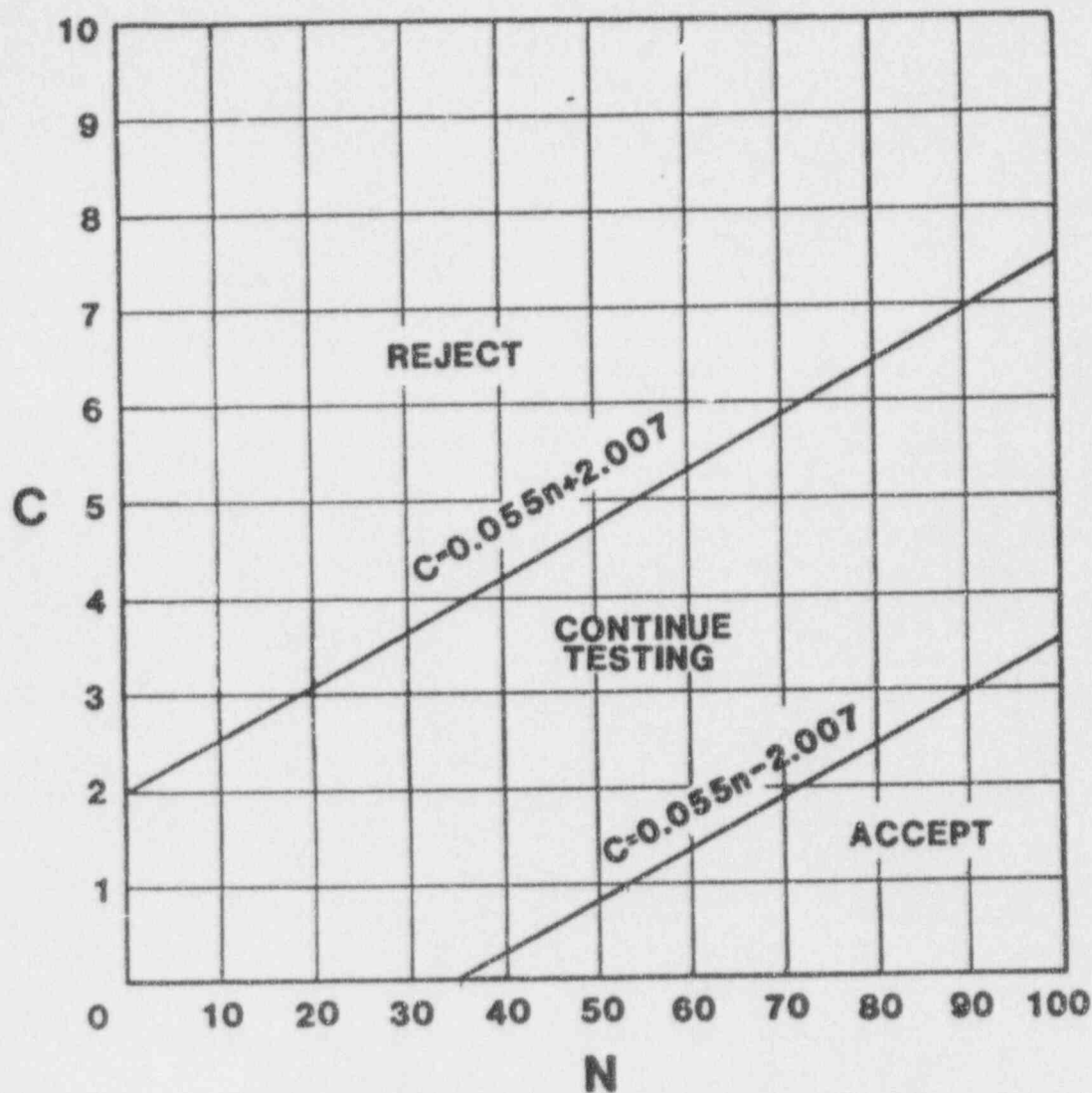
IV. Basis for Relief

The PNPP Unit 1 Technical Specification 4.7.4.e- (ORM TR 6.4.1.1.e) Functional tests bases provides assurance of snubber functional reliability by using one of three functional testing methods. The methods used and stated acceptance criteria are:

- 1) At least 10% of the total of each type of snubber shall be functionally tested either in-place or in a bench test. For each snubber of a type that does not meet the functional test acceptance criteria an additional 5% of that type of snubber shall be functionally tested until no more failures are found or until all snubbers of that type have been functionally tested; or
- 2) A representative sample of each type of snubber shall be functionally tested in accordance with Figure 4.7.4-1 (ORM Figure 6.4.1-1). "C" is the total number of snubbers of a type found not meeting the acceptance requirements. The cumulative number of snubbers of a type tested is denoted by "N". At the end of each day's testing, the new values of "N" and "C" (previous day's total plus current day's increments) shall be plotted on Figure 4.7.4-1 (ORM Figure 6.4.1-1). If at any time the point plotted falls on or below the "Accept" line, testing of snubbers of that type may be terminated. When the point plotted lies in the "Continue Testing" region, additional snubbers of that type shall be tested until the point falls in the "Accept" region or the "Reject" region, or all the snubbers of that type have been tested. Testing equipment failure during functional testing may invalidate that day's testing and allow that day's testing to resume anew at a later time, providing all snubbers tested with the failed equipment during the day of the equipment failure are retested; or
- 3) An initial representative sample of 55 snubbers of each type shall be functionally tested. For each snubber type which does not meet the functional test acceptance criteria, another sample of at least one-half the size of the initial sample shall be tested until the total number tested is equal to the initial sample size multiplied by the factor, $1 + C/2$, where "C" is the number of snubbers found which do not meet the functional test acceptance criteria. The results from this sample plan shall be plotted using an "Accept" line which follows the equation $N = 55(1 + C/2)$. Each snubber point should be plotted as soon as the snubber is tested. If the point plotted falls on or below the "Accept" line, testing of that type of snubber may be terminated. If the point plotted falls above the "Accept" line, testing must continue until the point falls on or below the "Accept" line or all the snubbers of that type have been tested.

V. Alternate Testing

None



SAMPLE PLAN FOR SNUBBER FUNCTIONAL TEST

PNPP UNIT 1 TECHNICAL SPECIFICATION FIGURE 4.7.4-1 (ORM Figure 6.4.1-1)

Figure 1

7.10 Snubber Tables

The snubber tables contained in this section list all snubbers which fall under Technical Specification requirements. The listing is for reference purposes. The actual snubber schedule will be presented to management for approval as soon as possible before each outage.

NOTE: Changes to the snubber tables, such as additions or deletions due to design changes, have no impact on the context of this section. The snubber tables will be updated on a periodic basis.

The information presented in the tables is defined below:

1. ITEM NO. - A number used by ASME Section XI to determine examination requirements. This item number is used within to determine which snubbers are also Section XI snubbers.
2. MPL NO. - A unique identification number used to track snubber testing.
3. HANGER - MARK NO. - A unique number used to cross reference snubbers with Section XI requirements.
4. CATEGORY NO. - A unique number used for computer selection and identifies several operating characteristics of the snubber (reference 7.8).

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
F1.1SN	1B21G7070	1B21-G006-S101B	H22121
F1.1SN	1B21G7071	1B21-G006-S101C	H22121
F1.1SN	1B21G7072	1B21-G006-S102A	H23121
F1.1SN	1B21G7073	1B21-G006-S102B	H24121
F1.1SN	1B21G7074	1B21-G006-S102C	H24121
F1.1SN	1B21G7076	1B21-G006-S103A	H22121
F1.1SN	1B21G7080	1B21-G006-S104A	H23121
F1.1SN	1B21G7083	1B21-G006-S104D	H23121
F1.1SN	1B21G7085	1B21-G006-S105B	H24121
F1.1SN	1B21G7086	1B21-G006-S105C	H24121
F1.1SN	1B21G7087	1B21-G006-S105D	H23121
F1.1SN	1B21G7090	1B21-G006-S107B	H23121
F1.1SN	1B21G7091	1B21-G006-S107C	H23121
F1.3SN	1B21H0002	1B21-H0002	M26221
F1.3SN	1B21H0004	1B21-H0004	M26221
F1.3SN	1B21H0005	1B21-H0005	M25221
F1.3SN	1B21H0006	1B21-H0006	M26221
F1.3SN	1B21H0007	1B21-H0007 (TANDEM)	M25221
F1.3SN	1B21H0009	1B21-H0009 (TANDEM)	M24221
F1.3SN	1B21H0010	1B21-H0010 (TANDEM)	M26221
F1.3SN	1B21H0012	1B21-H0012	M25221
F1.3SN	1B21H0013	1B21-H0013	M26221
F1.3SN	1B21H0014	1B21-H0014	M25221
F1.3SN	1B21H0015	1B21-H0015	M25221
F1.3SN	1B21H0020	1B21-H0020 (TANDEM)	M26221
F1.3SN	1B21H0021	1B21-H0021	M25221
F1.3SN	1B21H0022	1B21-H0022	M26221
F1.3SN	1B21H0023	1B21-H0023	M25221
F1.3SN	1B21H0024	1B21-H0024	M25221
F1.3SN	1B21H0025	1B21-H0025 (TANDEM)	M25221
F1.3SN	1B21H0029	1B21-H0029 (TANDEM)	M26221
F1.3SN	1B21H0031	1B21-H0031	M25221
F1.3SN	1B21H0032	1B21-H0032	M26221
F1.3SN	1B21H0033	1B21-H0033	M25221
F1.3SN	1B21H0038	1B21-H0038	M26221
F1.3SN	1B21H0039	1B21-H0039	M26221
F1.3SN	1B21H0040	1B21-H0040	M26221
F1.3SN	1B21H0041	1B21-H0041	M26221
F1.3SN	1B21H0042	1B21-H0042 (TANDEM)	M25221
F1.3SN	1B21H0043	1B21-H0043	M25221
F1.3SN	1B21H0045	1B21-H0045	M25221
F1.3SN	1B21H0046	1B21-H0046	M25221
F1.3SN	1B21H0047	1B21-H0047	M26221
F1.3SN	1B21H0048	1B21-H0048	M26221
F1.3SN	1B21H0049	1B21-H0049 (TANDEM)	M26221
F1.3SN	1B21H0051	1B21-H0051 (TANDEM)	M25221
F1.3SN	1B21H0054	1B21-H0054 (TANDEM)	M25221
F1.3SN	1B21H0056	1B21-H0056	M25221
F1.3SN	1B21H0057	1B21-H0057	M26221
F1.3SN	1B21H0058	1B21-H0058	M26221

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
F1.3SN	1B21H0059	1B21-H0059	M25221
F1.3SN	1B21H0060	1B21-H0060	M24221
F1.3SN	1B21H0063	1B21-H0063 (TANDEM)	M25221
F1.3SN	1B21H0064	1B21-H0064	M26221
F1.3SN	1B21H0065	1B21-H0065 (TANDEM)	M26221
F1.3SN	1B21H0066	1B21-H0066	M26221
F1.3SN	1B21H0068	1B21-H0068	M26221
F1.3SN	1B21H0069	1B21-H0069 (TANDEM)	M24221
F1.3SN	1B21H0071	1B21-H0071	M25221
F1.3SN	1B21H0073	1B21-H0073	M26221
F1.3SN	1B21H0074	1B21-H0074 (TANDEM)	M26221
F1.3SN	1B21H0075	1B21-H0075	M26221
F1.3SN	1B21H0076	1B21-H0076	M25221
F1.3SN	1B21H0077	1B21-H0077	M26221
F1.3SN	1B21H0078	1B21-H0078	M25221
F1.3SN	1B21H0079	1B21-H0079	M26221
F1.3SN	1B21H0082	1B21-H0082	M25221
F1.3SN	1B21H0084	1B21-H0084	M26221
F1.3SN	1B21H0085	1B21-H0085	M26221
F1.3SN	1B21H0086	1B21-H0086 (TANDEM)	M26221
F1.3SN	1B21H0087	1B21-H0087 (TANDEM)	M26221
F1.3SN	1B21H0089	1B21-H0089	M25221
F1.3SN	1B21H0091	1B21-H0091	M25221
F1.3SN	1B21H0092	1B21-H0092 (TANDEM)	M25221
F1.3SN	1B21H0094	1B21-H0094	M25221
F1.3SN	1B21H0095	1B21-H0095 (TANDEM)	M26221
F1.3SN	1B21H0096	1B21-H0096	M26221
F1.3SN	1B21H0098	1B21-H0098 (TANDEM)	M26221
F1.3SN	1B21H0100	1B21-H0100	M25221
F1.3SN	1B21H0101	1B21-H0101	M26221
F1.3SN	1B21H0102	1B21-H0102	M25221
F1.3SN	1B21H0103	1B21-H0103	M25221
F1.3SN	1B21H0106	1B21-H0106 (TANDEM)	M26221
F1.3SN	1B21H0107	1B21-H0107 (TANDEM)	M26221
F1.3SN	1B21H0108	1B21-H0108	M25221
F1.3SN	1B21H0112	1B21-H0112	M26221
F1.3SN	1B21H0113	1B21-H0113	M24221
F1.3SN	1B21H0114	1B21-H0114	M26221
F1.3SN	1B21H0115	1B21-H0115	M26221
F1.3SN	1B21H0117	1B21-H0117 (TANDEM)	M26221
F1.3SN	1B21H0118	1B21-H0118 (TANDEM)	M24221
F1.3SN	1B21H0119	1B21-H0119 (TANDEM)	M26221
F1.3SN	1B21H0122	1B21-H0122	M26221
F1.3SN	1B21H0124	1B21-H0124	M26221
F1.3SN	1B21H0125	1B21-H0125	M26221
F1.3SN	1B21H0126	1B21-H0126	M26221
F1.3SN	1B21H0127	1B21-H0127 (TANDEM)	M26221
F1.3SN	1B21H0129	1B21-H0129	M26221
F1.3SN	1B21H0130	1B21-H0130	M26221
F1.3SN	1B21H0133	1B21-H0133	M25221

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
F1.3SN	1B21H0135	1B21-H0135 (TANDEM)	M25221
F1.3SN	1B21H0138	1B21-H0138	M25221
F1.3SN	1B21H0139	1B21-H0139	M25221
F1.3SN	1B21H0140	1B21-H0140 (TANDEM)	M26221
F1.3SN	1B21H0141	1B21-H0141 (TANDEM)	M26221
F1.3SN	1B21H0143	1B21-H0143	M26221
F1.3SN	1B21H0145	1B21-H0145	M25221
F1.3SN	1B21H0146	1B21-H0146	M24221
F1.3SN	1B21H0147	1B21-H0147	M26221
F1.3SN	1B21H0148	1B21-H0148	M24221
F1.3SN	1B21H0150	1B21-H0150 (TANDEM)	M26221
F1.3SN	1B21H0151	1B21-H0151 (TANDEM)	M26221
F1.3SN	1B21H0152	1B21-H0152	M24221
F1.3SN	1B21H0153	1B21-H0153 (TANDEM)	M26221
F1.3SN	1B21H0154	1B21-H0154 (TANDEM)	M26221
F1.3SN	1B21H0162	1B21-H0162 (TANDEM)	M25221
F1.3SN	1B21H0165	1B21-H0165	M25221
F1.3SN	1B21H0166	1B21-H0166	M26221
F1.3SN	1B21H0170	1B21-H0170 (TANDEM)	M25221
F1.3SN	1B21H0174	1B21-H0174 (TANDEM)	M25221
F1.3SN	1B21H0178	1B21-H0178 (TANDEM)	M25221
F1.3SN	1B21H0181	1B21-H0181 (TANDEM)	M26221
F1.3SN	1B21H0183	1B21-H0183	M25221
F1.3SN	1B21H0184	1B21-H0184	M26221
F1.3SN	1B21H0185	1B21-H0185	M25221
F1.3SN	1B21H0187	1B21-H0187 (TANDEM)	M25221
F1.3SN	1B21H0191	1B21-H0191	M26221
F1.3SN	1B21H0222	1B21-H0222	M26221
F1.3SN	1B21H0408	1B21-H0408	M25221
F1.3SN	1B21H0410	1B21-H0410	M26221
F1.3SN	1B21H0412	1B21-H0412	M26221
F1.3SN	1B21H0421	1B21-H0421	M25221
F1.3SN	1B21H0423	1B21-H0423	M25221
F1.3SN	1B21H0427	1B21-H0427	M25221
F1.1SN	1B21H0445	1B21-H0445	P24221
F1.1SN	1B21H0446	1B21-H0446 (TANDEM)	P24221
F1.1SN	1B21H0447	1B21-H0447	P24221
F1.1SN	1B21H0449	1B21-H0449	P24221
F1.1SN	1B21H0450	1B21-H0450	P23221
F1.1SN	1B21H0452	1B21-H0452	P23221
F1.1SN	1B21H0453	1B21-H0453	P24221
	1B21H0456	1B21-H0456	M23211
	1B21H0457	1B21-H0457	M24211
F1.1SN	1B21H0458	1B21-H0458	M24221
F1.1SN	1B21H0459	1B21-H0459	M24221
F1.1SN	1B21H0462	1B21-H0462	P24221
	1B21H0465	1B21-H0465	M23211
F1.1SN	1B21H0471	1B21-H0471	P23221
F1.1SN	1B21H0472	1B21-H0472	P25221
F1.1SN	1B21H0474	1B21-H0474	M24221

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
	1B21H0476	1B21-H0476	M24211
F1.1SN	1B21H0490	1B21-H0490	P24221
F1.1SN	1B21H0491	1B21-H0491	P24221
	1B21H7153	1B21-F022B-H3003	M23221
	1B21H7503	1B21-F041G-H3005	M22221
	1B21H7548	1B21-F047B-H3008	M21221
	1B21H7637	1B21-F047G-H3002	M22221
	1B21H7782	1B21-F051G-H3006	M22221
F1.1SN	1B33G7064A	1B33-G006-S369A	H25121
F1.1SN	1B33G7064B	1B33-G006-S369B	H25121
F1.1SN	1B33G7065A	1B33-G006-S370A	H25121
F1.1SN	1B33G7065B	1B33-G006-S370B	H25121
F1.1SN	1B33G7066A	1B33-G006-S371A	H25121
F1.1SN	1B33G7066B	1B33-G006-S371B	H25121
F1.1SN	1B33G7067A	1B33-G006-S372A	H25121
F1.1SN	1B33G7067B	1B33-G006-S372B	H25121
F1.1SN	1B33G7068A	1B33-G006-S373A	H25121
F1.1SN	1B33G7068B	1B33-G006-S373B	H25121
F1.1SN	1B33G7069A	1B33-G006-S374A	H25121
F1.1SN	1B33G7069B	1B33-G006-S374B	H25121
F1.1SN	1B33G7070A	1B33-G006-S375A	H25121
F1.1SN	1B33G7070B	1B33-G006-S375B	H25121
	1B33H0007	1B33-H0007	M23221
F1.2SN	1C11H0659	1C11-H0659	M14121
F1.2SN	1C11H0661	1C11-H0661	M14121
F1.2SN	1C11H0662	1C11-H0662	M14122
F1.2SN	1C11H0663	1C11-H0663	M14121
	1C11H0664	1C11-H0664	M15121
F1.2SN	1C11H0666	1C11-H0666	M14121
	1C11H0671	1C11-H0671	M15121
F1.2SN	1C11H0673	1C11-H0673	M14121
F1.2SN	1C11H0675	1C11-H0675	M14121
	1C11H0693	1C11-H0693	M11111
	1C11H0694	1C11-H0694	M11111
	1C11H3081	1C11-H3081	M13121
	1C11H3085	1C11-H3085	M13121
F1.2SN	1C11H5013	1C11-H5013	M14121
F1.2SN	1C11H5014	1C11-H5014	M14121
F1.1SN	1C41H0067	1C41-H0067	M21221
F1.1SN	1C41H0109	1C41-H0109 (TANDEM)	M23221
F1.1SN	1C41H0110	1C41-H0110	M21221
	1C41H3002	1C41-H3002	M13211
	1C41H3035	1C41-H3035	M12211
F1.1SN	1C41H5000	1C41-H5000	M22221
F1.1SN	1C41H5001	1C41-H5001	M22221
F1.1SN	1C41H5002	1C41-H5002	M24221
F1.1SN	1C41H5003	1C41-H5003	M21221
F1.1SN	1C41H5005	1C41-H5005	M21221
	1C41H5020	1C41-H5020	M11211
F1.1SN	1E12H0004	1E12-H0004	M26221

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
F1.1SN	1E12H0005	1E12-H0005	M26221
F1.1SN	1E12H0006	1E12-H0006	M26221
F1.1SN	1E12H0007	1E12-H0007	M26221
F1.1SN	1E12H0010	1E12-H0010	M26221
F1.1SN	1E12H0011	1E12-H0011	M26221
F1.1SN	1E12H0012	1E12-H0012	M26221
F1.1SN	1E12H0015	1E12-H0015	M25221
F1.1SN	1E12H0016	1E12-H0016	M26221
F1.1SN	1E12H0017	1E12-H0017	M26221
F1.1SN	1E12H0018	1E12-H0018	M25221
F1.1SN	1E12H0026	1E12-H0026	M25221
F1.1SN	1E12H0030	1E12-H0030	M25221
F1.1SN	1E12H0035	1E12-H0035	M15221
F1.1SN	1E12H0036	1E12-H0036	M15221
F1.2SN	1E12H0039	1E12-H0039	M15211
F1.2SN	1E12H0045	1E12-H0045 (TANDEM)	M14211
F1.1SN	1E12H0046	1E12-H0046	M24221
F1.1SN	1E12H0047	1E12-H0047	M25221
F1.1SN	1E12H0049	1E12-H0049	M25211
F1.1SN	1E12H0051	1E12-H0051	M16211
F1.3SN	1E12H0060	1E12-H0060 (TANDEM)	M14211
	1E12H0068	1E12-H0068 (TANDEM)	M14211
	1E12H0073	1E12-H0073 (TANDEM)	M15211
F1.1SN	1E12H0074	1E12-H0074	M26221
F1.2SN	1E12H0104	1E12-H0104	M15211
F1.2SN	1E12H0105	1E12-H0105	M15211
F1.2SN	1E12H0106	1E12-H0106	M16211
F1.2SN	1E12H0108	1E12-H0108	M16211
F1.2SN	1E12H0109	1E12-H0109	P14211
F1.2SN	1E12H0110	1E12-H0110	M13211
F1.2SN	1E12H0115	1E12-H0115	M16211
F1.2SN	1E12H0116	1E12-H0116 (TANDEM)	M16211
F1.2SN	1E12H0122	1E12-H0122 (TANDEM)	M16211
F1.2SN	1E12H0124	1E12-H0124	M16211
F1.2SN	1E12H0162	1E12-H0162	M12211
F1.2SN	1E12H0164	1E12-H0164	M14211
F1.2SN	1E12H0165	1E12-H0165	M15211
F1.2SN	1E12H0169	1E12-H0169 (TANDEM)	M15211
F1.2SN	1E12H0170	1E12-H0170	M16211
F1.2SN	1E12H0171	1E12-H0171	M16211
F1.2SN	1E12H0172	1E12-H0172	M15211
F1.2SN	1E12H0180	1E12-H0180	M13211
F1.2SN	1E12H0190	1E12-H0190	M13221
F1.2SN	1E12H0192	1E12-H0192	M14221
F1.2SN	1E12H0195	1E12-H0195	M14211
	1E12H0205	1E12-H0205	M14211
F1.2SN	1E12H0211	1E12-H0211	M15221
F1.2SN	1E12H0213	1E12-H0213	M15221
F1.2SN	1E12H0234	1E12-H0234	M15211
F1.2SN	1E12H0255	1E12-H0255	M15211

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
F1.2SN	1E12H0256	1E12-H0256	M15211
F1.2SN	1E12H0257	1E12-H0257	M15211
F1.2SN	1E12H0263	1E12-H0263 (TANDEM)	M15211
F1.2SN	1E12H0264	1E12-H0264	M15211
F1.2SN	1E12H0280	1E12-H0280	M25221
F1.2SN	1E12H0284	1E12-H0284	M25221
F1.2SN	1E12H0288	1E12-H0288	M15211
F1.2SN	1E12H0289	1E12-H0289	M15211
F1.2SN	1E12H0290	1E12-H0290	M15211
F1.2SN	1E12H0292	1E12-H0292	M15211
F1.2SN	1E12H0293	1E12-H0293 (TANDEM)	M14211
F1.2SN	1E12H0295	1E12-H0295	M16211
F1.2SN	1E12H0303	1E12-H0303	M14211
F1.2SN	1E12H0305	1E12-H0305	M15211
F1.2SN	1E12H0309	1E12-H0309	M15211
F1.2SN	1E12H0310	1E12-H0310	M15211
F1.2SN	1E12H0313	1E12-H0313	M16211
F1.2SN	1E12H0314	1E12-H0314	M16211
F1.2SN	1E12H0315	1E12-H0315	M11211
F1.2SN	1E12H0316	1E12-H0316	M11211
F1.2SN	1E12H0317	1E12-H0317	M13211
F1.2SN	1E12H0318	1E12-H0318	M13211
F1.2SN	1E12H0322	1E12-H0322	M15211
F1.2SN	1E12H0323	1E12-H0323 (TANDEM)	M15211
F1.2SN	1E12H0324	1E12-H0324	M15211
F1.2SN	1E12H0325	1E12-H0325	M15211
F1.2SN	1E12H0333	1E12-H0333	M14211
F1.2SN	1E12H0339	1E12-H0339	M14211
F1.2SN	1E12H0340	1E12-H0340	M13211
F1.2SN	1E12H0344	1E12-H0344	M14211
F1.2SN	1E12H0345	1E12-H0345	M14211
F1.2SN	1E12H0347	1E12-H0347	M13211
F1.2SN	1E12H0349	1E12-H0349	M25221
F1.2SN	1E12H0359	1E12-H0359	M16211
F1.2SN	1E12H0360	1E12-H0360	M16211
F1.2SN	1E12H0361	1E12-H0361	M11211
F1.2SN	1E12H0362	1E12-H0362	M11211
F1.2SN	1E12H0365	1E12-H0365	M15211
F1.2SN	1E12H0367	1E12-H0367	M12211
F1.2SN	1E12H0368	1E12-H0368	M15211
F1.2SN	1E12H0370	1E12-H0370	M15211
F1.2SN	1E12H0373	1E12-H0373	M16211
F1.2SN	1E12H0374	1E12-H0374	M15211
F1.2SN	1E12H0375	1E12-H0375	M15211
F1.2SN	1E12H0376	1E12-H0376	M16211
F1.2SN	1E12H0377	1E12-H0377	M15211
F1.2SN	1E12H0378	1E12-H0378	M15211
F1.2SN	1E12H0379	1E12-H0379	M15211
F1.2SN	1E12H0382	1E12-H0382	M13211
F1.2SN	1E12H0383	1E12-H0383	M13211

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
F1.2SN	1E12H0385	1E12-H0385	M15211
F1.2SN	1E12H0386	1E12-H0386	M16211
F1.2SN	1E12H0388	1E12-H0388	M15211
F1.2SN	1E12H0389	1E12-H0389	M25211
F1.2SN	1E12H0391	1E12-H0391	M15211
F1.2SN	1E12H0392	1E12-H0392	M15211
F1.2SN	1E12H0393	1E12-H0393	M25211
F1.2SN	1E12H0394	1E12-H0394	M25211
F1.2SN	1E12H0407	1E12-H0407	M14211
F1.2SN	1E12H0408	1E12-H0408	M14211
F1.2SN	1E12H0410	1E12-H0410	M16211
F1.2SN	1E12H0414	1E12-H0414	M13211
F1.1SN	1E12H0416	1E12-H0416	M15221
F1.1SN	1E12H0418	1E12-H0418	M15221
F1.1SN	1E12H0419	1E12-H0419	M14221
F1.2SN	1E12H0421	1E12-H0421	M13211
F1.2SN	1E12H0422	1E12-H0422	M14211
F1.2SN	1E12H0423	1E12-H0423	M14211
F1.2SN	1E12H0424	1E12-H0424	M15211
F1.2SN	1E12H0425	1E12-H0425	M15211
F1.2SN	1E12H0427	1E12-H0427	M15211
F1.2SN	1E12H0428	1E12-H0428	M15211
	1E12H0429	1E12-H0429	M15211
F1.2SN	1E12H0430	1E12-H0430	M15211
	1E12H0431	1E12-H0431	M15211
F1.2SN	1E12H0435	1E12-H0435	M14221
F1.2SN	1E12H0437	1E12-H0437	M14221
F1.2SN	1E12H0439	1E12-H0439	M14221
F1.2SN	1E12H0440	1E12-H0440	M14221
F1.2SN	1E12H0441	1E12-H0441	M14221
F1.2SN	1E12H0447	1E12-H0447 (TANDEM)	M14221
F1.2SN	1E12H0449	1E12-H0449	M15211
F1.2SN	1E12H0455	1E12-H0455	M15221
F1.2SN	1E12H0457	1E12-H0457	M13221
F1.2SN	1E12H0459	1E12-H0459	M14221
F1.2SN	1E12H0460	1E12-H0460 (TANDEM)	M14221
F1.2SN	1E12H0462	1E12-H0462	M14221
F1.2SN	1E12H0466	1E12-H0466 (TANDEM)	M14221
F1.2SN	1E12H0467	1E12-H0467 (TANDEM)	M14221
F1.2SN	1E12H0484	1E12-H0484	M15211
F1.2SN	1E12H0485	1E12-H0485	M15211
F1.2SN	1E12H0486	1E12-H0486	M15211
F1.2SN	1E12H0488	1E12-H0488	M14211
F1.2SN	1E12H0490	1E12-H0490	M11211
F1.2SN	1E12H0491	1E12-H0491	M11211
F1.2SN	1E12H0492	1E12-H0492	M11211
F1.2SN	1E12H0496	1E12-H0496	M15211
F1.2SN	1E12H0497	1E12-H0497	M15211
F1.2SN	1E12H0498	1E12-H0498 (TANDEM)	M14211
F1.2SN	1E12H0500	1E12-H0500	M16211

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
F1.2SN	1E12H0501	1E12-H0501	M15211
F1.2SN	1E12H0502	1E12-H0502	M15211
F1.2SN	1E12H0503	1E12-H0503	M15211
F1.2SN	1E12H0506	1E12-H0506 (TANDEM)	M14211
F1.2SN	1E12H0510	1E12-H0510	M13212
F1.2SN	1E12H0511	1E12-H0511	M13212
F1.2SN	1E12H0512	1E12-H0512	M13212
F1.2SN	1E12H0513	1E12-H0513	M13212
	1E12H0518	1E12-H0518	M11221
	1E12H0520	1E12-H0520	M12221
	1E12H0521	1E12-H0521	M11221
	1E12H0522	1E12-H0522	M13221
	1E12H0523	1E12-H0523	M12221
F1.2SN	1E12H0526	1E12-H0526	M15211
F1.2SN	1E12H0528	1E12-H0528	M16211
F1.2SN	1E12H0533	1E12-H0533	M15211
F1.2SN	1E12H0535	1E12-H0535	M15211
	1E12H0538	1E12-H0538	M13221
	1E12H0539	1E12-H0539	M13221
	1E12H0542	1E12-H0542	M12221
F1.2SN	1E12H0545	1E12-H0545	M13221
F1.2SN	1E12H0546	1E12-H0546	M13221
F1.2SN	1E12H0551	1E12-H0551	M15211
F1.2SN	1E12H0554	1E12-H0554	M15211
F1.2SN	1E12H0555	1E12-H0555	M16211
F1.2SN	1E12H0556	1E12-H0556 (TANDEM)	M15211
F1.2SN	1E12H0557	1E12-H0557	M15211
F1.2SN	1E12H0558	1E12-H0558	M15211
F1.2SN	1E12H0560	1E12-H0560 (TANDEM)	M15211
F1.2SN	1E12H0561	1E12-H0561	M14211
F1.2SN	1E12H0565	1E12-H0565 (TANDEM)	M14221
F1.2SN	1E12H0567	1E12-H0567	M15221
	1E12H0568	1E12-H0568	M14221
F1.2SN	1E12H0569	1E12-H0569	M16211
F1.2SN	1E12H0570	1E12-H0570	M16211
F1.2SN	1E12H0571	1E12-H0571	M16211
	1E12H0580	1E12-H0580 (TANDEM)	M13221
	1E12H0581	1E12-H0581	M15221
	1E12H0582	1E12-H0582	M15221
	1E12H0583	1E12-H0583	M14221
	1E12H0585	1E12-H0585	M14211
	1E12H0586	1E12-H0586	M14211
	1E12H0587	1E12-H0587	M14211
	1E12H0588	1E12-H0588 (TANDEM)	M14211
	1E12H0590	1E12-H0590	M14211
	1E12H0591	1E12-H0591	M14211
	1E12H0595	1E12-H0595	M15211
	1E12H0597	1E12-H0597 (TANDEM)	M13211
	1E12H0599	1E12-H0599	M14211
	1E12H0601	1E12-H0601	M14211

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
	1E12H0602	1E12-H0602	M14211
	1E12H0603	1E12-H0603	M14211
	1E12H0604	1E12-H0604	M13211
	1E12H0605	1E12-H0605	M15211
	1E12H0606	1E12-H0606	M14211
F1.2SN	1E12H0616	1E12-H0616	M15211
F1.2SN	1E12H0617	1E12-H0617	M15211
	1E12H0623	1E12-H0623	M15211
F1.1SN	1E12H0652	1E12-H0652	M16211
F1.1SN	1E12H0653	1E12-H0653	M15211
F1.1SN	1E12H0660	1E12-H0660 (TANDEM)	M16211
F1.2SN	1E12H0666	1E12-H0666	M14211
	1E12H0668	1E12-H0668	M14211
F1.1SN	1E12H0671	1E12-H0671 (TANDEM)	M26221
F1.2SN	1E12H0679	1E12-H0679	M12211
F1.2SN	1E12H0680	1E12-H0680	M12211
F1.2SN	1E12H0681	1E12-H0681	M14211
F1.2SN	1E12H0682	1E12-H0682	M14211
F1.2SN	1E12H0694	1E12-H0694	M15211
F1.3SN	1E12H0699	1E12-H0699	M16211
F1.2SN	1E12H0710	1E12-H0710	M15211
F1.2SN	1E12H0712	1E12-H0712	M14211
F1.1SN	1E12H0726	1E12-H0726	P27221
F1.2SN	1E12H0729	1E12-H0729	M26211
F1.2SN	1E12H0730	1E12-H0730	M16211
F1.2SN	1E12H0731	1E12-H0731	M26211
F1.2SN	1E12H0734	1E12-H0734	M16211
F1.1SN	1E12H0736	1E12-H0736	M16221
F1.2SN	1E12H0737	1E12-H0737	M15211
F1.2SN	1E12H0738	1E12-H0738	M15211
F1.1SN	1E12H0741	1E12-H0741 (TANDEM)	M25221
F1.1SN	1E12H0747	1E12-H0747	M14211
F1.1SN	1E12H0749	1E12-H0749	M26221
F1.1SN	1E12H0750	1E12-H0750	M26221
F1.2SN	1E12H0751	1E12-H0751	M15211
F1.2SN	1E12H0752	1E12-H0752	M14211
	1E12H0754	1E12-H0754	M12211
	1E12H0756	1E12-H0756	M15211
	1E12H0758	1E12-H0758	M14211
	1E12H0759	1E12-H0759	M13211
	1E12H0760	1E12-H0760	M13221
	1E12H0761	1E12-H0761 (TANDEM)	M14221
	1E12H0762	1E12-H0762	M13211
F1.1SN	1E12H0764	1E12-H0764	M26221
F1.1SN	1E12H0765	1E12-H0765	M26221
F1.1SN	1E12H0766	1E12-H0766 (TANDEM)	M26221
F1.2SN	1E12H0769	1E12-H0769	M16211
F1.2SN	1E12H0770	1E12-H0770	M15211
F1.2SN	1E12H0771	1E12-H0771	M16211
F1.2SN	1E12H0772	1E12-H0772	M16211

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
F1.2SN	1E12H0774	1E12-H0774	M25221
F1.1SN	1E12H0777	1E12-H0777	M25221
F1.2SN	1E12H0779	1E12-H0779	M13211
F1.2SN	1E12H0780	1E12-H0780	M14211
F1.2SN	1E12H0781	1E12-H0781	M12221
F1.2SN	1E12H0782	1E12-H0782 (TANDEM)	M13221
F1.2SN	1E12H0787	1E12-H0787	M14211
F1.2SN	1E12H0788	1E12-H0788	M14211
	1E12H1037	1E12-H1037	M11211
	1E12H1038	1E12-H1038	M11211
	1E12H1039	1E12-H1039	M11211
	1E12H1043	1E12-H1043	M21221
	1E12H1051	1E12-H1051	M11211
	1E12H2019	1E12-H2019	M11211
	1E12H2023	1E12-H2023	M12211
	1E12H2028	1E12-H2028	M12211
	1E12H2051	1E12-H2051	M11221
	1E12H2073	1E12-H2073	M11221
	1E12H2075	1E12-H2075	M11221
	1E12H2119	1E12-H2119	M11221
	1E12H2138	1E12-H2138	M11211
	1E12H2139	1E12-H2139	M11211
	1E12H2140	1E12-H2140	M11211
	1E12H2142	1E12-H2142	M11211
	1E12H2143	1E12-H2143	M11211
	1E12H2144	1E12-H2144	M11211
	1E12H2146	1E12-H2146	M11211
	1E12H2150	1E12-H2150	M11211
	1E12H2161	1E12-H2161	M11211
	1E12H2220	1E12-H2220	M11211
	1E12H2222	1E12-H2222	M11211
	1E12H2229	1E12-H2229	M11221
	1E12H2236	1E12-H2236	M21221
	1E12H2256	1E12-H2256	M21221
	1E12H2258	1E12-H2258	M11211
	1E12H2259	1E12-H2259	M11211
	1E12H2268	1E12-H2268	M11221
	1E12H2276	1E12-H2276	M11211
	1E12H2291	1E12-H2291	M11211
	1E12H2294	1E12-H2294	M11211
	1E12H2297	1E12-H2297	M11211
	1E12H2299	1E12-H2299	M12211
	1E12H2302	1E12-H2302	M12211
F1.1SN	1E12H5000	1E12-H5000 (TANDEM)	M14221
F1.1SN	1E12H5001	1E12-H5001	M16221
F1.2SN	1E12H5002	1E12-H5002	M15221
	1E15H0110	1E15-H0110	M15211
F1.1SN	1E21H0001	1E21-H0001	M23221
F1.1SN	1E21H0002	1E21-H0002	M23221
F1.1SN	1E21H0004	1E21-H0004	M26221

ITEM NO.	MPL NO.	HANGER -- MARK NO.	CATEGORY NO.
F1.1SN	1E21H0007	1E21-H0007	M15221
F1.1SN	1E21H0008	1E21-H0008	M15221
F1.1SN	1E21H0011	1E21-H0011	M15221
F1.1SN	1E21H0012	1E21-H0012	M14221
F1.1SN	1E21H0015	1E21-H0015	M14221
F1.1SN	1E21H0016	1E21-H0016	M15221
	1E21H0024	1E21-H0024	M15211
F1.2SN	1E21H0026	1E21-H0026	M15211
F1.2SN	1E21H0028	1E21-H0028	M16211
F1.2SN	1E21H0030	1E21-H0030 (TANDEM)	M15211
F1.2SN	1E21H0038	1E21-H0038	M14211
F1.2SN	1E21H0039	1E21-H0039	M14211
F1.2SN	1E21H0040	1E21-H0040	M14211
F1.2SN	1E21H0042	1E21-H0042	M14211
	1E21H0044	1E21-H0044	M14211
	1E21H0047	1E21-H0047	M14211
F1.2SN	1E21H0050	1E21-H0050 (TANDEM)	M16211
F1.2SN	1E21H0053	1E21-H0053	M14211
F1.1SN	1E21H0060	1E21-H0060	M15221
F1.1SN	1E21H0061	1E21-H0061	M15221
F1.1SN	1E21H0062	1E21-H0062	M15221
F1.1SN	1E21H0063	1E21-H0063	M15221
F1.2SN	1E21H0065	1E21-H0065	M15211
F1.2SN	1E21H0066	1E21-H0066	M15211
F1.2SN	1E21H0067	1E21-H0067	M14211
F1.2SN	1E21H0069	1E21-H0069	M15211
	1E21H0071	1E21-H0071	M14212
	1E21H0072	1E21-H0072	M11211
F1.2SN	1E21H0079	1E21-H0079	M13211
F1.2SN	1E21H0084	1E21-H0084	M15211
	1E21H0091	1E21-H0091	M14212
F1.2SN	1E21H0096	1E21-H0096	M14211
	1E21H1019	1E21-H1019	M11211
F1.1SN	1E22H0001	1E22-H0001	M23221
F1.1SN	1E22H0002	1E22-H0002	M23221
F1.1SN	1E22H0005	1E22-H0005	M26221
F1.1SN	1E22H0007	1E22-H0007	M15221
F1.1SN	1E22H0008	1E22-H0008	M15221
F1.1SN	1E22H0010	1E22-H0010	M15221
F1.1SN	1E22H0011	1E22-H0011	M14221
F1.1SN	1E22H0015	1E22-H0015	M16221
F1.1SN	1E22H0017	1E22-H0017	M15221
	1E22H0021	1E22-H0021	M14211
	1E22H0024	1E22-H0024	M14211
F1.2SN	1E22H0032	1E22-H0032	M14211
F1.2SN	1E22H0034	1E22-H0034	M15211
F1.2SN	1E22H0035	1E22-H0035	M15211
F1.2SN	1E22H0037	1E22-H0037	M14211
F1.2SN	1E22H0038	1E22-H0038	M14211
F1.2SN	1E22H0047	1E22-H0047	M15211

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
F1.2SN	1E22H0053	1E22-H0053	M14211
F1.2SN	1E22H0054	1E22-H0054	M16211
F1.2SN	1E22H0057	1E22-H0057	M14211
F1.2SN	1E22H0060	1E22-H0060	M15211
F1.2SN	1E22H0064	1E22-H0064	M15211
F1.2SN	1E22H0066	1E22-H0066 (TANDEM)	M14211
F1.2SN	1E22H0067	1E22-H0067	M14211
F1.2SN	1E22H0070	1E22-H0070	M16211
F1.2SN	1E22H0081	1E22-H0081	M14211
	1E22H0087	1E22-H0087	M16211
	1E22H0089	1E22-H0089	M14211
	1E22H0090	1E22-H0090	M14211
F1.2SN	1E22H0105	1E22-H0105	M15211
F1.2SN	1E22H0107	1E22-H0107 (TANDEM)	M14211
F1.1SN	1E22H0118	1E22-H0118	M15221
F1.1SN	1E22H0119	1E22-H0119	M15211
F1.2SN	1E22H0122	1E22-H0122	M15211
	1E22H0123	1E22-H0123	M16211
F1.3SN	1E22H0134	1E22-H0134	M13221
F1.3SN	1E22H0135	1E22-H0135	M13221
F1.3SN	1E22H5000	1E22-H5000	M13221
	1E32H0003	1E32-H0003	M11221
	1E32H0008	1E32-H0008	M12221
	1E32H0035	1E32-H0035	M11221
	1E32H0036	1E32-H0036	M11221
	1E32H0037	1E32-H0037	M11221
	1E32H0038	1E32-H0038	M11221
	1E32H0039	1E32-H0039	M11221
	1E32H0040	1E32-H0040	M11221
	1E32H0041	1E32-H0041	M11221
	1E32H0042	1E32-H0042	M11221
	1E32H0045	1E32-H0045	M11221
	1E32H0046	1E32-H0046	M11221
	1E32H0048	1E32-H0048	M11221
	1E32H0053	1E32-H0053	M13221
	1E32H0054	1E32-H0054	M13221
	1E32H0055	1E32-H0055	M13221
	1E32H0056	1E32-H0056	M13221
	1E32H0063	1E32-H0063	M12221
	1E32H0064	1E32-H0064	M13221
	1E32H0065	1E32-H0065	M12221
	1E32H0066	1E32-H0066	M12221
	1E32H0067	1E32-H0067	M11221
	1E32H0068	1E32-H0068	M11221
	1E32H0070	1E32-H0070	M12221
	1E32H0071	1E32-H0071	M12221
	1E32H0072	1E32-H0072	M12221
	1E32H0073	1E32-H0073	M12221
	1E32H0074	1E32-H0074	M11221
	1E32H0076	1E32-H0076	M11221

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
	1E32H0078	1E32-H0078	M11221
	1E32H0080	1E32-H0080	M11221
	1E32H0084	1E32-H0084 (TANDEM)	M21221
	1E32H0086	1E32-H0086 (TANDEM)	M21221
	1E32H0088	1E32-H0088	M22221
	1E32H0090	1E32-H0090	M23221
F1.1SN	1E32H0094	1E32-H0094	M23221
	1E32H0095	1E32-H0095	M22221
	1E32H0096	1E32-H0096	M21221
	1E32H0097	1E32-H0097	M23221
F1.1SN	1E32H0101	1E32-H0101	M22221
F1.1SN	1E32H0102	1E32-H0102	M23221
F1.1SN	1E32H0105	1E32-H0105	M23221
	1E32H0106	1E32-H0106	M23221
	1E32H0107	1E32-H0107	M22221
	1E32H0110	1E32-H0110 (TANDEM)	M21221
	1E32H0112	1E32-H0112	M23221
	1E32H0113	1E32-H0113 (TANDEM)	M21221
	1E32H0117	1E32-H0117 (TANDEM)	M21221
	1E32H0118	1E32-H0118	M21221
	1E32H0120	1E32-H0120 (TANDEM)	M22221
	1E32H0121	1E32-H0121	M23221
F1.1SN	1E32H0124	1E32-H0124	M23221
F1.1SN	1E32H0125	1E32-H0125	M24221
	1E32H0132	1E32-H0132 (TANDEM)	M22211
	1E32H0150	1E32-H0150	M21211
	1E32H0151	1E32-H0151	M23211
	1E32H0152	1E32-H0152	M23211
	1E32H0154	1E32-H0154	M23221
	1E32H0156	1E32-H0156 (TANDEM)	M22221
	1E32H0158	1E32-H0158 (TANDEM)	M22221
	1E32H0160	1E32-H0160 (TANDEM)	M22221
	1E32H0184	1E32-H0184	M21211
	1E32H0187	1E32-H0187	M21211
	1E32H0189	1E32-H0189	M21211
	1E32H0190	1E32-H0190	M21211
	1E32H0195	1E32-H0195 (TANDEM)	M21221
	1E32H0197	1E32-H0197	M22221
	1E32H0201	1E32-H0201	M21221
	1E32H0203	1E32-H0203	M21221
	1E32H0205	1E32-H0205	M22221
	1E32H0207	1E32-H0207	M21221
	1E32H0215	1E32-H0215	M21221
	1E32H0226	1E32-H0226	M22211
	1E32H0231	1E32-H0231	M21211
	1E32H0234	1E32-H0234	M21211
	1E32H0237	1E32-H0237	M21211
	1E32H0243	1E32-H0243	M21211
	1E32H0246	1E32-H0246	M21211
	1E32H0247	1E32-H0247	M21211

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
	1E32H0250	1E32-H0250	M21211
	1E32H0251	1E32-H0251	M21211
	1E32H0258	1E32-H0258	M22221
	1E32H0260	1E32-H0260	M22221
	1E32H0261	1E32-H0261	M21211
	1E32H0262	1E32-H0262	M23221
	1E32H0268	1E32-H0268	M12221
	1E32H2002	1E32-H2002	M11221
	1E32H2006	1E32-H2006	M11221
	1E32H5003	1E32-H5003	M13221
	1E51H0002	1E51-H0002	M14221
F1.2SN	1E51H0008	1E51-H0008	M13221
	1E51H0036	1E51-H0036	M15221
	1E51H0053	1E51-H0053	M13221
F1.2SN	1E51H0056	1E51-H0056	M11221
F1.2SN	1E51H0057	1E51-H0057	M13211
	1E51H0062	1E51-H0062 (TANDEM)	M13211
F1.1SN	1E51H0072	1E51-H0072	P24221
F1.1SN	1E51H0073	1E51-H0073	P24221
F1.1SN	1E51H0074	1E51-H0074	P24221
	1E51H0105	1E51-H0105	M11221
	1E51H0106	1E51-H0106	M12221
F1.1SN	1E51H0110	1E51-H0110	M25221
F1.1SN	1E51H0111	1E51-H0111	M25221
	1E51H0122	1E51-H0122	M14221
	1E51H0132	1E51-H0132	M14221
	1E51H0134	1E51-H0134	M11221
	1E51H0135	1E51-H0135	M13221
F1.2SN	1E51H0156	1E51-H0156	M13221
	1E51H0168	1E51-H0168 (TANDEM)	M13221
	1E51H1018	1E51-H1018	M12211
	1E51H1020	1E51-H1020	M13211
	1E51H1031	1E51-H1031	M12211
	1E51H2028	1E51-H2028	M11221
	1E51H2069	1E51-H2069	P22221
	1E51H2074	1E51-H2074	M11221
	1E51H2076	1E51-H2076	P22221
	1E51H2078	1E51-H2078	P21221
	1E61H0047	1E61-H0047	M15211
	1E61H0058	1E61-H0058	M13211
	1E61H1005	1E61-H1005	M11211
	1E61H1011	1E61-H1011	M11211
	1E61H1015	1E61-H1015 (TANDEM)	M21211
	1G33H0001	1G33-H0001	M25121
	1G33H0002	1G33-H0002	M23121
	1G33H0003	1G33-H0003	M23121
	1G33H0004	1G33-H0004	M23121
	1G33H0005	1G33-H0005	M23121
	1G33H0032	1G33-H0032	M24121
	1G33H0037	1G33-H0037	M24121

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
	1G33H0048	1G33-H0048	M24121
	1G33H0049	1G33-H0049	M24121
	1G33H0052	1G33-H0052	M24121
	1G33H0054	1G33-H0054	M24121
	1G33H0056	1G33-H0056	M23121
	1G33H0057	1G33-H0057 (TANDEM)	M23121
F1.50	1G33H0142	1G33-H0142	M25121
F1.50	1G33H0144	1G33-H0144	M24121
F1.50	1G33H0146	1G33-H0146	M24121
	1G33H0147	1G33-H0147	M24121
	1G33H0149	1G33-H0149	M14121
	1G33H0158	1G33-H0158 (TANDEM)	M13121
	1G33H0160	1G33-H0160 (TANDEM)	M14121
	1G33H0163	1G33-H0163	M14121
	1G33H0171	1G33-H0171	M13121
	1G33H0175	1G33-H0175	M24121
	1G33H0176	1G33-H0176	M24121
	1G33H0177	1G33-H0177	M23121
	1G33H0199	1G33-H0199	M23121
	1G33H0200	1G33-H0200	M24121
	1G33H0202	1G33-H0202	M24121
F1.2SN	1G33H0215	1G33-H0215	M24121
F1.2SN	1G33H0216	1G33-H0216	M24121
F1.2SN	1G33H0217	1G33-H0217	M25121
F1.2SN	1G33H0218	1G33-H0218	M25121
F1.2SN	1G33H0219	1G33-H0219	M25121
F1.2SN	1G33H0220	1G33-H0220	M25121
F1.2SN	1G33H0221	1G33-H0221	M25121
F1.2SN	1G33H0222	1G33-H0222	M25121
F1.2SN	1G33H0223	1G33-H0223	M25121
F1.2SN	1G33H0224	1G33-H0224 (TANDEM)	M25121
	1G33H0228	1G33-H0228 (TANDEM)	M23121
	1G33H0234	1G33-H0234	M23121
	1G33H0236	1G33-H0236	M14121
	1G33H0237	1G33-H0237	M14121
F1.2SN	1G33H0239	1G33-H0239	M24121
F1.2SN	1G33H0240	1G33-H0240	M24121
	1G33H0250	1G33-H0250	M24121
	1G33H0268	1G33-H0268 (TANDEM)	M24121
F1.2SN	1G33H0269	1G33-H0269	M23121
	1G33H0272	1G33-H0272	M13121
F1.1SN	1G33H0276	1G33-H0276	M22121
F1.1SN	1G33H0277	1G33-H0277	P22121
F1.1SN	1G33H0279	1G33-H0279	M22122
F1.1SN	1G33H0280	1G33-H0280	P22122
F1.3SN	1G41H0012	1G41-H0012 (TANDEM)	M12211
F1.3SN	1G41H0025	1G41-H0025	M13211
F1.3SN	1G41H0037	1G41-H0037 (TANDEM)	M14211
F1.3SN	1G41H0048	1G41-H0048	M16211
F1.3SN	1G41H0050	1G41-H0050	M14211

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
F1.3SN	1G41H0051	1G41-H0051	M14211
F1.3SN	1G41H0059	1G41-H0059	M14211
F1.3SN	1G41H0068	1G41-H0068	M14211
F1.3SN	1G41H0070	1G41-H0070	M13211
F1.3SN	1G41H0119	1G41-H0119	M14211
F1.3SN	1G41H0121	1G41-H0121	M16211
	1G41H0138	1G41-H0138	M14211
	1G41H0143	1G41-H0143	M14211
	1G41H0145	1G41-H0145	M15211
	1G41H0149	1G41-H0149	M15211
	1G41H0151	1G41-H0151 (TANDEM)	M14211
F1.3SN	1G41H0170	1G41-H0170	M15211
F1.3SN	1G41H0171	1G41-H0171	M15211
F1.3SN	1G41H0179	1G41-H0179	M14211
	1G41H0181	1G41-H0181	M15211
	1G41H0182	1G41-H0182	M15211
	1G41H0183	1G41-H0183	M14211
	1G41H0185	1G41-H0185	M15211
F1.3SN	1G41H0191	1G41-H0191	M14211
F1.3SN	1G41H0227	1G41-H0227	M14211
F1.3SN	1G41H0228	1G41-H0228 (TANDEM)	M14211
F1.3SN	1G41H0230	1G41-H0230	M14211
F1.3SN	1G41H0232	1G41-H0232	M14211
F1.3SN	1G41H0233	1G41-H0233	M14211
F1.3SN	1G41H0236	1G41-H0236 (TANDEM)	M14211
F1.3SN	1G41H0238	1G41-H0238	M15211
F1.3SN	1G41H0241	1G41-H0241	M14211
F1.3SN	1G41H0242	1G41-H0242 (TANDEM)	M16211
F1.3SN	1G41H0243	1G41-H0243	M14211
F1.3SN	1G41H0301	1G41-H0301	M13211
	1G41H0321	1G41-H0321	M16211
	1G41H0322	1G41-H0322	M16211
	1G41H0330	1G41-H0330	M15211
	1G41H0331	1G41-H0331	M15211
	1G41H0332	1G41-H0332	M16211
	1G41H0333	1G41-H0333	M16211
	1G41H0342	1G41-H0342	M15211
	1G41H0343	1G41-H0343	M15211
	1G41H0344	1G41-H0344	M14211
	1G41H0345	1G41-H0345	M15211
	1G41H0346	1G41-H0346	M15211
	1G41H0352	1G41-H0352	M15211
F1.3SN	1G41H0363	1G41-H0363	M14211
F1.3SN	1G41H0368	1G41-H0368	M16211
F1.3SN	1G41H0369	1G41-H0369	M15211
F1.3SN	1G41H0388	1G41-H0388	M15211
F1.3SN	1G41H0389	1G41-H0389	M15211
	1G41H0397	1G41-H0397	M14211
	1G41H0398	1G41-H0398	M14211
F1.3SN	1G41H0450	1G41-H0450 (TANDEM)	M14211

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
F1.3SN	1G41H0466	1G41-H0466	M13211
	1G41H0472	1G41-H0472	M14211
	1G41H0474	1G41-H0474	M14211
F1.3SN	1G41H0475	1G41-H0475	M15211
	1G41H0478	1G41-H0478	M14211
	1G41H0483	1G41-H0483	M14211
F1.3SN	1G41H0493	1G41-H0493	M14211
F1.3SN	1G41H0494	1G41-H0494	M15211
F1.3SN	1G41H1009	1G41-H1009	P21211
	1G41H1011	1G41-H1011	P21211
	1G41H1025	1G41-H1025	P21211
F1.3SN	1G41H1026	1G41-H1026	P21211
	1G41H5001	1G41-H5001 (TANDEM)	M14211
	1G42H0004	1G42-H0004	M14211
F1.3SN	1G42H0010	1G42-H0010	M14211
F1.3SN	1G42H0013	1G42-H0013	M14211
F1.3SN	1G42H0048	1G42-H0048	M15211
	1G50H0068	1G50-H0068	M22211
	1G61H0038	1G61-H0038	M14211
	1G61H0045	1G61-H0045	M11211
	1H22H0208	1H22-P0004-H1042	M21121
	1H22H0209	1H22-P0004-H1043	M21121
	1H22H0365	1H22-P0004-H1206	M21121
	1H22H0379	1H22-P0004-H1220	M21121
	1H22H0389	1H22-P0004-H1230	M21121
	1H22H0561	1H22-P0005-H1072	M21121
	1H22H0564	1H22-P0005-H1075	M21121
	1H22H1910	1H22-P0015-H1291	M21121
	1H22H1915	1H22-P0015-H1297	M21121
	1H22H2495	1H22-P0026-H1086	M21121
	1H22H2683	1H22-P0027-H1058	M21121
	1H22H2687	1H22-P0027-H1062	M21121
	1H22H2706	1H22-P0027-H1083	M21121
	1H22H2710	1H22-P0027-H1087	M21121
	1H22H2744	1H22-P0027-H1122	P21121
	1H22H2761	1H22-P0027-H1140	M21121
	1H22H2764	1H22-P0027-H1143	M21121
	1H22H4577	1H22-P0021-H0203	M11121
	1H51H0068	1H51-P1368-H0068	M11111
	1H51H0073	1H51-P1368-H0073	M11111
	1H51H0078	1H51-P1368-H0078	M11111
	1H51H0083	1H51-P1368-H0083	M11111
	1H51H0301	1H51-P1370-H3013	M21111
	1M14H0005	1M14-H0005	M15211
	1M14H0007	1M14-H0007	M15211
	1M17H0002	1M17-H0002	M14211
	1M17H0003	1M17-H0003	M14211
	1M17H0005	1M17-H0005	M14211
	1M17H0006	1M17-H0006	M14211
	1M17H0008	1M17-H0008	M14211

ITEM NO.	MFG. NO.	HANGER - MARK NO.	CATEGORY NO.
	1M17H0009	1M17-H0009	M14211
	1M17H0011	1M17-H0011	M14211
	1M17H0012	1M17-H0012	M14211
	1M51H0054	1M51-H0054	M14211
	1M51H0055	1M51-H0055	M12211
	1M51H0068	1M51-H0068	M22211
	1M51H0070	1M51-H0070	M14211
	1M51H0071	1M51-H0071	M12211
	1M51H0089	1M51-H0089	M22211
	1M51H1024	1M51-H1024	M21211
	1M51H1028	1M51-H1028	M12211
	1M51H1031	1M51-H1031	M12211
	1M51H1076	1M51-H1076	M11211
	1N11H0205	1N11-H0205	P27121
	1N11H0206	1N11-H0206	P27121
	1N11H0207	1N11-H0207	P27121
	1N11H0208	1N11-H0208	P27121
	1N11H0278	1N11-H0278	M26121
	1N11H0279	1N11-H0279	M26121
	1N11H0280	1N11-H0280	M26121
	1N11H0281	1N11-H0281	M26121
	1N11H0282	1N11-H0282	M26121
	1N11H0283	1N11-H0283	M26121
	1N11H0284	1N11-H0284	M26121
	1N11H0285	1N11-H0285	M26121
	1N11H0286	1N11-H0286	H25121
	1N11H0287	1N11-H0287	H25121
	1N11H0288	1N11-H0288	H25121
	1N11H0289	1N11-H0289	H25121
	1N11H0290	1N11-H0290	P27121
	1N11H0291	1N11-H0291	P27121
	1N11H0292	1N11-H0292	P27121
	1N11H0293	1N11-H0293	P27121
	1N11H0294	1N11-H0294	P27121
	1N11H0295	1N11-H0295	P27121
	1N11H0357	1N11-H0357	P27121
	1N11H0358	1N11-H0358	P27121
	1N11H0468	1N11-H0468	M26121
	1N11H0469	1N11-H0469	M26121
	1N11H0470	1N11-H0470	M26121
	1N11H0471	1N11-H0471	M26121
	1N11H0472	1N11-H0472	M26121
	1N11H0473	1N11-H0473	M26121
	1N11H0474	1N11-H0474	M26121
	1N11H0475	1N11-H0475	M26121
F1.1SN	1N22H0004	1N22-H0004	M23121
F1.1SN	1N22H0006	1N22-H0006	M24121
F1.1SN	1N22H0008	1N22-H0008	M23121
F1.1SN	1N22H0011	1N22-H0011	M23121
F1.1SN	1N22H0013	1N22-H0013	M23121

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
F1.1SN	1N22H0015	1N22-H0015	M23121
F1.1SN	1N22H0017	1N22-H0017	M23121
	1N22H0025	1N22-H0025	M24121
	1N22H0029	1N22-H0029	M24121
	1N22H0030	1N22-H0030	M24121
	1N22H0036	1N22-H0036	M24121
	1N22H0038	1N22-H0038	M21121
	1N22H0040	1N22-H0040	M21121
	1N22H0044	1N22-H0044	M21121
	1N22H0046	1N22-H0046	M21121
	1N22H0048	1N22-H0048	M21121
	1N22H0050	1N22-H0050	M21121
	1N22H0052	1N22-H0052	M21121
	1N22H0055	1N22-H0055	M21121
	1N22H0056	1N22-H0056	M22121
	1N22H0057	1N22-H0057	M21121
	1N22H0059	1N22-H0059 (TANDEM)	M21121
	1N22H0060	1N22-H0060	M21121
	1N22H0062	1N22-H0062	M21121
	1N22H0064	1N22-H0064	M21121
	1N22H0065	1N22-H0065	M21121
	1N22H0066	1N22-H0066	M21121
	1N22H0068	1N22-H0068	M22121
	1N22H0070	1N22-H0070	M21121
	1N22H0072	1N22-H0072	M21121
	1N22H0074	1N22-H0074	M21121
	1N22H0078	1N22-H0078	M23121
	1N22H0079	1N22-H0079	M21121
	1N22H0081	1N22-H0081	M21121
	1N22H0083	1N22-H0083 (TANDEM)	M21121
	1N22H0084	1N22-H0084 (TANDEM)	M21121
	1N22H0087	1N22-H0087	M21121
	1N22H0089	1N22-H0089	M22121
	1N22H0091	1N22-H0091	M21121
	1N22H0093	1N22-H0093	M21121
	1N22H0095	1N22-H0095	M23121
	1N22H0097	1N22-H0097	M21121
	1N22H0099	1N22-H0099	M21121
	1N22H0100	1N22-H0100	M21121
	1N22H0101	1N22-H0101	M21121
	1N22H0109	1N22-H0109	M23121
	1N22H0111	1N22-H0111	M21121
	1N22H0113	1N22-H0113	M21121
	1N22H0115	1N22-H0115	M21121
	1N22H0116	1N22-H0116	M21121
	1N22H0117	1N22-H0117 (TANDEM)	M21121
	1N22H0119	1N22-H0119 (TANDEM)	M21121
	1N22H0121	1N22-H0121 (TANDEM)	M21121
	1N22H0123	1N22-H0123 (TANDEM)	M21121
F1.1SN	1N22H0126	1N22-H0126	M22121

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
F1.1SN	1N22H0127	1N22-H0127	M23121
F1.1SN	1N22H0128	1N22-H0128	M22121
F1.1SN	1N22H0129	1N22-H0129	M23121
F1.1SN	1N22H0130	1N22-H0130	M24121
F1.1SN	1N22H0131	1N22-H0131	M23121
	1N22H0146	1N22-H0146	M22121
	1N22H0147	1N22-H0147	M22121
F1.1SN	1N22H0148	1N22-H0148	M23121
	1N22H0255	1N22-H0255	M22121
	1N22H0257	1N22-H0257	M22121
	1N22H0259	1N22-H0259	M22121
F1.1SN	1N27H0001	1N27-H0001	M23121
F1.1SN	1N27H0004	1N27-H0004	M23121
F1.1SN	1N27H0005	1N27-H0005	M23121
F1.1SN	1N27H0006	1N27-H0006	M24121
F1.1SN	1N27H0007	1N27-H0007	M24121
F1.1SN	1N27H0013	1N27-H0013	M23121
F1.1SN	1N27H0016	1N27-H0016	M23121
F1.1SN	1N27H0017	1N27-H0017	M23121
F1.1SN	1N27H0018	1N27-H0018	M24121
F1.1SN	1N27H0019	1N27-H0019	M24121
	1N27H0220	1N27-H0220	M26121
	1N27H0221	1N27-H0221	M26121
	1N27H0222	1N27-H0222	P27121
	1N27H0223	1N27-H0223	M26121
	1N27H0224	1N27-H0224	M26121
	1N27H0225	1N27-H0225	P27121
	1N27H0226	1N27-H0226	M26121
	1N27H0227	1N27-H0227	P27121
	1N27H1012	1N27-H1012	M21121
	1N27H1016	1N27-H1016	M21121
	1N27H1068	1N27-H1068	M11121
	1N27H1086	1N27-H1086	M22121
	1N27H1145	1N27-H1145	M21121
	1P11H0063	1P11-H0063	M16211
	1P11H0079	1P11-H0079	M15211
	1P11H0083	1P11-H0083	M15211
	1P11H0085	1P11-H0085	M14211
	1P11H5000	1P11-H5000	M16211
	1P41H0115	1P41-H0115	M16111
	1P41H0121	1P41-H0121	M14111
	1P42H0049	1P42-H0049	M14111
	1P42H0050	1P42-H0050	M14111
	1P42H0051	1P42-H0051	M14111
	1P42H0052	1P42-H0052	M14111
	1P42H0057	1P42-H0057	M14111
	1P42H0058	1P42-H0058 (TANDEM)	M14111
	1P42H0059	1P42-H0059	M14111
	1P42H0060	1P42-H0060	M13111
	1P42H0100	1P42-H0100	M13111

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
	1P42H0154	1P42-H0154	M11111
	1P42H0372	1P42-H0372	M13111
	1P42H0388	1P42-H0388	M13111
	1P42H0401	1P42-H0401	M14111
	1P42H0422	1P42-H0422	M14111
	1P42H0430	1P42-H0430	M13111
	1P43H0047	1P43-H0047 (TANDEM)	M15111
	1P43H0052	1P43-H0052	M14111
F1.3SN	1P45H0097	1P45-H0097	M15111
F1.3SN	1P45H0104	1P45-H0104 (TANDEM)	M14111
F1.3SN	1P45H0126	1P45-H0126	M15111
F1.3SN	1P45H0132	1P45-H0132 (TANDEM)	M14111
F1.3SN	1P45H0176	1P45-H0176 (TANDEM)	M14111
F1.3SN	1P45H0177	1P45-H0177 (TANDEM)	M14111
F1.3SN	1P45H0179	1P45-H0179	M15111
F1.3SN	1P45H0183	1P45-H0183	M15111
F1.3SN	1P45H0185	1P45-H0185 (TANDEM)	M14111
F1.3SN	1P45H0186	1P45-H0186	M15111
F1.3SN	1P45H0192	1P45-H0192	M14111
F1.3SN	1P45H0212	1P45-H0212	M15111
F1.3SN	1P45H0216	1P45-H0216	M14111
F1.3SN	1P45H0222	1P45-H0222	M15111
F1.3SN	1P45H0270	1P45-H0270	H11111
F1.3SN	1P45H0292	1P45-H0292	M14111
F1.3SN	1P45H0353	1P45-H0353 (TANDEM)	M14111
F1.3SN	1P45H0422	1P45-H0422	M16111
F1.3SN	1P45H0440	1P45-H0440	M14111
F1.3SN	1P45H0441	1P45-H0441	M14111
F1.3SN	1P45H0444	1P45-H0444	M14111
F1.3SN	1P45H0445	1P45-H0445	M14111
F1.3SN	1P45H0502	1P45-H0502	M15111
F1.3SN	1P45H0509	1P45-H0509	M15111
F1.3SN	1P45H0510	1P45-H0510	M15111
F1.3SN	1P45H0512	1P45-H0512	M16111
F1.3SN	1P45H0516	1P45-H0516	M15111
F1.3SN	1P45H0521	1P45-H0521	M15111
F1.3SN	1P45H0525	1P45-H0525 (TANDEM)	M14111
F1.3SN	1P45H0526	1P45-H0526	M15111
F1.2SN	1P45H0610	1P45-H0610 (TANDEM)	M15111
F1.2SN	1P45H0611	1P45-H0611	M16111
F1.3SN	1P45H0617	1P45-H0617 (TANDEM)	M14111
F1.3SN	1P45H0684	1P45-H0684	M14111
	1P45H1050	1P45-H1050	M13111
	1P45H1068	1P45-H1068	M13111
	1P45H1233	1P45-H1233	M12111
	1P45H1234	1P45-H1234	M12111
	1P45H1328	1P45-H1328	M11111
F1.3SN	1P47H0278	1P47-H0278	M15111
F1.3SN	1P47H0279	1P47-H0279	M15111
	1P51H0037	1P51-H0037	M12111

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
	1P52H1002	1P52-H1002	M12111
	1P52H1020	1P52-H1020	M13111
	1P54H0035	1P54-H0035	M15211
	1P54H0049	1P54-H0049	M16211
	1P61H0008	1P61-H0008	M12221
	1P61H0009	1P61-H0009	M11221
	1P61H5000	1P61-H5000	M12221
	1P86H3014	1P86-H3014	M11221
F1.3SN	1R48H0027	1R48-H0027 (TANDEM)	M14221
F1.3SN	1R48H0028	1R48-H0028 (TANDEM)	M13221
F1.3SN	1R48H0034	1R48-H0034 (TANDEM)	M14221
F1.3SN	1R48H0035	1R48-H0035 (TANDEM)	M13221
	2G41H0031	2G41-H0031	M14211
F1.3SN	2G41H0033	2G41-H0033	M14211
F1.3SN	2G41H0034	2G41-H0034	M13211
F1.3SN	2G41H0036	2G41-H0036	M14211
F1.3SN	2G41H0038	2G41-H0038	M13211
F1.3SN	2P42H0050	2P42-H0050 (TANDEM)	M14211
F1.3SN	2P42H0052	2P42-H0052	M14211
	2P42H0061	2P42-H0061	M11211
F1.3SN	2P42H0312	2P42-H0312	M14211

8.0 SYSTEM PRESSURE TESTS

The VT-2 Visual Examination is the method of locating system/component boundary leakage. In order to detect leakage, systems must be placed in unique configurations to allow pressurization of the fluid within components. The guidance for establishing proper system conditions are provided within Article 5000, System Pressure Tests, for each component and general subsection of ASME Code, Section XI. Under proper system conditions the VT-2 visual examination will verify the structural integrity and leak tightness of safety-related components.

8.1 Terminology

Pressure Retaining Boundary Material

The component and component items used to maintain the system fluid inside the component pressure retaining components include: Valve (items: body, bonnet and flanged surface), Pump (items: casing, cover and flanged surface), Vessel (items: vessel, upper head, lower head and flanged surface) and piping system (items: piping and branch connections).

Non-Pressure Retaining Boundary Material

Component items manufactured and stamped as pressure retaining material but not classified as boundary material. Non-Pressure retaining material items include: Shafts, Stems, Valve Disks and Seats, Spray Nozzles, Packing, Gaskets, Seals, Insulating Material, Bolting, and Tack/Seal Welds.

Pressure

Pressure is the force or thrust exerted over a surface divided by its area. The unique classification for pressure conditions include:

- | | | |
|-----------------------------|---|--|
| Design Pressure (Pd) | - | That pressure listed by the material certification specification or line specification. |
| Nominal Pressure (Po) | - | That pressure associated with the reactor coolant pressure boundary when the plant is operating at 100% Rated Reactor Power. |
| Normal Pressure (Pn) | - | That pressure associated with the system during normal system operation. |
| Safety Valve Pressure (Psv) | - | That pressure associated with the lowest pressure setting among the number of safety or relief valves provided for overpressure protection within the boundary of the system to be tested. |

System Pressure Tests

Pressure tests are grouped by system operational requirements, associated safety class and frequency. The system pressure test are grouped as:

- Inservice - Conducted on systems (or components) required to operate during normal plant operation while the system is in service under operating pressure.
- Leakage - Conducted following opening and re-closing of a component in the Class 1 system after pressurization to nominal operating pressure.
- Functional - Conducted on systems (or components) not required to operate during normal plant operation. Tests are conducted within the system boundary pressurized under the test mode of systems operations.
- Hydrostatic - Conducted during a plant shutdown at a pressure above nominal operating pressure or system pressure for which overpressure protection is provided.
- Pneumatic - Conducted in lieu of a hydrostatic pressure test for Class 2 and Class 3 components.

8.2 Exemptions

No components within the pressure retaining boundary are exempt or excluded from the examination requirements, except as specified in the subparagraph for repairs and replacement, "where repaired or replaced components are isolable within a portion of the system, only that portion need be pressure tested."

8.3 Test Pressurization Boundaries

Pressurization boundaries are utilized to provide a scope of testing required to satisfy parts to be examined. The boundary limits are generally defined by the location of the safety class interface valves within the system.

1. System Leakage Test

The boundary subject to test pressurization shall extend to the pressure retaining components within the system boundary containing pressurized reactor coolant under the plant mode of normal reactor startup. However, the VT-2 examination shall extend to and include the second closed valve at the boundary extremity.

2. System Functional Test Boundary

The boundary subject to test pressurization shall include only those pressure retaining components within the system boundary pressurized under the test mode required during the performance of a periodic system or component functional test.

3. System Inservice Test Boundary

The boundary subject to test pressurization shall extend to those pressure retaining components under operating pressure during normal system service.

4. System Hydrostatic Test Boundary

The boundary subject to test pressurization shall include:

- a. By the system boundary (or each portion of the boundary) within which the components have the same minimum required classification and are designed to the same primary pressure rating as governed by the system function and the internal fluid operating conditions, respectively.
- b. Systems which share safety functions for different modes of plant operation, and within which the component classifications differ, shall be subject to separate system pressure tests of each portion of the system boundary having the same minimum required component classifications.
- c. Systems designed to operate at different pressures under several modes of plant operation or post accident conditions shall be subject to a system pressure test within the test boundary defined by the operating mode with the higher pressure.
- d. Where the respective system primary pressure ratings on the suction and discharge sides of system pumps differ, the system test boundary shall be divided into two separate boundaries (such as suction side and discharge side test boundaries). In the case of positive displacement pumps, the boundary interface shall be considered as the pump.

8.4 Repair

After repairs by welding on the pressure retaining boundary material a system pressure test shall be performed in accordance with Code Case N-416-1. Items exempted for the system pressure test requirements are: Cladding repairs; heat exchanger tube plugging; piping, pump, and valve repairs that do not penetrate through the pressure boundary; pressure vessel repairs where the repaired cavity does not exceed 10% of the minimum design wall thickness; component connections, piping, and associated valves that are 1 inch nominal pipe size and smaller; and tube-to-tubesheet repair welds where such welds are made on the cladding.

8.5 Replacement

Replacement items shall be required to have proper certification documentation. The items and parts which are exempt from the requirement of replacements are: gaskets; instruments; electrical conducting and insulating material; piping, valves, and fittings 1 inch nominal pipe size and less, except that materials and primary stress levels shall be consistent with the requirements of the applicable Construction Code. Detailed stress analysis and consideration of secondary stress is not required; nonstructural pump and valve internals, except when the original equipment was constructed in accordance with a Construction Code or Code Case; and pump seal package and valve packing.

8.6 Reference Requirements for System Pressure Tests

The following table identifies paragraphs for compliance to the ASME Boiler and Pressure Vessel Code, Section XI, 1983 Edition; through Summer 1983 Addenda with the use of Code Case N-416-1.

ASME CODE CLASS	SYSTEM PRESSURE TESTS	REPAIRS AND REPLACEMENT	EXAMINATION CATEGORY	CORRECTIVE MEASURES
1	IWA-5211(a) IWA-5211(d) IWB-5210	IWA-5000 1992 Edition	Table IWB-2500-1 Category B-P	IWA-5250
2	IWA-5211(a) IWA-5211(d) IWB-5210	IWA-5000 1992 Edition	Table IWC-2500-1 Category C-H	IWA-5250
3	IWA-5211(a) IWA-5211(d) IWB-5210	IWA-5000 1992 Edition	Table IWB-2500-1 Category D-A, D-B, D-C	IWA-5250

8.7 Relief Requests

When compliance to code specified testing requirements are not achievable relief must be requested. The following Pressure Test (PT) Relief Requests have been filed with the NRC:

PR NO.
PT-001 R-1
PT-002 R-1

Perry Nuclear Power Plant Unit 1
RELIEF REQUEST # 001

I. Identification of Components

Class 2 systems/components attached to the Reactor Coolant Pressure Boundary (Class 1) which are not provided with either pressure or test isolation (i.e., instrumentation, drain, vent, and test piping). A list of valve numbers identifies the affected components (i.e., valves, piping systems and instruments).

II. ASME B&PV Section XI Requirements

IWA-5213(c) Test Condition Holding Time, "System Inservice Tests - no holding time required, provided the system has been in operation for at least 4 hours."

IWC-5210(a)(2) Test, "A system pressure test conducted during a system inservice test [IWA-5211(c)] for those systems required to operate during normal plant operation."

III. Relief Request

Relief is requested from using the requirement of - operating the system for four hours before commencing the VT-2 examinations - for Class 2 components and instruments non-isolable from the Reactor Coolant Pressure Boundary (Class 1). These components shall be examined (VT-2 Visual Examination) during the Class 1 Reactor Coolant Boundary System Leakage Pressure Test at the frequency intervals specified within Subsection IWC. Thus, this relief request proposes substituting IWA-5213(a) for IWA-5213(c) and IWB-5210(a)(1) for IWC-5210(a)(2).

IV. Basis for Relief

Numerous components attached to the reactor coolant pressure boundary are covered by the provisions of 10CFR50.55a(c) Reactor Coolant Pressure Boundary. The following excerpt from 10CFR50a(c) is provided:

"(2) Components which are connected to the reactor coolant system and are part of the reactor coolant pressure boundary as defined in Section 50.2 need not meet the requirements of paragraph (c)(1) of this section, Provided:

(i) In the event of postulated failure of the component during normal reactor operation, the reactor can be shut down and cooled down in an orderly manner, assuming makeup is provided by the reactor coolant makeup system; or

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(ii) The component is or can be isolated from the reactor coolant system by two valves in series (both closed, both open, or one closed and the other open). Each open valve must be capable of automatic actuation and, assuming the other valve is open, its closure time must be such that, in the event of postulated failure of the component during normal reactor operation, each valve remains operable and the reactor can be shut down and cooled down in an orderly manner, assuming makeup is provided by the reactor coolant makeup system only."

The piping systems and their associated components connected to the reactor coolant pressure boundary and less than 1 inch in diameter were constructed to the requirements of ASME Code, Section III, Subsection NC, and identified as Safety Class 2 for inservice inspection. The associated components and component parts are identified by valve number and listed below. These piping systems shall be pressurized during the Class 1 reactor coolant pressure boundary System Leakage Pressure Test and a VT-2 Visual Examination will be performed. The System Leakage Pressure Test frequency and pressure will be that required for a Class 2 System Inservice Test. Although the system will not have been in operation for four hours prior to commencing the examinations, the time required to bring the reactor coolant system up to test pressure will allow for the detection of leakage.

Within ASME Section XI the test conditions (i.e., pressure, temperature and hold time) between the reactor coolant pressure boundary and other safety systems are different. Although there are differences, all the system pressure tests ensure leak tightness. Therefore, the substitution of IWA-5213(a) for IWA-5213(c) and the substitution of IWB-5210(a)(1) for IWC-5210(a)(2) satisfies the intent of the Code.

V. Alternate Examination

N/A, VT-2 Visual Examination is performed.

<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
1B33-F068A/B	Recirc Pump A/B Discharge Valve Vent	D-302-601, 602
1B33-F070A/B	Recirc Pump A/B Discharge Valve Drain	D-302-601, 602
1B33-F065A/B	Recirc Loop A/B FCV Drain	D-302-601, 602
1B33-F647A/B	Recirc Loop A/B FCV Vent	D-302-601, 602
1B33-F686A/B	Recirc Loop A/B FCV Drain	D-302-601, 602
1B33-F025A/B	Recirc Pump A/B Suction Valve Vent	D-302-601, 602
1B33-F027A/B	Recirc Pump A/B Suction Valve Drain	D-302-601, 602
1B33-F503A/B	Instrument Isolation Valves for dPT-N015A/B,	D-302-602
-F504A/B	Respectively	
1B33-F505A	Instrument Isolation Valves for FT-N014C/D	D-302-602
-F506A		

<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
1B33-F505B	Instrument Isolation Valves for FT-N011B and	D-302-602
-F506B	FT-N024C/D	
1B33-F507A	Instrument Isolation Valves for FT-N011A and	D-302-602
-F508A	FT-N014A/B	
1B33-F507B	Instrument Isolation Valves for FT-N024A/B	D-302-602
-F508B		
1B33-F512A/B	Recirc Pump A/B Diff Pressure Instrument Vent	D-302-602
1B33-F513A/B	Recirc Pump A/B Diff Pressure Instrument Vent	D-302-602
1B33-F577	Recirc Loop B Flow Instrument Vent	D-302-602
1B33-F578	Recirc Loop B Flow Instrument Vent	D-302-602
1B33-F579	Recirc Loop A Flow Instrument Vent	D-302-602
1B33-F580	Recirc Loop A Flow Instrument Vent	D-302-602
1B33-F581	Recirc Loop B Flow Instrument Vent	D-302-602
1B33-F582	Recirc Loop B Flow Instrument Vent	D-302-602
1B33-F583	Recirc Loop A Flow Instrument Vent	D-302-602
1B33-F584	Recirc Loop A Flow Instrument Vent	D-302-602
1B33-F059	Recirc System Sample Isolation	D-302-602
1B33-F019	Reactor Water Sample Isolation	D-302-602
1B33-F110	Rx Recirc Sample Line Drain	D-302-602
1G33-F507	Instrument Isolation Valve for FT-N037	D-302-671
1G33-F523	RWCU Bottom Head Flow Instrument Vent	D-302-671
1E32-F506A	Instrument Isolation Valves for PT-N051A,	D-302-341
-544A	PT-N061A	
1E32-F506E	Instrument Isolation Valves for PT-N051E,	D-302-341
-F544E	PT-N061E	
1E32-F506J	Instrument Isolation Valve for PT-N051J,	D-302-341
-F544J	PT-N061J	
1E32-F506N	Instrument Isolation Valve for PT-N051N	D-302-341
-F544N	PT-N061N	
1B21-F596	1B21-F016 Test Connection Root Valve	D-302-121
1B21-F017	MST Drain and MSIV Bypass Line Drain	D-302-121
1N27-F551A/B/C	Feedwater Header A Branch Test Isolation	D-302-082
1N27-F551D/E/F	Feedwater Header B Branch Test Isolation	D-302-082
1N27-F557A/B	Feedwater Header A/B First Test Connection	D-302-082
1G33-F508A/B	Instrument Isolation Valves for PT-N076A,	D-302-671, 962
	PT-N076B	
1G33-F108	Pen 131 INBD Test Conn First Isolation Valve	D-302-671
1E31-F540B	RWCU Diff Flow LD Low Side Test Connection	D-302-962
1E31-F541B	RWCU Diff Flow LD High Side Test Connection	D-302-962
1E51-F528A/B/C/D	Instrument Isolation Valves for PT-N084A/B,	D-302-632, 961
	PT-N085A/B	
1E31-F542A/B	RCIC/RHR ST Supply LD Low Stby Test Conn	D-302-961
1E31-F543A/B	RCIC/RHR ST Supply LD High Stby Test Conn	D-302-961
1E31-N084B-G	Cross-Tie Low Side PT-N084A/B	D-302-961
1E31-N084B-R	Cross-Tie High Side PT-N084A/B	D-302-961
1E31-F519	Instrument Isolation Valve For PT-N080A	D-302-705, 962
1E31-F545A	RHR A to LPCS LD High Side Test Connection	D-302-962
1E31-F523	Instrument Isolation Valve for PT-N081	D-302-701, 962
1E31-F547	HPCS to SLC Ref Diff Pressure Test Connection	D-302-962
1E31-F520	Instrument Isolation Valve for PT-N080A	D-302-642, 962
1E31-F544A	RHR A to LPCS LD Low Side Test Connection	D-302-962
1E31-F521	Instrument Isolation Valve for PT-N080B	D-302-642, 962

<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
1E31-F522	Instrument Isolation Valve for PT-N080B	D-302-642, 962
1E21-F502	LPCS to Rx Line Test Connection	D-302-705
1E22-F501	HPCS to Rx Line Test connection	D-302-701
1C41-F501	SLC Discharge Line Inboard Drywell Drain Vlv	D-302-691
1E12-F508A	LPCI From RHR A Inbd First Test Connection	D-302-642
1E12-F508B	LPCI From RHR B Inbd First Test Connection	D-302-642
1E12-F508C	LPCI From RHR C Inbd First Test Connection	D-302-642
1E12-F501	Shutdown Cooling Suction Hdr Inbd First Conn	D-302-642
1E51-F072	RHR & RCIC Steam Supply Line Test Connection	D-302-632
1B33-F514	Recirc Jet Pump 15 Flow Instrument Vent	D-302-604
1B33-F515	Recirc Jet Pump 12 Flow Instrument Vent	D-302-604
1B33-F516	Recirc Jet Pump 18 Flow Instrument Vent	D-302-604
1B33-F517	Recirc Jet Pump 19 Flow Instrument Vent	D-302-604
1B33-F518	Recirc Jet Pump 15 Flow Instrument Vent	D-302-604
1B33-F519	Recirc Jet Pump 16 Flow Instrument Vent	D-302-604
1B33-F520	Recirc Jet Pump 17 Flow Instrument Vent	D-302-604
1B33-F521	Recirc Jet Pump 11 Flow Instrument Vent	D-302-604
1B33-F522	Recirc Jet Pump 13 Flow Instrument Vent	D-302-604
1B33-F523	Recirc Jet Pump 20 Flow Instrument Vent	D-302-604
1B33-F524	Recirc Jet Pump 20 Flow Instrument Vent	D-302-604
1B33-F525	Recirc Jet Pump 14 Flow Instrument Vent	D-302-604
1B33-F526	Recirc Jet Pump 15 Flow Instrument Root	D-302-604
	FT-N038B, LT-N044D	
1B33-F527	Recirc Jet Pump 12 Flow Instrument Root	D-302-604
	FT-N037F	
1B33-F528	Recirc Jet Pump 18 Flow Instrument Root	D-302-604
	FT-N037M	
1B33-F529	Recirc Jet Pump 19 Flow Instrument Root	D-302-604
	FT-N037S	
1B33-F530	Recirc Jet Pump 15 Flow Instrument Root	D-302-604
	FT-N037U, FT-N038B	
1B33-F531	Recirc Jet Pump 16 Flow Inst Root FT-N037D	D-302-604
1B33-F532	Recirc Jet Pump 17 Flow Inst Root FT-N037H	D-302-604
1B33-F533	Recirc Jet Pump 11 Flow Inst Root FT-N037B	D-302-604
1B33-F534	Recirc Jet Pump 13 Flow Inst Root FT-N037K	D-302-604
1B33-F535	Recirc Jet Pump 20 Flow Inst Root FT-N038D	D-302-604
1B33-F536	Recirc Jet Pump 20 Flow Inst Root FT-N037W,	D-302-604
	FT-N038D	
1B33-F537	Recirc Jet Pump 14 Flow Inst Root FT-N037P	D-302-604
1B33-F646	Jet Pump Post Accident Sample Isolation	D-302-604
1P87-F001	Reactor Recirc B Sample Isolation Valve	D-302-431
1B33-F538	Recirc Jet Pump 7 Flow Instrument Vent	D-302-603
1B33-F539	Recirc Jet Pump 9 Flow Instrument Vent	D-302-603
1B33-F540	Recirc Jet Pump 10 Flow Instrument Vent	D-302-603
1B33-F541	Recirc Jet Pump 1 Flow Instrument Vent	D-302-603
1B33-F542	Recirc Jet Pump 2 Flow Instrument Vent	D-302-603
1B33-F543	Recirc Jet Pump 5 Flow Instrument Vent	D-302-603
1B33-F544	Recirc Jet Pump 3 Flow Instrument Vent	D-302-603
1B33-F545	Recirc Jet Pump 10 Flow Instrument Vent	D-302-603
1B33-F546	Recirc Jet Pump 5 Flow Instrument Vent	D-302-603
1B33-F547	Recirc Jet Pump 4 Flow Instrument Vent	D-302-603
1B33-F548	Recirc Jet Pump 6 Flow Instrument Vent	D-302-603

<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
1B33-F549	Recirc Jet Pump 8 Flow Instrument Vent	D-302-603
1B33-F550	Recirc Jet Pump 7 Flow Instrument Root FT-N037G	D-302-603
1B33-F551	Recirc Jet Pump 9 Flow Instrument Root FT-N037R	D-302-603
1B33-F552	Recirc Jet Pump 10 Flow Instrument Root FT-N037V, FT-N038C	D-302-603
1B33-F553	Recirc Jet Pump 1 Flow Instrument Root FT-N037A	D-302-603
1B33-F554	Recirc Jet Pump 2 Flow Instrument Root FT-N037E	D-302-603
1B33-F555	Recirc Jet Pump 5 Flow Instrument Root FT-N038A, LT-N044C	D-302-603
1B33-F556	Recirc Jet Pump 3 Flow Instrument Root FT-N037J	D-302-603
1B33-F557	Recirc Jet Pump 10 Flow Instrument Root FT-N038C	D-302-603
1B33-F558	Recirc Jet Pump 5 Flow Instrument Root FT-N037T, FT-N038A	D-302-603
1B33-F559	Recirc Jet Pump 4 Flow Instrument Root FT-N037N	D-302-603
1B33-F560	Recirc Jet Pump 6 Flow Instrument Root FT-N037C	D-302-603
1B33-F561	Recirc Jet Pump 8 Flow Instrument Root FT-N037L	D-302-603
1B33-F570	Jet Pump Flow Instrument Vent	D-302-603
1B33-F571	Jet Pump Flow Instrument Isolation FT-N037G, FT-N037R, FT-N037V, FT-N037A, FT-N037E, FT-N037J, FT-N037T, FT-N037N, FT-N037C, FT-N037L	D-302-603
1B33-F645	Jet Pump Post Accident Sample Isolation	D-302-603
1P87-F007	Reactor Recirc A Sample Isolation Valve	D-302-431
1E31-F503	Instrument Isolation Valves for PT-N003A, PT-N086A, PT-N086B	D-302-961
-F504		
1E31-F505	Instrument Isolation Valves for PT-N086C, PT-N086D	D-302-961
-F506		
1E31-F507	Instrument Isolation Valves for PT-N003B, PT-N087A, PT-N087B	D-302-961
-F508		
1E31-F509	Instrument Isolation Valves for PT-N087C, PT-N087D	D-302-961
-F510		
1E31-F570	Main Steam Line A Flow Instrument Test Conn	D-302-961
1E31-F571	Main Steam Line A Flow Instrument Test Conn	D-302-961
1E31-F572	Main Steam Line A Flow Instrument Test Conn	D-302-961
1E31-F573	Main Steam Line A Flow Instrument Test Conn	D-302-961
1E31-F574	Main Steam Line B Flow Instrument Test Conn	D-302-961
1E31-F575	Main Steam Line B Flow Instrument Test Conn	D-302-961
1E31-F576	Main Steam Line B Flow Instrument Test Conn	D-302-961
1E31-F577	Main Steam Line B Flow Instrument Test Conn	D-302-961
1E31-F511	Instrument Isolation Valves for PT-N088A, PT-N088B	D-302-961
-F512		
1E31-F513	Instrument Isolation Valves for PT-N003C, PT-N088C, PT-N088D	D-302-961
-F514		

<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
1E31-F515	Instrument Isolation Valves for PT-N089A,	D-302-961
-F516	PT-N089B	
1E31-F517	Instrument isolation Valves for PT-N003D,	D-302-961
-F518	PT-N089C, PT-N089D	
1E31-F578	Main Steam Line C Flow Instrument Test Conn	D-302-961
1E31-F579	Main Steam Line C Flow Instrument Test Conn	D-302-961
1E31-F580	Main Steam Line C Flow Instrument Test Conn	D-302-961
1E31-F581	Main Steam Line C Flow Instrument Test Conn	D-302-961
1E31-F582	Main Steam Line D Flow Instrument Test Conn	D-302-961
1E31-F583	Main Steam Line D Flow Instrument Test Conn	D-302-961
1E31-F584	Main Steam Line D Flow Instrument Test Conn	D-302-961
1E31-F585	Main Steam Line D Flow Instrument Test Conn	D-302-961
1B21-F512	Instrument Isol Valve for LT-N027, LT-N017	D-302-606
1B21-F514	Instrument Isol Valve for LT-N095B, PT-N403B, PI-R004B, PT-N058, PT-N403F, PT-N068B, PT-N008B, PT-N068F, PT-N040, PT-N078B, PT-N062B, PT-N004B, LT-N080B, LT-N490, LT-N091B, LT-N402B, LT-N091F, dPI-R009B, LT-N081B	D-302-606
1B21-F510	Instrument Isolation Valve for PT-N078D, LT-N080D, LT-N073L, LT-N073R, LT-N081D, LT-N402F, LT-N044D	D-302-606
1B21-F542	RPV Level Instrument Line Drain	D-302-606
1B21-F511	Instrument Isolation Valve for LT-N080D, dPI-R005	D-302-606
1B21-F544	RPV Level Instrument Line Vent	D-302-606
1B21-F546	RPV Level Instrument Line Drain	D-302-606
1B21-F515	Instrument Isolation Valve for LT-N080B, LT-N004, LT-N017, LT-N027, LT-N095B	D-302-606
1B21-F551	RPV Level Instrument Line Vent	D-302-606
1B21-F540	RPV Level Instrument Line Drain	D-302-606
1B21-F545	RPV Level Instrument Line Vent	D-302-606
1B21-F509	Instrument Isolation Valve for LT-N073L, LT-N073R, LT-N081D, LT-N402F	D-302-606
1B21-F548	RPV Level Instrument Line Drain	D-302-606
1B21-F549	RPV Level Instrument Line Vent	D-302-606
1B21-F513	Instrument Isolation Valve for LT-N081B, LT-N091F, dPI-R009B, LT-N402B, LT-N091B	D-302-606
1B21-F583	Instrument Isolation Valve for PT-N081, dPT-N032	D-302-606, 962
1B21-F582	Jet Pump Instrument Line Vent	D-302-606
1B21-F585	Instrument Isolation Valve For dPT-N011, dPT-N008	D-302-606, 872
1B21-F523	Instrument Isolation Valve for Flow Instruments P009, dPI-R005, LT-N490, dPT-N032, FT-N037, FT-N032, dPI-R005	D-302-606, 604, 671
1B21-F584	Jet Pump Instrument Line Vent	D-302-606
1B21-F553	Instrument Isolation Valve for LT-N095A, PT-N403A, PI-R004A, PT-N403E, PT-N005, PT-N068A, PT-N050, PT-N068E, PT-N006, PT-N008A, PT-N078A, PT-N062A, LT-N004A, LT-N080A, LT-N010, LT-N091A, LT-N402A, dPI-R009A, LT-N091E, LT-N081A	D-302-606

<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
1B21-F505	Instrument Isolation Valves for LT-N080C, PT-N078C, LT-N004C, LT-N073G, LT-N402E, LT-N073C, LT-N081C, LT-N044C	D-302-606
1B21-F536	RPV Level Instrument Line Drain	D-302-606
1B21-F506	Instrument Isolation Valve for LT-N080C, LT-N004C	D-302-606
1B21-F539	RPV Level Instrument Line Vent	D-302-606
1B21-F528	RPV Level Instrument Line Drain	D-302-606
1B21-F552	Instrument Isolation Valve for LT-N080A, LT-N004A, LT-N095A	D-302-606
1B21-F533	RPV Level Instrument Line Vent	D-302-606
1B21-F535	RPV Level Instrument Line Drain	D-302-606
1B21-F504	Instrument Isolation Valves for LT-N081C, LT-N073C, LT-N402E, LT-N073G	D-302-606
1B21-F534	RPV Level Instrument Line Vent	D-302-606
1B21-F529	RPV Level Instrument Line Drain	D-302-606
1B21-F555	Instrument Isolation Valve for LT-N081A, LT-N091E, dPI-R009A, LT-N402A, LT-N091A, LT-N010	D-302-606
1B21-F531	RPV Level Instrument Line Vent	D-302-606

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I. Identification of Components

Class 2 systems/components attached to the Reactor Coolant Pressure Boundary (Class 1) which are not provided with either pressure or test isolation (i.e., instrumentation, drain, vent, and test piping). A list of valve numbers identifies the affected components (i.e., valves, piping systems and instruments).

II. ASME B&PV Section XI Requirements

IWC-5210(a)(3) Test, "A system hydrostatic pressure test [IWA-5211(d)] for each system or portion of systems and for repaired or replaced components, or altered portions of systems."

IWC-5222(a) System Hydrostatic Test, "The system hydrostatic test pressure shall be at least 1.10 times the system pressure P_{SV} for systems with Design Temperature of 200°F or less, and at least 1.25 times the system pressure P_{SV} for systems with Design Temperature above 200°F. The system pressure P_{SV} shall be the lowest pressure setting among the number of safety or relief valves provided for overpressure protection within the boundary of the system to be tested. For systems (or portions of systems) not provided with safety or relief valves, the system design pressure P_d shall be substituted for P_{SV} ".

III. Relief Requested

Relief is requested from using the Class 2 System Hydrostatic Pressure Test requirements for Class 2 components and instruments non-isolable from the Reactor Coolant Pressure Boundary (Class 1). These components shall be examined (VT-2 Visual Examination) during the Class 1 Reactor Coolant Pressure Boundary System Hydrostatic Pressure Test at the frequency intervals specified within Subsection IWB. Thus, this relief request proposes substituting IWB-5210(a)(2) for IWC-5210(a)(3) and IWB-5222/IWB-5230 for IWC-5222(a).

IV. Basis For Relief

Numerous components attached to the Reactor Coolant Pressure Boundary are covered by the provisions of 10CFR50.55a(c) Reactor Coolant Pressure Boundary. The following excerpt from 10CFR50.55a(c) is provided:

*(2) Components which are connected to the reactor coolant system and are part of the reactor coolant pressure boundary as defined in Section 50.2 need not meet the requirements of paragraph (c)(1) of this section, Provided:

(i) In the event of postulated failure of the component during normal reactor operation, the reactor can be shut down and cooled down in an orderly manner, assuming makeup is provided by the reactor coolant makeup system; or

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(i.i) The component is or can be isolated from the reactor coolant system by two valves in series (both closed, both open, or one closed and the other open). Each open valve must be capable of automatic actuation and, assuming the other valve is open, its closure time must be such that, in the event of postulated failure of the component during normal reactor operation, each valve remains operable and the reactor can be shut down and cooled down in an orderly manner, assuming makeup is provided by the reactor coolant makeup system only."

The piping systems and their associated components less than 1 inch in diameter were constructed to the requirements of ASME Code, Section III, Subsection NC, and identified as Safety Class 2 for inservice inspection. The associated components and component parts are identified by valve number and listed below. These piping systems shall be pressurized during the Class 1 System Hydrostatic Pressure Test and a VT-2 Visual Examination will be performed. The frequency and hold time of the system hydrostatic pressure tests are identical for Class 1 and Class 2.

Within ASME Section XI the test conditions (i.e., pressure and temperature) between the reactor coolant pressure boundary and other safety systems are different. The Class 1 test pressure has a maximum limit of 1127.5 psig (Reference: Table IWB-5222-1, Test Pressure) with the Class 2 having its minimum test pressure at 1379 psig (Reference: IWC-5222(a) for design temperature greater than 200 degrees F). Because the piping systems and their associated components less than 1 inch in diameter for which relief is requested are non-isolable from the reactor coolant pressure boundary, and the maximum test pressure for the Class 1 reactor coolant pressure boundary System Hydrostatic Test is less than the minimum test pressure required for a Class 2 System Hydrostatic Test, hydrostatic testing of these Class 2 components is necessarily limited to the Class 1 System Hydrostatic Test pressure. Although there are differences, both the Class 1 and Class 2 hydrostatic pressure tests ensure structural integrity and leak tightness. Therefore, the substitution of IWB requirements for IWC satisfies the intent of the Code.

V. Alternate Examination

N/A, VT-2 Visual Examination is performed.

<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
1B33-F068A/B	Recirc Pump A/B Discharge Valve Vent	D-302-601, 602
1B33-F070A/B	Recirc Pump A/B Discharge Valve Drain	D-302-601, 602
1B33-F065A/B	Recirc Loop A/B FCV Drain	D-302-601, 602
1B33-F647A/B	Recirc Loop A/B FCV Vent	D-302-601, 602
1B33-F686A/B	Recirc Loop A/B FCV Drain	D-302-601, 602
1B33-F025A/B	Recirc Pump A/B Suction Valve Vent	D-302-601, 602
1B33-F027A/B	Recirc Pump A/B Suction Valve Drain	D-302-601, 602

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<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
1B33-F503A/B -F504A/B	Instrument Isolation Valves for dPT-N015A/B, Respectively	D-302-602
1B33-F505A -F506A	Instrument Isolation Valves for FT-N014C/D	D-302-602
1B33-F505B -F506B	Instrument Isolation Valves for FT-N011B and FT-N024C/D	D-302-602
1B33-F507A -F508A	Instrument Isolation Valves for FT-N011A and FT-N014A/B	D-302-602
1B33-F507B -F508B	Instrument Isolation Valves for FT-N024A/B	D-302-602
1B33-F512A/B	Recirc Pump A/B Diff Pressure Instrument Vent	D-302-602
1B33-F513A/B	Recirc Pump A/B Diff Pressure Instrument Vent	D-302-602
1E33-F577	Recirc Loop B Flow Instrument Vent	D-302-602
1B33-F578	Recirc Loop B Flow Instrument Vent	D-302-602
1B33-F579	Recirc Loop A Flow Instrument Vent	D-302-602
1B33-F580	Recirc Loop A Flow Instrument Vent	D-302-602
1B33-F581	Recirc Loop B Flow Instrument Vent	D-302-602
1B33-F582	Recirc Loop B Flow Instrument Vent	D-302-602
1B33-F583	Recirc Loop A Flow Instrument Vent	D-302-602
1B33-F584	Recirc Loop A Flow Instrument Vent	D-302-602
1B33-F059	Recirc System Sample Isolation	D-302-602
1B33-F019	Reactor Water Sample Isolation	D-302-602
1B33-F110	Rx Recirc Sample Line Drain	D-302-602
1B33-F020	Reactor Water Sample Isolation	D-302-602
1B33-F021	Recirc System Sample Test Connection	D-302-602
1G33-F507	Instrument Isolation Valve for FT-N037	D-302-671
1G33-F523	RWCU Bottom Head Flow Instrument Vent	D-302-671
1E32-F506A -F544A	Instrument Isolation Valves for PT-N051A, PT-N061A	D-302-341
1E32-F506E -F544E	Instrument Isolation Valves for PT-N051E, PT-N061E	D-302-341
1E32-F506J -F544J	Instrument Isolation Valve for PT-N051J, PT-N061J	D-302-341
1E32-F506N -F544N	Instrument Isolation Valve for PT-N051N PT-N061N	D-302-341
1B21-F596	1B21-F016 Test Connection Root Valve	D-302-121
1B21-F017	MST Drain and MSIV Bypass Line Drain	D-302-121
1N27-F551A/B/C	Feedwater Header A Branch Test Isolation	D-302-082
1N27-F551D/E/F	Feedwater Header B Branch Test Isolation	D-302-082
1N27-F557A/B	Feedwater Header A/B First Test Connection	D-302-082
1G33-F508A/B	Instrument Isolation Valves for PT-N076A, PT-N076B	D-302-671, 962
1G33-F108	Pen 131 INBD Test Conn First Isolation Valve	D-302-671
1E31-F540B	RWCU Diff Flow LD Low Side Test Connection	D-302-962
1E31-F541B	RWCU Diff Flow LD High Side Test Connection	D-302-962

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<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
1E51-F528A/B/C/D	Instrument Isolation Valves for PT-N084A/B, PT-N085A/B	D-302-632, 961
1E31-F542A/B	RCIC/RHR ST Supply LD Low Stby Test Conn	D-302-632, 961
1E31-F543A/B	RCIC/RHR ST Supply LD High Stby Test Conn	D-302-632, 961
1E31-N084B-G	Cross-Tie Low Side PT-N084A/B	D-302-961
1E31-N084B-R	Cross-Tie High Side PT-N084A/B	D-302-961
1E31-F519	Instrument Isolation Valve For PT-N080A	D-302-705, 962
1E31-F545A	RHR A to LPCS LD High Side Test Connection	D-302-962
1E31-F523	Instrument Isolation Valve for PT-N081	D-302-701, 962
1E31-F547	HPCS to SLC Ref Diff Pressure Test Connection	D-302-962
1E31-F520	Instrument Isolation Valve for PT-N080A	D-302-642, 962
1E31-F544A	RHR A to LPCS LD Low Side Test Connection	D-302-962
1E31-F521	Instrument Isolation Valve for PT-N080B	D-302-642, 962
1E31-F522	Instrument Isolation Valve for PT-N080B	D-302-642, 962
1E21-F502	LPCS to Rx Line Test Connection	D-302-705
1E22-F501	HPCS to Rx Line Test connection	D-302-701
1C41-F501	SLC Discharge Line Inboard Drywell Drain Vlv	D-302-691
1E12-F508A	LPCI From RHR A Inbd First Test Connection	D-302-642
1E12-F508B	LPCI From RHR B Inbd First Test Connection	D-302-642
1E12-F508C	LPCI From RHR C Inbd First Test Connection	D-302-642
1E12-F501	Shutdown Cooling Suction Hdr Inbd First Conn	D-302-642
1E51-F072	RHR & RCIC Steam Supply Line Test Connection	D-302-632
1B33-F514	Recirc Jet Pump 15 Flow Instrument Vent	D-302-604
1B33-F515	Recirc Jet Pump 12 Flow Instrument Vent	D-302-604
1B33-F516	Recirc Jet Pump 18 Flow Instrument Vent	D-302-604
1B33-F517	Recirc Jet Pump 19 Flow Instrument Vent	D-302-604
1B33-F518	Recirc Jet Pump 15 Flow Instrument Vent	D-302-604
1B33-F519	Recirc Jet Pump 16 Flow Instrument Vent	D-302-604
1B33-F520	Recirc Jet Pump 17 Flow Instrument Vent	D-302-604
1B33-F521	Recirc Jet Pump 11 Flow Instrument Vent	D-302-604
1B33-F522	Recirc Jet Pump 13 Flow Instrument Vent	D-302-604
1B33-F523	Recirc Jet Pump 20 Flow Instrument Vent	D-302-604
1B33-F524	Recirc Jet Pump 20 Flow Instrument Vent	D-302-604
1B33-F525	Recirc Jet Pump 14 Flow Instrument Vent	D-302-604
1B33-F526	Recirc Jet Pump 15 Flow Instrument Root FT-N038B, LT-N044D	D-302-604
1B33-F527	Recirc Jet Pump 12 Flow Instrument Root FT-N037F	D-302-604
1B33-F528	Recirc Jet Pump 18 Flow Instrument Root FT-N037M	D-302-604
1B33-F529	Recirc Jet Pump 19 Flow Instrument Root FT-N037S	D-302-604
1B33-F530	Recirc Jet Pump 15 Flow Instrument Root FT-N037U, FT-N038B	D-302-604
1B33-F531	Recirc Jet Pump 16 Flow Inst Root FT-N037D	D-302-604
1B33-F532	Recirc Jet Pump 17 Flow Inst Root FT-N037H	D-302-604
1B33-F533	Recirc Jet Pump 11 Flow Inst Root FT-N037B	D-302-604

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<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
1B33-F534	Recirc Jet Pump 13 Flow Inst Root FT-N037K	D-302-604
1B33-F535	Recirc Jet Pump 20 Flow Inst Root FT-N038D	D-302-604
1B33-F536	Recirc Jet Pump 20 Flow Inst Root FT-N037W, FT-N038D	D-302-604
1B33-F537	Recirc Jet Pump 14 Flow Inst Root FT-N037P	D-302-604
1B33-F646	Jet Pump Post Accident Sample Isolation	D-302-604
1P87-F001	Reactor Recirc B Sample Isolation Valve	D-302-431
1B33-F538	Recirc Jet Pump 7 Flow Instrument Vent	D-302-603
1B33-F539	Recirc Jet Pump 9 Flow Instrument Vent	D-302-603
1B33-F540	Recirc Jet Pump 10 Flow Instrument Vent	D-302-603
1B33-F541	Recirc Jet Pump 1 Flow Instrument Vent	D-302-603
1B33-F542	Recirc Jet Pump 2 Flow Instrument Vent	D-302-603
1B33-F543	Recirc Jet Pump 5 Flow Instrument Vent	D-302-603
1B33-F544	Recirc Jet Pump 3 Flow Instrument Vent	D-302-603
1B33-F545	Recirc Jet Pump 10 Flow Instrument Vent	D-302-603
1B33-F546	Recirc Jet Pump 5 Flow Instrument Vent	D-302-603
1B33-F547	Recirc Jet Pump 4 Flow Instrument Vent	D-302-603
1B33-F548	Recirc Jet Pump 6 Flow Instrument Vent	D-302-603
1B33-F549	Recirc Jet Pump 8 Flow Instrument Vent	D-302-603
1B33-F550	Recirc Jet Pump 7 Flow Instrument Root FT-N037G	D-302-603
1B33-F551	Recirc Jet Pump 9 Flow Instrument Root FT-N037R	D-302-603
1B33-F552	Recirc Jet Pump 10 Flow Instrument Root FT-N037V, FT-N038C	D-302-603
1B33-F553	Recirc Jet Pump 1 Flow Instrument Root FT-N037A	D-302-603
1B33-F554	Recirc Jet Pump 2 Flow Instrument Root FT-N037E	D-302-603
1B33-F555	Recirc Jet Pump 5 Flow Instrument Root FT-N038A, LT-N044C	D-302-603
1B33-F556	Recirc Jet Pump 3 Flow Instrument Root FT-N037J	D-302-603
1B33-F557	Recirc Jet Pump 10 Flow Instrument Root FT-N038C	D-302-603
1B33-F558	Recirc Jet Pump 5 Flow Instrument Root FT-N037T, FT-N038A	D-302-603
1B33-F559	Recirc Jet Pump 4 Flow Instrument Root FT-N037N	D-302-603
1B33-F560	Recirc Jet Pump 6 Flow Instrument Root FT-N037C	D-302-603
1B33-F561	Recirc Jet Pump 8 Flow Instrument Root FT-N037L	D-302-603
1B33-F570	Jet Pump Flow Instrument Vent	D-302-603
1B33-F571	Jet Pump Flow Instrument Isolation FT-N037G, FT-N037R, FT-N037V, FT-N037A, FT-N037E, FT-N037J, FT-N037T, FT-N037N, FT-N037C, FT-N037L	D-302-603

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<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
1B33-F645	Jet Pump Post Accident Sample Isolation	D-302-603
1P87-F007	Reactor Recirc A Sample Isolation Valve	D-302-431
1E31-F503	Instrument Isolation Valves for PT-N003A,	D-302-961
-F504	PT-N086A, PT-N086B	
1E31-F505	Instrument Isolation Valves for PT-N086C,	D-302-961
-F506	PT-N086D	
1E31-F507	Instrument Isolation Valves for PT-N003B,	D-302-961
-F508	PT-N087A, PT-N087B	
1E31-F509	Instrument Isolation Valves for PT-N087C,	D-302-961
-F510	PT-N087D	
1E31-F570	Main Steam Line A Flow Instrument Test Conn	D-302-961
1E31-F571	Main Steam Line A Flow Instrument Test Conn	D-302-961
1E31-F572	Main Steam Line A Flow Instrument Test Conn	D-302-961
1E31-F573	Main Steam Line A Flow Instrument Test Conn	D-302-961
1E31-F574	Main Steam Line B Flow Instrument Test Conn	D-302-961
1E31-F575	Main Steam Line B Flow Instrument Test Conn	D-302-961
1E31-F576	Main Steam Line B Flow Instrument Test Conn	D-302-961
1E31-F577	Main Steam Line B Flow Instrument Test Conn	D-302-961
1E31-F511	Instrument Isolation Valves for PT-N088A,	D-302-961
-F512	PT-N088B	
1E31-F513	Instrument Isolation Valves for PT-N003C,	D-302-961
-F514	PT-N088C, PT-N088D	
1E31-F515	Instrument Isolation Valves for PT-N089A,	D-302-961
-F516	PT-N089B	
1E31-F517	Instrument Isolation Valves for PT-N003D,	D-302-961
-F518	PT-N089C, PT-N089D	
1E31-F578	Main Steam Line C Flow Instrument Test Conn	D-302-961
1E31-F579	Main Steam Line C Flow Instrument Test Conn	D-302-961
1E31-F580	Main Steam Line C Flow Instrument Test Conn	D-302-961
1E31-F581	Main Steam Line C Flow Instrument Test Conn	D-302-961
1E31-F582	Main Steam Line D Flow Instrument Test Conn	D-302-961
1E31-F583	Main Steam Line D Flow Instrument Test Conn	D-302-961
1E31-F584	Main Steam Line D Flow Instrument Test Conn	D-302-961
1E31-F585	Main Steam Line D Flow Instrument Test Conn	D-302-961
1B21-F512	Instrument Isol Valve for LT-N027, LT-N017	D-302-606
1B21-F514	Instrument Isol Valve for LT-N095B, PT-N403B,	D-302-606
	PI-R004B, PT-N058, PT-N403F, PT-N068B,	
	PT-N008B, PT-N068F, PT-N040, PT-N078B,	
	PT-N062B, PT-N004B, LT-N080B, LT-N490,	
	LT-N091B, LT-N402B, LT-N091F, dPI-R009B,	
	LT-N081B	
1B21-F510	Instrument Isolation Valve for PT-N078D,	D-302-606
	LT-N080D, LT-N073L, LT-N073R, LT-N081D,	
	LT-N402F, LT-N044D	
1B21-F542	RPV Level Instrument Line Drain	D-302-606
1B21-F511	Instrument Isolation Valve for LT-N080D,	D-302-606
	dPI-R005	

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<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
1B21-F544	RPV Level Instrument Line Vent	D-302-606
1B21-F546	RPV Level Instrument Line Drain	D-302-606
1B21-F515	Instrument Isolation Valve for LT-N080B, LT-N004, LT-N017, LT-N027, LT-N095B	D-302-606
1B21-F551	RPV Level Instrument Line Vent	D-302-606
1B21-F540	RPV Level Instrument Line Drain	D-302-606
1B21-F545	RPV Level Instrument Line Vent	D-302-606
1B21-F509	Instrument Isolation Valve for LT-N073L, LT-N073R, LT-N081D, LT-N402F	D-302-606
1B21-F548	RPV Level Instrument Line Drain	D-302-606
1B21-F549	RPV Level Instrument Line Vent	D-302-606
1B21-F513	Instrument Isolation Valve for LT-N081B, LT-N091F, dPI-R009B, LT-N402B, LT-N091B	D-302-606
1B21-F583	Instrument Isolation Valve for PT-N081, dPT-N032	D-302-606, 962
1B21-F582	Jet Pump Instrument Line Vent	D-302-606
1B21-F585	Instrument Isolation Valve For dPT-N011, dPT-N008	D-302-606, 872
1B21-F523	Instrument Isolation Valve for Flow Instruments P009, dPI-R005, LT-N490, dPT-N032, FT-N037, FT-N032, dPI-R005	D-302-606, 604, 671
1B21-F584	Jet Pump Instrument Line Vent	D-302-606
1B21-F553	Instrument Isolation Valve for LT-N095A, PT-N403A, PI-R004A, PT-N403E, PT-N005, PT-N068A, PT-N050, PT-N068E, PT-N006, PT-N008A, PT-N078A, PT-N062A, LT-N004A, LT-N080A, LT-N010, LT-N091A, LT-N402A, dPI-R009A, LT-N091E, LT-N081A	D-302-606
1B21-F505	Instrument Isolation Valves for LT-N080C, PT-N078C, LT-N004C, LT-N073G, LT-N402E, LT-N073C, LT-N081C, LT-N044C	D-302-606
1B21-F536	RPV Level Instrument Line Drain	D-302-606
1B21-F506	Instrument Isolation Valve for LT-N080C, LT-N004C	D-302-606
1B21-F539	RPV Level Instrument Line Vent	D-302-606
1B21-F528	RPV Level Instrument Line Drain	D-302-606
1B21-F552	Instrument Isolation Valve for LT-N080A, LT-N004A, LT-N095A	D-302-606
1B21-F533	RPV Level Instrument Line Vent	D-302-606
1B21-F535	RPV Level Instrument Line Drain	D-302-606
1B21-F504	Instrument Isolation Valves for LT-N081C, LT-N073C, LT-N402E, LT-N073G	D-302-606
1B21-F534	RPV Level Instrument Line Vent	D-302-606
1B21-F529	RPV Level Instrument Line Drain	D-302-606
1B21-F555	Instrument Isolation Valve for LT-N081A, LT-N091E, dPI-R009A, LT-N402A, LT-N091A, LT-N010	D-302-606
1B21-F531	RPV Level Instrument Line Vent	D-302-606

9.0 CALIBRATION STANDARD DRAWINGS

9.1 Calibration Standards

Included in this section is a listing of NDE calibration standards required to perform ultrasonic examinations on piping and components subject to the examination requirements of ASME Section XI.

The UT calibration standard design and material selection is in accordance with the requirements of ASME Section V and XI as applicable. In addition to the required notches, drilled holes have been installed as additional reflectors in accordance with the provisions of the applicable Codes.

The actual drawings are not included in this document at this time. They are in process of being fabricated as "As-Builts" and will be added upon completion.

Table 9-1 is a listing of the calibration standards required in the performance of reactor vessel examinations.

Table 9-2 is a listing of the calibration standards required in the performance of examinations on piping and components other than the reactor vessel.

TABLE 9-1

CALIBRATION STANDARDS (REACTOR VESSEL)

<u>TITLE</u>	<u>NOMINAL WALL THICKNESS</u>	<u>MATERIAL SPECIFICATION</u>	<u>DRAWING NO.</u>
PY-SE-CS-1	.755"	SA105	4549-08-899
PY-SE-BI-1	.755"	SA508 C1-1 & SA336 C1-F8	4549-08-907
PY-SE-BI-2	.890"	SA508 C1-1 & SB166	4549-08-905
PY-SE-BI-3	1.145"	SA508 C1-1 & SB166	4549-08-916
PY-SE-BI-4	1.258"	SA508 C1-1 & SA182 F316L	4549-08-915
PY-SE-BI-5	1.498"	SA508 C1-1 & SA336 C1-F8	4549-08-906
PY-123-1-RPV	8.0"	SA553 Grade B	4549-08-917
PY-124-1-RPV	7.35"	SA533 Grade B	4549-08-918
PY-125-1-RPV	6.25"	SA533 Grade B	4549-08-919
PY-126-1-RPV	7.375"	SA533 Grade B	4549-08-920
PY-127-1-RPV	3.88"	SA553 Grade B	4549-08-921
PY-128-1-RPV	4.88"	SA553 Grade B	4549-08-922
PY-FLG-1-RPV	7.4" X 35"	SA553 Grade B	4549-08-911
PY-NUT-1-RPV-A	6.953"	SA540 Grade B24	4549-08-912
PY-STUD-1-RPV-A	6" Dia.	SA540 Grade B	4549-08-923
PY-IR-5.3	5.3"	SA533 Grade B	4549-08-903
PY-IR-6.6	6.6"	SA533 Grade B	4549-08-903
PY-IR-7.7	7.7"	SA533 Grade B	4549-08-903

TABLE 9-2

CALIBRATION STANDARDS (PIPING AND OTHER COMPONENTS)

<u>TITLE</u>	<u>NOMINAL WALL THICKNESS</u>	<u>MATERIAL SPECIFICATION</u>	<u>DRAWING NO.</u>
PY-4-80-SS	0.400	SA376, TP 347	4549-08-893
PY-4-80-CS	0.337*	SA106, Grade B	4549-08-898
PY-4-XX1-CS-F	0.337*	SA234, WPB	4549-08-893
PY-4-XX1-SS	0.325*	SA358, TP 304	4549-08-893
PY-6-40-CS	.280*	SA106 Grade B	4549-08-893
PY-6-80-CS	0.432*	SA106, Grade B	4549-08-890
PY-6-120-CS	0.562*	SA106, Grade B	4549-08-890
PY-6-XX1-CS-F	0.562*	SA234, WPB	4549-08-893
PY-8-40-CS	.322*	SA106 Grade B	4549-08-893
PY-8-100-CS	0.594*	SA106, Grade B	4549-08-893
PY-8-XX1-CS-F	0.594*	SA234, WPB	4549-08-893
PY-10-40-CS	.365*	SA106 Grade B	4549-08-893
PY-10-80-CS	0.593*	SA106, Grade B	4549-08-890
PY-10-100-CS	0.718*	SA106, Grade B	4549-08-890
PY-10-XX1-CS-F	0.718*	SA234, WPB	4549-08-893
PY-10-XX2-CS-F	1.45*	SA105	4549-08-894
PY-12-40-CS	.406*	SA106 Grade B	4549-08-893
PY-12-80-CS	0.687*	SA106, Grade B	4549-08-890
PY-12-80-SS-F	0.685*	SA403, WP 304 W	4549-08-893
PY-12-100-CS	0.843*	SA106, Grade B	4549-08-890
PY-12-120-CS	1.00*	SA106, Grade B	4549-08-890
PY-12-CLAD-SS	.688*	SA358 TP 304 & Clad-TP E308 L	4549-08-910

TABLE 9-2 (Cont.)

CALIBRATION STANDARDS (PIPING AND OTHER COMPONENTS)

<u>TITLE</u>	<u>NOMINAL WALL THICKNESS</u>	<u>MATERIAL SPECIFICATION</u>	<u>DRAWING NO.</u>
PY-12-PEN-CS-2	6.5" X 3"	SA 105 & SA106 Grade B	Tube Turns Dwg. 70195Y-C153.1
PY-12-STD-CS	.375"	SA106 Grade B	4549-08-893
PY-12-XX1-CS-F	0.688"	SA234, WPB	4549-08-893
PY-12-XX1-SS	0.700"	SA358, TP 304	4549-08-893
PY-12-XX2-CS-F	0.843"	SA234, WPB	4549-08-893
PY-12-XX3-CS-F	1.312"	SA234, WPB	4549-08-894
PY-14-40-CS	.438"	SA106 Grade B	4549-08-893
PY-14-80-CS	0.750"	SA106, Grade B	4549-08-890
PY-14-XX1-CS-F	0.750"	SA234, WPB	4549-08-893
PY-16-40-CS	.500"	SA106 Grade B	4549-08-893
PY-16-100-CS	1.031"	SA106, Grade B	4549-08-891
PY-16-100-SS	1.031"	SA358, TP 304	4549-08-894
PY-16-CLAD-SS	1.03"	SA358 TP 304 & Clad-TP E308 L	4549-08-910
PY-16-STD-CS	.375"	SA106 Grade B	4549-08-893
PY-16-XX1-CS-F	1.031"	SA234, WPB	4549-08-894
PY-18-40-CS	0.562"	SA106, Grade B	4549-08-890
PY-18-STD-CS	0.375"	SA106 Grade B	4549-08-893
PY-18-XX1-CS-F	0.562"	SA234, WPB	4549-08-893
PY-18-XX1-SS-F	0.562"	SA403, WP 304	4549-08-893
PY-20-40-CS	0.594"	SA106, Grade B	4549-08-890
PY-20-80-CS	1.031"	SA106, Grade B	4549-08-891
PY-20-100-CS	1.281"	SA106, Grade B	4549-08-891

TABLE 9-2 (Cont.)

CALIBRATION STANDARDS (PIPING AND OTHER COMPONENTS)

<u>TITLE</u>	<u>NOMINAL WALL THICKNESS</u>	<u>MATERIAL SPECIFICATION</u>	<u>DRAWING NO.</u>
PY-20-120-CS	1.500*	SA106, Grade B	4549-08-894
PY-20-XX1-CS-F	0.594*	SA234, WPB	4549-08-893
PY-20-XX1-SS-F	1.281*	SA182, F 316 L	4549-08-894
PY-22-CLAD-SS	1.0*	SA358 TP 304 & Clad-TP E308 L	4549-08-910
PY-22-XX1-SS	1.006*	SA358, TP 304	4549-08-894
PY-22-XX1-SS-F	1.13*	SA403, WP 304	4549-08-894
PY-22-XX2-SS-F	1.38*	SA403 WP 304 & Clad-TP E308 L	4549-08-913
PY-24-40-CS	0.687*	SA106, Grade B	4549-08-890
PY-24-CLAD-SS	1.315*	SA358 TP 304 & Clad-TP E308 L	4549-08-910
PY-24-STD-CS	0.375*	SA106 Grade B	4549-08-893
PY-24-XX1-CS-F	0.687*	SA234, WPB	4549-08-893
PY-24-XX1-SS	1.386	SA358, TP 304	4549-08-894
PY-24-XX1-SS-F	1.735*	SA403, WP 304	4549-08-894
PY-24-XX2-SS-F	1.400*	SA403, WP 304	4549-08-894
PY-26-80-CS	1.499*	SA155, Grade KCF 70	4549-08-891
PY-26-XXI-CS	1.147*	SA155, Grade KCF 70	4549-08-891
PY-26-XX1-CS-F	1.414*	SA234, WPB	4549-08-894
PY-26-XX2-CS	1.321*	SA106, Grade B	4549-08-891
PY-28-140-CS	2.406*	SA106, Grade C	4549-08-894
PY-1.5-RHR	1.50*	SA516 Grade 70	4549-08-908
PY-1R-RHR	5.3*	SA105	4549-08-902
PY-STUD-LPCS 2.25 - CS	2.25*	SA193 Grade B7	4549-08-900

TABLE 9-2 (())

CALIBRATION STANDARDS (PIPING AND OTHER COMPONENTS)

<u>TITLE</u>	<u>NOMINAL WALL THICKNESS</u>	<u>MATERIAL SPECIFICATION</u>	<u>DRAWING NO.</u>
PY-STUD-MS- 2.25-CS	2.25"	SA540 Grade B23, CL5	4549-08-901
PY-STUD-RR- 3 - CS	3.0"	SA540 Grade B23, CLA	4549-08-909
PY-VALVE-XX1-CS	2.2"	SA105	80D7547
PY-VALVE-XX2-CS	1.5"	SA105	80D7547
PY-VALVE-XX3-CS	1.12"	SA105	80D7547
PY-STUD-MS- 2.25-CS-1	2.25"	SA540 Grade B23, CL5	4549-08-925

10.0 ISI DRAWINGS

10.1 ISI Piping and Instrumentation Diagrams (P&ID's)

Included in Volume 2 of the ISEP are the ISI P&ID's delineating the ISI boundaries for piping systems subject to the requirements of ASME Section XI.

The ISI boundary classifications are developed specifically to define the extent of examinations applicable to Section XI. The Section XI Class 1, 2 and 3 boundaries differ somewhat from the ASME Section III design boundaries. These differences occur as a result of systems, or portions of systems, being optionally upgraded in design.

The ISI classification boundaries are established by applying the provisions set forth in ASME Section XI, 10CFR50, Regulatory Guide 1.26 Revision 3, and NUREG-0800.

The actual drawings are color-coded, for ease of use. Due to reproduction limitations, only black and white copies are used in this document.

10.2 ISI Isometric Drawings

Also included in Volume 2 of the ISEP are the ISI isometric drawings delineating the components, welds, and supports which are subject to examination in accordance with the ISEP.

The ISI isometric drawings are established by applying the rules of ASME Section XI to components and systems which are not exempt from examination.

Each weld, support, and component subject to examination is identified by a unique number. These numbers are included on the isometrics with lines (arrows) identifying the particular item and it's location within a system or component.