

OM7D: ISEP Attachment 1

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PNPP No. 7310
Rev 5/88

INTENT INSTRUCTION TEMPORARY CHANGE

PAP-0522-2

TEMPORARY CHANGE NO.

TCN- 9

INSTRUCTION NO. <u>ISSP</u> <u>DIR 70</u>	REV <u>0</u>	INSTRUCTION TITLE <u>INSERVICE EXAMINATION PROGRAM</u>
CANCELS YPR(S): <u>1.1A</u>		
LIST EACH ATTACHED PAGE <u>SEE ATTACHED (ATTACHMENT 1)</u>		ADMIN USE ONLY PNPP CONTROLLED COPY NO. <u>474</u>
REASON: <u>TO ADD, CHANGE AND DELETE COMPONENTS TO THE EXAMINATION PROGRAM SCHEME.</u>		
ORIGINATOR <u>Paul Pite III</u>	DATE <u>18/30/90</u>	REVIEWED <u>Robert J. Linder</u> DATE <u>19-25-90</u>

10CFR50.59 APPLICABILITY CHECK

Is there a change to the plant as described in the USAR?

YES ☐ NO ☒

REASON: CONFORMS TO USAR SECTIONS: 3.2, 3.6, 3.7, 4.6.3, 5.2, 6.6
and 10.3.4

Is there a change to a procedure/instruction as described in the USAR?

☐ YES ☒ NO

REASON: CONFORMS TO USAR SECTIONS: 3.2, 3.6, 3.7, 4.6.3, 5.2,
6.6 and 10.3.4

Is there a test or experiment not described in the USAR?

☐ YES ☒ NO

REASON: CONFORMS TO USAR SECTIONS: 3.2, 3.6, 3.7, 4.6.3,
5.2, 6.6 and 10.3.4

Is there a change to Technical Specifications?

☐ YES ☒ NO

Is there an effect on the environment or change to the Environmental Protection Plan?

☐ YES ☒ NO

REASON: NO EFFECT ON THE ENVIRONMENT OR THE EPP. VERIFIED
SYSTEM INTEGRITY FOR CLASS 1, 2 AND 3 SYSTEMS AND COMPONENTS

- ☒ Answers to all questions are 'NO'. No potential for an Unreviewed Safety or Environmental Question exists. No further review required.
- ☐ Answers to one or more questions is 'YES'. Further review required.

Safety Eval. No. _____

Environmental Eval No. _____

PREPARED <u>Paul Pite III</u>	DATE <u>19/25/90</u>	REVIEWED <u>Robert J. Linder</u>	DATE <u>19-25-90</u>	APPROVED <u>[Signature]</u>	DATE <u>10/4/0</u>
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APPROVAL	RESPONSIBLE MANAGER <u>[Signature]</u>	DATE <u>10/6/0</u>
	FORC MTG. NO. _____	DATE _____
	RECOMMENDED FOR <input type="checkbox"/> APPROVAL <input type="checkbox"/> DISAPPROVAL	DATE _____
	DIRECTOR PPTD <u>NA</u> GENERAL MANAGER PPOD	DATE _____

EFFECTIVE DATE

10-10-90

DISAPPROVAL	REASON FOR DISAPPROVAL	DATE _____
	ENTERED BY	DATE _____
	DATE _____	

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 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 requirements of ASME Section XI, Article IWB:

IR No.

IR-001	IR-007
IR-002	IR-008
IR-003	IR-009
IR-004	IR-016 - (Deleted)
IR-005	IR-017 - (Deleted)
IR-006	IR-018

Inservice Examination Interval Listing (Cont.)

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305
EXAMINATION CATEGORY: B-C-1					
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	1	006-112
B6.40	1B13-B8-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-B8-V	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	1	006-112
B6.40	1B13-B9-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-B9-V	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
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	2	006-112
B6.40	1B13-C1-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-C1-V	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
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	2	006-112
B6.40	1B13-C2-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-C2-V	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	2	006-112
B6.40	1B13-C3-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-C3-V	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
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	2	006-112
B6.40	1B13-C4-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-C4-V	RPV CLOSURE HEAD WASHER	VT-1	2	006-112

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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					
B6.10	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	2	006-112
B6.40	1B13-C5-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-C5-V	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	2	006-112
B6.40	1B13-C6-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-C6-V	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
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	2	006-112
B6.40	1B13-C7-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-C7-V	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
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	2	006-112
B6.40	1B13-C8-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-C8-V	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	2	006-112
B6.40	1B13-C9-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-C9-V	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
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	1	006-112
B6.40	1B13-D1-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-D1-V	RPV CLOSURE HEAD WASHER	VT-1	1	006-112

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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					
B6.10	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	1	006-112
B6.40	1B13-D2-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-D2-V	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	1	006-112
B6.40	1B13-D3-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-D3-V	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
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	1	006-112
B6.40	1B13-D4-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-D4-V	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
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	1	006-112
B6.40	1B13-D5-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-D5-V	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	1	006-112
B6.40	1B13-D6-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-D6-V	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	1	006-112
B6.40	1B13-D6-T	RPV SHELL, THREADS IN FLANGE AREA	UT	1	006-112
B6.50	1B13-D6-V	RPV CLOSURE HEAD WASHER	VT-1	1	006-112
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	2	006-112
B6.40	1B13-D7-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-D7-V	RPV CLOSURE HEAD WASHER	VT-1	2	006-112

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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					
B6.10	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	2	006-112
B6.40	1B13-D8-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-D8-V	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	2	006-112
B6.40	1B13-D9-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-D9-V	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	2	006-112
B6.40	1B13-E1-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E1-V	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
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	2	006-112
B6.40	1B13-E2-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E2-V	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	2	006-112
B6.40	1B13-E3-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E3-V	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
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	2	006-112
B6.40	1B13-E4-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E4-V	RPV CLOSURE HEAD WASHER	VT-1	2	006-112

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305
EXAMINATION CATEGORY: B-G-1					
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	2	006-112
B6.40	1B13-E5-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E5-V	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	2	006-112
B6.40	1B13-E6-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E6-V	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	2	006-112
B6.40	1B13-E7-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E7-V	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
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	2	006-112
B6.40	1B13-E8-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E8-V	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	2	006-112
B6.40	1B13-E9-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-E9-V	RPV CLOSURE HEAD WASHER	VT-1	2	006-112
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	2	006-112
B6.40	1B13-F1-T	RPV SHELL, THREADS IN FLANGE AREA	UT	2	006-112
B6.50	1B13-F1-V	RPV CLOSURE HEAD WASHER	VT-1	2	006-112

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-G-1					
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	2	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	2	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
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	3	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
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	3	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	3	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
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	3	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

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-G-1					
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	3	006-112
B6.40	1B13-F8-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-F8-V	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	3	006-112
B6.40	1B13-F9-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-F9-V	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
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	3	006-112
B6.40	1B13-G1-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-G1-V	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
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	3	006-112
B6.40	1B13-G2-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-G2-V	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	3	006-112
B6.40	1B13-G3-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-G3-V	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
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	3	006-112
B6.40	1B13-G4-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-G4-V	RPV CLOSURE HEAD WASHER	VT-1	3	006-112

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: B-G-1					
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	3	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	3	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
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	3	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
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	3	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	3	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
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	3	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

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EXAMINATION CATEGORY: B-G-1					
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	3	006-112
B6.40	1B13-H2-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-H2-V	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	3	006-112
B6.40	1B13-H3-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-H3-V	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
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	3	006-112
B6.40	1B13-H4-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-H4-V	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
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	3	006-112
B6.40	1B13-H5-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-H5-V	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	3	006-112
B6.40	1B13-H6-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-H6-V	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
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	3	006-112
B6.40	1B13-H7-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-H7-V	RPV CLOSURE HEAD WASHER	VT-1	3	006-112

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EXAMINATION CATEGORY: B-G-1					
B6.10	1B13-B8-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-B8-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-B8-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	3	006-112
B6.40	1B13-B8-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-B8-V	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
B6.10	1B13-B9-N	RPV CLOSURE HEAD NUT	UT/MT	3	006-112
B6.20	1B13-B9-S	RPV CLOSURE HEAD STUD	UT	3	006-112
B6.30	1B13-B9-S(R)	RPV CLOSURE HEAD STUD (WHEN REMOVED)	MT	3	006-112
B6.40	1B13-B9-T	RPV SHELL, THREADS IN FLANGE AREA	UT	3	006-112
B6.50	1B13-B9-V	RPV CLOSURE HEAD WASHER	VT-1	3	006-112
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			
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

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EXAMINATION CATEGORY: B-G-1					
B6.230	1B21-F028D-17N	NSIV NUT	VT-1	NS	605-110
B6.230	1B21-F028D-18N	NSIV NUT	VT-1	NS	605-110
B6.220	1B21-F028D-FLG	NSIV FLANGE SURFACE	VT-1	NS	605-110
EXAMINATION CATEGORY: B-G-2					
B7.10	1B13-N7-B	N7 RPV HEAD SPARE NOZ. BOLTING	VT-1	2	006-103
B7.10	1B13-N8-B	N8 RPV HEAD SPRAY NOZ. BOLTING	VT-1	1,2,3	006-103
B7.10	1B13-N16-B	N16 VIBRATION NOZ. BOLTING	VT-1	1	006-105
B7.20		NO BOLTING			
B7.30		NO BOLTING			
B7.40		NO BOLTING			
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-F041H-B	SRV BOLTING, 12 EACH	VT-1	1,2,3	605-102
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	605-102
B7.50	1B21-F047D-B	SRV BOLTING, 12 EACH	VT-1	1,2,3	605-104
B7.50	1B21-F047E-B	SRV BOLTING, 12 EACH	VT-1	1,2,3	605-102
B7.50	1B21-F047F-B	SRV BOLTING, 12 EACH	VT-1	1,2,3	605-103
B7.50	1B21-F047G-B	SRV BOLTING, 12 EACH	VT-1	1,2,3	605-104
B7.50	1B21-F047H-B	SRV BOLTING, 12 EACH	VT-1	1,2,3	605-101
B7.50	1B21-F051A-B	SRV BOLTING, 12 EACH	VT-1	1,2,3	605-102
B7.50	1B21-F051B-B	SRV BOLTING, 12 EACH	VT-1	1,2,3	605-103
B7.50	1B21-F051C-B	SRV BOLTING, 12 EACH	VT-1	1,2,3	605-104
B7.50	1B21-F051D-B	SRV BOLTING, 12 EACH	VT-1	1,2,3	605-103
B7.50	1B21-F051G-B	SRV BOLTING, 12 EACH	VT-1	1,2,3	605-106
B7.50	1B21-0168-B	HEAD VENT/POOL FLOOR FLANGE CONNECTION BOLTING	VT-1	1,2,3	605-105
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 FLG DECON CONN.	VT-1	2	602-102

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EXAMINATION CATEGORY: B-G-2					
B7.50	1B33-0017-B	BLANK FLG DECON CORR.	VT-1	3	602-102
B7.50	1B33-0072-B	BLANK FLG DECON CORR.	VT-1	3	602-104
B7.50	1B33-0079-B	BLANK FLG DECON CORR.	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-FC23B-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	3	701-108
B7.80	1B13-02/23-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-02/27-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-02/31-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-02/35-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-02/39-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-06/15-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-06/19-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-06/23-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-06/27-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-06/31-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-06/35-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-06/39-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-06/43-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-06/47-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-10/11-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-10/15-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-10/19-B	CRD FLANGE BOLTING	VT-1	1	006-110
B7.80	1B13-10/23-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-10/27-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-10/31-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-10/35-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-10/39-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-10/43-B	CRD FLANGE BOLTING	VT-1	3	006-110

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EXAMINATION CATEGORY: B-G-2					
B7.80	1B13-10/47-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-10/51-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-14/07-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-14/11-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-14/15-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-14/19-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-14/23-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-14/27-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-14/31-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-14/35-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-14/39-B	CRD FLANGE BOLTING	VT-1	1	006-110
B7.80	1B13-14/43-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-14/47-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-14/51-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-14/55-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-18/07-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-18/11-B	CRD FLANGE BOLTING	VT-1	1	006-110
B7.80	1B13-18/15-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-18/19-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-18/23-B	CRD FLANGE BOLTING	VT-1	1	006-110
B7.80	1B13-18/27-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-18/31-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-18/35-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-18/39-B	CRD FLANGE BOLTING	VT-1	1	006-110
B7.80	1B13-18/43-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-18/47-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-18/51-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-18/55-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-22/03-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-22/07-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-22/11-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-22/15-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-22/19-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-22/23-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-22/27-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-22/31-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-22/35-B	CRD FLANGE BOLTING	VT-1	NS	006-110

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EXAMINATION CATEGORY: B-G-2					
B7.80	1B13-22/39-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-22/43-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-22/47-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-22/51-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-22/55-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-22/59-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-26/03-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-26/07-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-26/11-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-26/15-B	CRD FLANGE BOLTING	VT-1	1	006-110
B7.80	1B13-26/19-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-26/23-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-26/27-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-26/31-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-26/35-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-26/39-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-26/43-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-26/47-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-26/51-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-26/55-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-26/59-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-30/03-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-30/07-B	CRD FLANGE BOLTING	VT-1	1	006-110
B7.80	1B13-30/11-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-30/15-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-30/19-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-30/23-B	CRD FLANGE BOLTING	VT-1	1	006-110
B7.80	1B13-30/27-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-30/31-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-30/35-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-30/39-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-30/43-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-30/47-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-30/51-B	CRD FLANGE BOLTING	VT-1	1	006-110
B7.80	1B13-30/55-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-30/59-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-34/03-B	CRD FLANGE BOLTING	VT-1	NS	006-110

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EXAMINATION CATEGORY: B-G-2					
87.80	1B13-34/07-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-34/11-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-34/15-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-34/19-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-34/23-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-34/27-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-34/31-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-34/35-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-34/39-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-34/43-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-34/47-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-34/51-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-34/55-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-34/59-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-38/03-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-38/07-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-38/11-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-38/15-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-38/19-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-38/23-B	CRD FLANGE BOLTING	VT-1	1	006-110
87.80	1B13-38/27-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-38/31-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-38/35-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-38/39-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-38/43-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-38/47-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-38/51-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-38/55-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-38/59-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-42/07-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-42/11-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-42/15-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-42/19-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-42/23-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-42/27-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-42/31-B	CRD FLANGE BOLTING	VT-1	NS	006-110
87.80	1B13-42/35-B	CRD FLANGE BOLTING	VT-1	NS	006-110

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EXAMINATION CATEGORY: B-G-2					
B7.80	1B13-54/47-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-58/23-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-58/27-B	CRD FLANGE BOLTING	VT-1	1	006-110
B7.80	1B13-58/31-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-58/35-B	CRD FLANGE BOLTING	VT-1	NS	006-110
B7.80	1B13-58/39-B	CRD FLANGE BOLTING	VT-1	NS	006-110

EXAMINATION CATEGORY: B-H

B8.10	1B13-CG	BOTTOM HEAD TO SKIRT	NT	1,3	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 Noz. Safe-end to Cap	PT	1	006-106
B9.11	1B21-0001	Safe-end to 26" Pipe	UT, PT	2	605-103
B9.12	1B21-0001-D	26" Pipe Seam, Dnstrm.	UT, PT	2	605-103
B9.11	1B21-0002	26" Pipe to Elbow	UT, PT	2	605-103
B9.12	1B21-0002-U	26" Pipe Seam, Upstrm.	UT, PT	2	605-103
B9.12	1B21-0002-D	26" Elbow Seam CW to Flow, Dnstrm.	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
B9.11	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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		EXAMINATION CATEGORY: B-G-2			
B9.12	1B21-0005-D	26" Elbow Seam, Clockwise to Flow, Downstream	UT, PT	NS	605-103
B9.11	1B21-0006	26" Pipe to Elbow	UT, PT	NS	605-103
B9.12	1B21-0006-U	26" Elbow Seam, Clockwise to Flow, Upstream	UT, PT	NS	605-103
B9.12	1B21-0006-D	26" Pipe Seam, Downstream	UT, PT	NS	605-103

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EXAMINATION CATEGORY: B-J					
B9.31	1B21-0007	26" Pipe to 26" x 10" Contour Nozzle	UT, PT	1	605-103
B9.31	1B21-0008	26" Pipe to 26" x 10" Contour Nozzle	UT, PT	2	605-103
B9.31	1B21-0009	26" Pipe to 26" x 10" Contour Nozzle	UT, PT	NS	605-103
B9.31	1B21-0010	26" Pipe to 26" x 10" Contour Nozzle	UT, PT	2	605-103
B9.31	1B21-0011	26" Pipe to 26" x 10" Contour Nozzle	UT, PT	NS	605-103
B9.31	1B21-0012	26" Pipe to 26" x 10" Contour Nozzle	UT, PT	NS	605-103
B9.11	1B21-0013	26" Pipe to Elbow	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	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 F122 Process Pipe	UT, PT	3	605-103
B9.11	1B21-0016	26" Penetration F122 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	Safe-end to 26" Pipe	UT, PT	3	605-104
B9.12	1B21-0038-D	26" Pipe Seam, Dnstrm.	UT, PT	3	605-104
B9.11	1B21-0039	26" Pipe to Elbow	UT, PT	3	605-104
B9.12	1B21-0039-U	26" Pipe Seam, Upstrm.	UT, PT	3	605-104
B9.12	1B21-0039-D	26" Elbow Seam CW to Flow, Dnstrm.	UT, PT	3	605-104
B9.11	1B21-0040	26" Pipe to Elbow	UT, PT	3	605-104
B9.11	1B21-0040-U	26" Elbow Seam CW to Flow, Upstrm.	UT, PT	3	605-104
B9.12	1B21-0040-D	26" Pipe Seam, Dnstrm.	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

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EXAMINATION CATEGORY: B-J					
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	UT, PT	1	602-104
B9.12	1B33-0088-U	Pipe Seam Upstrm.	UT, PT	1	602-104
B9.11	1B33-0089	16" Pipe Cap to Pipe	UT, PT	NS	602-103
B9.12	1B33-0089-U1	Pipe Seam Upstream	UT, PT	NS	602-103
B9.31	1B33-0090	16" Pipe to 16" x 12" Sweepolet	UT, PT	3	602-103
B9.31	1B33-0091	16" Pipe to 16" x 12" Sweepolet	UT, PT	1	602-103
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	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	UT, PT	2	602-103
B9.31	1B33-0095	16" Pipe to 16" x 12" Sweepolet	UT, PT	2	602-103
B9.11	1B33-0096	16" Pipe to Cap	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	UT, PT	2	602-103
B9.12	1B33-0097-D	Pipe Seam Dnstrm.	UT, PT	2	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	UT, PT	2	602-103
B9.12	1B33-0099-D	Pipe Seam Dnstrm.	UT, PT	2	602-103
B9.12	1B33-0099-U	Elbow Seam Upstrm.	UT, PT	2	602-103
B9.11	1B33-0100	12" Pipe to Nozzle N2F Safe-end	UT, PT	2	602-103
B9.12	1B33-0100-U	Pipe Seam Upstrm	UT, PT	2	602-103
B9.11	1B33-0102	16" x 12" Sweepolet to 12" Pipe	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	3	602-103
B9.12	1B33-0104-D	Pipe Seam Dnstrm.	UT, PT	3	602-103
B9.12	1B33-0104-U	Elbow Seam Upstrm.	UT, PT	3	602-103

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EXAMINATION CATEGORY: B-J					
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
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 Proc. Pipe	UT, PT	2	642-139
B9.11	1E12-0706	12" PRB2036 Proc. Pipe to Elbow	UT, PT	2	642-140
B9.11	1E12-0707	12" Elbow to Pipe	UT, PT	2	642-140
B9.11	1E12-0708	12" Pipe to Elbow	UT, PT	1	642-141
B9.11	1E12-0709	12" Elbow to Pipe	UT, PT	1	642-141
B9.11	1E12-0709	12" Elbow to Pipe	UT, PT	2	642-141
B9.11	1E12-0710	12" Pipe to Elbow	UT, PT	1	642-141
B9.11	1E12-0711	12" Elbow to Pipe	UT, PT	1	642-141
B9.11	1E12-0713	12" Vlv F041B to Pipe	UT, PT	1	642-141
B9.11	1E12-0713	12" Vlv F041B to Pipe	UT, PT	2	642-141
B9.11	1E12-0714	12" Pipe to Elbow	UT, PT	1	642-141
B9.11	1E12-0715	12" Elbow to Pipe	UT, PT	1	642-141
B9.11	1E12-0715	12" Elbow to Pipe	UT, PT	2	642-141
B9.11	1E12-0716	12" Pipe to Vlv F039B	UT, PT	2	642-141
B9.11	1E12-0717	12" Vlv F039B to Pipe	UT, PT	2	642-141
B9.11	1E12-0717	12" Vlv F039B to Pipe	UT, PT	3	642-141
B9.11	1E12-0718	12" Pipe to Elbow	UT, PT	3	642-141
B9.11	1E12-0719	12" Elbow to Pipe	UT, PT	3	642-141
B9.11	1E12-0720	12" Pipe to Safe-end Ext	UT, PT	3	642-141
B9.11	1E12-0720	12" Pipe to Safe-end Ext	UT, PT	NS	642-134
B9.11	1E12-0851	12" Valve F042C to Pipe	UT, PT	NS	642-134
B9.11	1E12-0851A	12" Pipe to Elbow	UT, PT	NS	642-134
B9.11	1E12-0851AA	12" Pipe to Pipe	UT, PT	2	642-134
B9.11	1E12-0852	12" Elbow to Pipe	UT, PT	2	642-134
B9.11	1E12-0853	12" Pipe to Elbow	UT, PT	2	642-134
B9.11	1E12-0853	12" Pipe to Elbow	UT, PT	NS	642-134
B9.11	1E12-0854	12" Elbow to Elbow	UT, PT	2	642-134
B9.11	1E12-0855	12" Elbow to Pipe	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 Pipe	UT, PT	2	642-134
B9.11	1E12-0856	12" Pipe to P411 Proc. Pipe	UT, PT	2	642-135
B9.11	1E12-0857	12" P411 Proc. 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	1E12-0860	12" Pipe to Elbow	UT, PT	1	642-142
B9.11	1E12-0861	12" Elbow to Pipe	UT, PT	1	642-142
B9.11	1E12-0862	12" Pipe to Elbow	UT, PT	3	642-142
B9.11	1E12-0863	12" Elbow to Pipe	UT, PT	3	642-142

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EXAMINATION CATEGORY: B-J					
B9.11	1E21-0004	12" Vlv F007 to Pipe	UT, PT	2	705-111
B9.11	1E21-0005	12" Pipe to Vlv F007	UT, PT	2	705-111
B9.11	1E21-0006	12" Elbow to Pipe	UT, PT	2	705-111
B9.11	1E21-0007	12" Pipe to Elbow	UT, PT	1	705-111
B9.11	1E21-0008	12" Vlv F006 to Pipe	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	UT, PT	1	705-111
B9.11	1E21-0011	12" FRB3046 Proc. Pipe to Elbow	UT, PT	2	705-111
B9.11	1E21-0012	12" Elbow to Pipe	UT, PT	2	705-110
B9.11	1E21-0012A	12" Pipe to FRB3046 Proc. Pipe	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	UT, PT	3	705-109
B9.11	1E21-0021	12" Pipe to Elbow	UT, PT	NS	705-109
B9.11	1E21-0022	12" Elbow to Pipe	UT, PT	3	705-109
B9.11	1E21-0023	12" P112 Proc. Pipe to Elbow	UT, PT	3	705-109
B9.11	1E21-0024	12" Pipe to P112 Proc. 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	Noz. to 12" Pipe	UT, PT	3	701-111
B9.11	1E22-0002	12" Pipe to Elbow	UT, PT	3	701-111
B9.11	1E22-0003	12" Elbow to Pipe	UT, PT	3	701-111
B9.11	1E22-0004	12" Pipe to Vlv F036	UT, PT	1	701-111
B9.11	1E22-0005	12" Vlv F036 to Pipe	UT, PT	1	701-111
B9.11	1E22-0006	12" Pipe to Elbow	UT, PT	1	701-111

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EXAMINATION CATEGORY: B-J					
B9.40	1E32-0206	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 Vlv F001E	PT	1	341-102
B9.40	1E32-0215	2" Coupling on Vlv F028A to Pipe	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" Red.	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
B9.40	1E32-0223	2-1/2" Pipe to 1-1/2" Branch Conn.	PT	3	341-101
B9.21	1E32-0224	1 1/2" Coupling to Pipe	PT	NS	341-101
B9.21	1E32-0225	1 1/2" Pipe to Elbow	PT	NS	341-101
B9.21	1E32-0226	1 1/2" Elbow to Pipe	PT	NS	341-101
B9.40	1E32-0227	1-1/2" Pipe to Vlv 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" Red.	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 Conn.	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
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 Vlv 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

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EXAMINATION CATEGORY: B-J					
B9.11	1E51-0021	6" P123 Proc. Pipe to Vlv F065	UT, PT	3	631-106
B9.11	1E51-0023	6" Vlv F065 to Pipe	UT, PT	3	631-106
B9.11	1E51-0024	6" Pipe to Elbow	UT, PT	3	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 Vlv F064	UT, PT	3	632-102
B9.11	1E51-0121	10" P422 Proc. Pipe to Pipe	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	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	NS	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
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	1G33-0007B	2" Tee to 2" x 3/4" Reducer	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	1	671-101
B9.40	1G33-0011	2" Elbow to Pipe	PT	NS	671-101
B9.40	1G33-0612	2" Pipe to Tee	PT	NS	671-101

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EXAMINATION CATEGORY: B-J					
B9.40	1G33-0013	2" Tee to 2" x 1 1/4" Reducing Insert	PT	NS	671-101
B9.40	1G33-0013A	2" x 1 1/4" Reducing Insert to Thermal Element (Dissimilar Metal)	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	2	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	1G33-0020A	2" x 1 1/4" Reducing Insert to Thermal Element	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	PT	NS	671-102
B9.40	1G33-0025	2" Elbow to Pipe	PT	2	671-102
B9.40	1G33-0025A	2" Pipe to Tee	PT	NS	671-102
B9.40	1G33-0025B	2" Tee to Reducer	PT	NS	671-102
B9.40	1G33-0025C	2" Tee to Pipe	PT	NS	671-102
B9.21	1G33-0026	2" Pipe to 3" x 2" Red.	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
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 Vlv F101	PT	3	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	3	671-102

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EXAMINATION CATEGORY: B-J					
B9.40	1G33-0038	1-1/2" Vlv F103 to Pipe	PT	3	671-102
B9.40	1G33-0039	1-1/2" Pipe to Vlv F103	PT	3	671-102
B9.40	1G33-0040	3" x 1-1/2" Tee to Pipe	PT	3	671-102
B9.21	1G33-0041	3" Pipe to Tee	PT	NS	671-102
B9.21	1G33-0042	3" Elbow to Pipe	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	NS	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	6" x 3" Red. to Pipe	PT	2	671-103
B9.11	1G33-0049	6" Pipe to Red.	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	UT, PT	2	671-103
B9.11	1G33-0055	6" Elbow to Pipe	UT, PT	2	671-103
B9.11	1G33-0056	6" Pipe to Elbow	UT, PT	2	671-103
B9.11	1G33-0057	6" Elbow to Pipe	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 Vlv F001	UT, PT	2	671-103
B9.11	1G33-0061	6" Vlv F001 to Pipe	UT, PT	1	671-103
B9.11	1G33-0062	6" Pipe to P131 Proc. Pipe	UT, PT	2	671-103
B9.11	1G33-0063	6" P131 Proc. Pipe to Pipe	UT, PT	3	671-104
B9.11	1G33-0064	6" Pipe to Vlv F004	UT, PT	3	671-104
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	UT, PT	NS	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	UT, PT	NS	671-103
B9.11	1G33-0070	4" Pipe to Elbow	UT, PT	NS	671-102
B9.11	1G33-0071	4" Elbow to Pipe	UT, PT	NS	671-102
B9.11	1G33-0072	4" Pipe to Elbow	UT, PT	1	671-103
B9.11	1G33-0073	4" Elbow to Pipe	UT, PT	3	671-105

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EXAMINATION CATEGORY: B-J					
B9.11	1G33-0111	4" Elbow to Pipe	UT, PT	1	671-107
B9.11	1G33-0112	4" Pipe to Elbow	UT, PT	1	671-107
B9.11	1G33-0113	4" Weldolet to Pipe (Dissimilar Metal)	UT, PT	1	671-107
E9.32	1G33-0144	4" Pipe to Half Coupling Branch Conn.	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	1	671-107
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 Conn.	PT	3	671-105
B9.40	1G33-0152	2" Half Coupling to Pipe	PT	3	671-105
E9.40	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" Vlv F505 to Pipe	PT	2	671-105
B9.40	1G33-0157	2" Pipe to Valve F506B	PT	NS	671-105
B9.40	1N22-0026	2" Coupling on Vlv F022C to Pipe	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	NS	121-102
B9.40	1N22-0032	2" Elbow to Pipe	PT	NS	121-102
B9.40	1N22-0033	2" Pipe to Elbow	PT	NS	121-102
B9.40	1N22-0034	2" Elbow to Pipe	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	2" Coupling on Vlv F022D to Pipe	PT	1	121-101
B9.40	1N22-0060	2" Pipe to Elbow	PT	NS	121-101

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B9.40	IN22-0061	2" Elbow to Pipe	PT	3	121-101

EXAMINATION CATEGORY: B-J

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EXAMINATION CATEGORY: B-J					
B9.40	1N22-0062	2" Pipe to Elbow	PT	2	121-101
B9.40	1N22-0063	2" Elbow to Pipe	PT	NS	121-101
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" Red. 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	NS	121-103
B9.21	1N22-0075	3" Vlv F016 to P423	PT	3	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	2" Coupling on Vlv F022B to Pipe	PT	3	121-101
B9.40	1N22-0104	2" Pipe to Elbow	PT	3	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	3	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	PT	NS	121-101
B9.40	1N22-0111	2" Elbow to Pipe	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	2" Coupling on Vlv F022A to Pipe	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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EXAMINATION CATEGORY: B-J					
B9.11	1N27-0037	14" x 12" Red. to Pipe	UT, PT	1	062-102
B9.11	1N27-0038	12" Pipe to Elbow	UT, PT	3	082-103
B9.11	1N27-0039	12" Elbow to Pipe	UT, PT	3	082-103
B9.11	1N27-0040	12" Pipe to Safe-end	UT, PT	3	082-103
B9.31	1N27-0041	20" Pipe to 14" Sweepolet	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	UT, PT	2	082-102
B9.11	1N27-0044	14" Elbow to Pipe	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	082-102
B9.11	1N27-0046A	12" Pipe to Pipe	UT, PT	NS	082-102
B9.11	1N27-0047	12" Pipe to Elbow	UT, PT	1	082-103
B9.11	1N27-0048	12" Elbow to Pipe	UT, PT	1	082-103
B9.11	1N27-0049	12" Pipe to Safe-end	UT, PT	3	082-103
B9.31	1N27-0050	20" Pipe to 14" Sweepolet	UT, PT	2	082-105
B9.11	1N27-0051	14" Sweepolet to 14" x 12" Red.	UT, PT	2	082-105
B9.11	1N27-0052	14" x 12" Red. to Pipe	UT, PT	2	082-105
B9.11	1N27-0053	12" Pipe to Elbow	UT, PT	3	082-106
B9.11	1N27-0054	12" Elbow to Pipe	UT, PT	3	082-106
B9.11	1N27-0055	12" Pipe to Safe-end	UT, PT	3	082-106
B9.31	1N27-0056	20" Pipe to 14" Sweepolet	UT, PT	1	082-105
B9.11	1N27-0057	14" Sweepolet to 14" x 12" Red.	UT, PT	1	082-105
B9.11	1N27-0058	14" x 12" Red. to Pipe	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	UT, PT	3	082-106
B9.11	1N27-0060	12" Elbow to Pipe	UT, PT	3	082-106
B9.11	1N27-0061	12" Pipe to Safe-end	UT, PT	3	082-106
B9.31	1N27-0062	20" Pipe to 14" Sweepolet	UT, PT	2	082-105
B9.11	1N27-0063	14" Sweepolet to Pipe	UT, PT	NS	082-105
B9.11	1N27-0064	12" Pipe to Elbow	UT, PT	2	082-105
B9.11	1N27-0065	12" Elbow to Pipe	UT, PT	2	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	082-105
B9.11	1N27-0067A	12" Pipe to Pipe	UT, PT	NS	082-105
B9.11	1N27-0068	12" Pipe to Elbow	UT, PT	1	082-106
B9.11	1N27-0069	12" Elbow to Pipe	UT, PT	1	082-106
B9.11	1N27-0070	12" Pipe to Safe-end	UT, PT	3	082-106

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EXAMINATION CATEGORY: B-J					
B9.22		Does Not Exist			
EXAMINATION CATEGORY: B-K-1					
B10.10	1B21-G101A-WA	Integral Welded Attachment for Rigid Guide	MT	2	605-101
B10.10	1B21-G101B-WA	Integral Welded Attachment for Rigid Guide	MT	1	605-102
B10.10	1B21-G101C-WA	Integral Welded Attachment for Rigid Guide	MT	3	605-103
B10.10	1B21-G101D-WA	Integral Welded Attachment for Rigid Guide	MT	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
B10.10	1B33-S351A-WA	Integral Welded Attachment for Variable Spring	PT	3	602-101
B10.10	1B33-S351B-WA	Integral Welded Attachment for Hydraulic Snubber	PT	2	602-103
B10.10	1B33-S352A-WA	Integral Welded Attachment for Hydraulic Snubber	PT	3	602-101
B10.10	1B33-S352B-WA	Integral Welded Attachment for Hydraulic Snubber	PT	2	602-103
B10.10	1B33-S353A-WA	Integral Welded Attachment for Hydraulic Snubber	PT	3	602-101
B10.10	1B33-S353B-WA	Integral Welded Attachment for Hydraulic Snubber	MT	2	602-103
B10.10	1B33-S354A-WA	Integral Welded Attachment for Hydraulic Snubber	MT	3	602-101
B10.10	1B33-S354B-WA	Integral Welded Attachment for Hydraulic Snubber	MT	2	602-103
B10.20	1B33-S372A-WA	Pump Welded Attachment	MT	1	602-102
B10.20	1B33-S372B-WA	Pump Welded Attachment	MT	2	602-104
B10.20	1B33-S373A-WA	Pump Welded Attachment	MT	1	602-102
B10.20	1B33-S373B-WA	Pump Welded Attachment	MT	2	602-104
B10.20	1B33-S374A-WA	Pump Welded Attachment	MT	2	602-102
B10.20	1B33-S374B-WA	Pump Welded Attachment	MT	3	602-104
B10.20	1B33-S375A-WA	Pump Welded Attachment	MT	2	602-102
B10.20	1B33-S375B-WA	Pump Welded Attachment	MT	3	602-104
B10.10	1C41-PRB4031-WA	PRB4031 Anchor Attachment to Process Pipe	PT	3	691-102
B10.10	1E12-B0100-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

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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			

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	1	602-102
B12.20	1B33-C001B-IS	Pump C001B Internal Surface	VT-3	1	602-104

EXAMINATION CATEGORY: B-H-1

B12.30	1G33-F0101-SEAM	3" Gate Valve, Body Weld (Grouping Number X)	PT	3	671-102
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

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EXAMINATION CATEGORY: B-M-2					
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	3	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	3	602-102
B12.50	1B33-F0067B-IS	24" Gate Valve, Internal Surface (Grouping Number VII)	VT-3	3	602-104
B12.50	1E12-F0008-IS	20" Gate Valve, Internal Surface (Grouping Number XI)	VT-3	3	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	3	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	3	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
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	3	701-108
B12.50	1E22-F0005-IS	12" Check Valve, Internal Surface (Grouping Number XX)	VT-3	3	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	3	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

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EXAMINATION CATEGORY: B-0					
B14.10	1B13-30/59-HW	CRD Housing to Housing Weld	PT	2	006-110
B14.10	1B13-34/03-FV	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-FV	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-FV	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-FV	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-FV	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-FV	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-FV	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-FV	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-FV	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-FV	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-FV	CRD Housing to Flange Weld	PT	NS	006-110
B14.10	1B13-58/23-HW	CRD Housing to Housing Weld	PT	NS	006-110
B14.10	1B13-58/27-FV	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-FV	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-FV	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-FV	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

B15.10	PR Components	Reactor Vessel-System Leakage Test
B15.11	PR Components	Reactor Vessel-System Hydrostatic Test
B15.20	Pressurizer	Not Applicable at PNPP

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VT-2 3

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EXAMINATION CATEGORY: B-P					
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	3	
B15.60	Pumps	Pumps-System Leakage Test	VT-2	1,2,3	
B15.61	Pumps	Pumps-System Hydrostatic Test	VT-2	3	
B15.70	Valves	Valves-System Leakage Test	VT-2	1,2,3	
B15.71	Valves	Valves-System Hydrostatic Test	VT-2	3	

EXAMINATION CATEGORY: B-Q

B16.10	Steam Gen	Not Applicable at PNPP			
B16.20	Steam Gen	Not Applicable at PNPP			

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: C-B					
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	371-103
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
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	HT. EXCH. SUPPORT BRACKET WELDED ATT.	MT	1	641-121
C3.10	1E12-B001A-SB2-WA	HT. EXCH. SUPPORT BRACKET WELDED ATT.	MT	2	641-121

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: C-C					
C3.30	1E12-C002A-SP2-WA	RIGID PUMP GUIDE	NT	3	641-120
C3.30	1E12-C002A-SP3-WA	RIGID PUMP GUIDE	NT	3	641-120
C3.30	1E12-C002A-SP4-WA	RIGID PUMP GUIDE	NT	3	641-120
C3.30	1E12-C002B-SP2-WA	RIGID PUMP GUIDE	NT	NS	641-123
C3.30	1E12-C002B-SP3-WA	RIGID PUMP GUIDE	NT	NS	641-123
C3.30	1E12-C002B-SP4-WA	RIGID PUMP GUIDE	NT	NS	641-123
C3.30	1E12-C002C-SP2-WA	RIGID PUMP GUIDE	NT	NS	643-122
C3.30	1E12-C002C-SP3-WA	RIGID PUMP GUIDE	NT	NS	643-122
C3.30	1E12-C002C-SP4-WA	RIGID PUMP GUIDE	NT	NS	643-122
C3.20	1E12-H0044-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	2	642-137
C3.20	1E12-H0099-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	3	643-122
C3.20	1E12-H0118-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	1	642-119
C3.20	1E12-H0120-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	2	643-110
C3.20	1E12-H0169-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	1	642-111
C3.20	1E12-H0173-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	3	642-110
C3.20	1E12-H0187-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	2	643-101
C3.20	1E12-H0263-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	1	642-127
C3.20	1E12-H0281-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	3	643-102
C3.20	1E12-H0289-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	2	641-101
C3.20	1E12-H0290-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	1	641-101
C3.20	1E12-H0308-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	3	642-105
C3.20	1E12-H0320-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	3	641-101
C3.20	1E12-H0322-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	1	642-103
C3.20	1E12-H0323-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	2	642-103
C3.20	1E12-H0354-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	1	642-122
C3.20	1E12-H0359-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	2	642-116
C3.20	1E12-H0360-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	1	642-116
C3.20	1E12-H0368-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	2	642-114
C3.20	1E12-H0369-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	3	642-114
C3.20	1E12-H0372-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	2	642-113
C3.20	1E12-H0401-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	3	642-109
C3.20	1E12-H0411-WA	PIPING SUPPORT WELDED ATTACHMENT	NT	3	642-135

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EXAMINATION CATEGORY: C-C					
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-H0489-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-H0533-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	641-105
C3.20	1E12-H0611-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	641-114
C3.20	1E12-H0617-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	643-110
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-H0724-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	642-121
C3.20	1E12-H0731-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	642-101
C3.20	1E12-P105-WA	PENETRATION P105 FLUED HEAD TO PROCESS PIPE WELDED ATTACHMENT	MT	3	642-121
C3.20	1E12-P113-WA	PENETRATION P113 FLUED HEAD TO PROCESS PIPE WELDED ATTACHMENT	MT	2	642-126
C3.20	1E12-P407-WA	PENETRATION P407 FLUED HEAD TO PROCESS PIPE WELDED ATTACHMENT	MT	3	642-133
C3.20	1E12-P412-WA	PENETRATION P412 FLUED HEAD TO PROCESS PIPE WELDED ATTACHMENT	MT	2	642-137
C3.30	1E21-C001-SP2-WA	RIGID PUMP GUIDE	MT	3	705-113
C3.30	1E21-C001-SP3-WA	RIGID PUMP GUIDE	MT	3	705-113
C3.30	1E21-C001-SP4-WA	RIGID PUMP GUIDE	MT	3	705-113
C3.20	1E21-H0020-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	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	3	701-114
C3.30	1E22-C001-SP3-WA	RIGID PUMP GUIDE	MT	3	701-114

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EXAMINATION CATEGORY: C-C					
C3.20	1E22-H0027-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	701-102
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-H0087-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	701-113
C3.20	1E22-H0107-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	2	701-105
C3.20	1E22-H0123-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	701-113
C3.30	1E51-C001-A-WA	PUMP SUPPORT WELDED ATTACHMENT	MT	1, 3	631-109
C3.30	1E51-C001-B-WA	PUMP SUPPORT WELDED ATTACHMENT	MT	1, 3	631-109
C3.30	1E51-C001-C-WA	PUMP SUPPORT WELDED ATTACHMENT	MT	1, 3	631-109
C3.30	1E51-C001-D-WA	PUMP SUPPORT WELDED ATTACHMENT	MT	1, 3	631-109
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	MT	1	605-108
C3.20	1N11-H0222-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	605-110
C3.20	1N11-H0223-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	605-107
C3.20	1N11-H0224-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	605-109
C3.20	1N27-H0031-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	082-104
C3.20	1N27-H0032-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	3	082-101
C3.20	1N45-H0611-WA	PIPING SUPPORT WELDED ATTACHMENT	MT	1	792-113
C3.40		NOT APPLICABLE AT PNPP			

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EXAMINATION CATEGORY: C-F-2

ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD	SS-305-
C5.51	1E22-0068	24" PIPE TO ELBOW	UT, PT	NS	701-192
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" PENE. P401 PROCESS PIPE TO ELBOW	UT, PT	1	701-105
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
C5.51	1E22-0086	12" X 12" X 12" TEE TO 12" PIPE	UT, PT	3	701-105
C5.51	1E22-0087	12" PIPE TO ELBOW	UT, PT	NS	701-105
C5.51	1E22-0088	12" ELBOW TO PIPE	UT, PT	NS	701-112
C5.51	1E22-0088A	12" PIPE TO PIPE	UT, PT	NS	701-113
C5.51	1E22-0089	12" PIPE TO ELBOW	UT, PT	NS	701-113
C5.51	1E22-0090	12" PIPE TO VALVE F023	UT, PT	NS	701-113
C5.51	1E22-0091	6" SWEEPolet TO 6" PIPE	UT, PT	NS	701-108
C5.51	1E22-0104	6" PIPE TO ELBOW	UT, PT	2	701-108
C5.51	1E22-0105	6" ELBOW TO PIPE	UT, PT	NS	701-108
C5.51	1E22-0106	6" PIPE TO VALVE F003	UT, PT	NS	701-108
C5.51	1E22-0107	6" PIPE TO 6" SWEEPolet	UT, PT	NS	701-104
C5.51	1E22-0109	6" ELBOW TO PIPE	UT, PT	2	701-104
C5.51	1E22-0110	6" PIPE TO ELBOW	UT, PT	NS	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	701-103
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

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EXAMINATION CATEGORY: C-F-2					
C5.51	1E51-0051	6" VALVE F502 TO FLANGE	UT, PT	3	631-102
C5.51	1E51-0052	6" FLANGE TO STRAINER D025 (<.375 NUT)	N/A	NS	631-110
C5.51	1E51-0053	6" STRAINER D025 TO FLANGE (<.375 NUT)	N/A	NS	631-110
C5.51	1E51-0054	6" FLANGE TO ELBOW (<.375 NUT)	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" 6" X 6" X 4" TEE TO 6" X 6" X 6" TEE (<.375 NWT)	N/A	NS	631-110
C5.51	1E51-0060	6" TEE TO PIPE (<.375 NWT)	N/A	NS	631-111
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
C5.51	1E51-0062A	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	631-112
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 PENE. P101 PROCESS PIPE (<.375 NWT)	N/A	NS	631-110
C5.51	1E51-0075	6" TEE 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	1E51-0076A	6" PIPE TO PIPE (<.375 NWT)	N/A	NS	631-110
C5.51	1E51-0077	6" PIPE TO VALVE F010	N/A	NS	631-110
C5.51	1E51-0080	12" PIPE TO SPARGER	UT, PT	NS	631-101

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EXAMINATION CATEGORY: D-B					
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-H0383-WA	Integral Attachment Rigid Guide	VT-3	2	792-110
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 Mechanical Snubber	VT-3	2	791-101
D2.20	1P45-H0417-WA	Integral Attachment Rigid Guide	VT-3	1	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 Mechanical Snubber	VT-3	3	792-114
D2.30	1P45-H0512-WA	Integral Attachment Mechanical Snubber	VT-3	2	792-111
D2.30	1P45-H0515-WA	Integral Attachment Mechanical Snubber	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	792-101
D2.20	1P45-H0643-WA	Integral Attachment Rigid Guide	VT-3	1	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	1	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	2	791-110
D2.20	1P45-H1228-WA	Integral Attachment Rigid Guide	VT-3	2	792-118
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-AC02B-WA	Integral Attachment Expansion Tank Anchor	VT-3	3	002-115

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: D-B					
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-D0010A-WA	Integral Attachment Standby Diesel Silencer Anchor	VT-3	2	355-107
D2.20	1R48-D0010B-WA	Integral Attachment Standby Diesel Silencer Anchor	VT-3	3	355-106
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-H0017-WA	Integral Attachment Rigid Rod	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
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	1	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
D2.30	2P42-H0018-WA	Integral Attachment Mechanical Snubber	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	2	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

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		EXAMINATION CATEGORY: D-B			
D2.20	2P42-H0146-VA	Integral Attachment Rigid Guide	VT-3	3	623-108
D2.20	2P42-H0148-VA	Integral Attachment Rigid Strut	VT-3	3	623-104
D2.20	2P42-H0153-VA	Integral Attachment Rigid Strut	VT-3	3	623-103
D2.20	2P42-H0265-VA	Integral Attachment Anchor	VT-3	3	623-104
D2.20	2P42-H0273-VA	Integral Attachment Anchor	VT-3	3	623-108

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5. Variable Spring
6. Constant Support
7. Mechanical Snubber
8. Hydraulic Snubber

5.1 Support Selection and Exemptions

Section XI is somewhat vague in the description of selection supports for examination. Therefore, the ISEP utilizes code interpretation #XI-1-83-12R-2 which states:

Component supports selected for examination shall be the supports of those nonexempt components and nonexempt portions of piping within the system boundary that are required to be examined by volumetric, surface, or visual (VT-1 or VT-3) examination methods. TC

NOTE 1: Code Case N-408 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 by reference to this note in the table. TC

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 equal in number and similar in type, design and function to those initially examined.

If any of the additional examinations require corrective measures, the remaining supports within the system of the same type, design, and function 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.

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO IS-305-
EXAMINATION CATEGORY: F-A					
F3.10	1B21-B0101A	Rigid Strut (WA) MPL 1B21G7000	VT-3	1	605-128
F3.10	1B21-B0101B	Rigid Strut (WA) MPL 1B21G7002	VT-3	1	605-112
F3.10	1B21-B0101C	Rigid Strut (WA) MPL 1B21G7003	VT-3	2	605-122
F3.10	1B21-B0101D	Rigid Strut (WA) MPL 1B21G7004	VT-3	3	605-116
F3.10	1B21-B0102B	Rigid Strut (WA) MPL 1B21G7005	VT-3	3	605-120
F3.10	1B21-B0102C	Rigid Strut (WA) MPL 1B21G7006	VT-3	3	605-127
F3.10	1B21-B0103B	Rigid Strut (WA) MPL 1B21G7007	VT-3	1	605-121
F3.10	1B21-B0103C	Rigid Strut (WA) MPL 1B21G7001	VT-3	1	605-125
F1.10	1B21-G101A	Rigid Guide (WA) MPL 1B21G7030	VT-3	2	605-101
F1.10	1B21-G101B	Rigid Guide (WA) MPL 1B21G7031	VT-3	1	605-102
F1.10	1B21-G101C	Rigid Guide (WA) MPL 1B21G7032	VT-3	3	605-103
F1.10	1B21-G101D	Rigid Guide (WA) MPL 1B21G7033	VT-3	3	605-104
F1.10	1B21-G102A	Rigid Guide (In Pen Guard Pipe)	VT-3	NS	605-107
F1.10	1B21-G102B	Rigid Guide (In Pen Guard Pipe)	VT-3	NS	605-108
F1.10	1B21-G102C	Rigid Guide (In Pen Guard Pipe)	VT-3	NS	605-109
F1.10	1B21-G102D	Rigid Guide (In Pen Guard Pipe)	VT-3	NS	605-110
F3.10	1B21-H0001	Anchor (WA)	VT-3	1	605-128
F3.10	1B21-H0002	Mech. Snubber	VT-3	2	605-128
F3.10	1B21-H0004	Mech. Snubber	VT-3	3	605-128
F3.10	1B21-H0005	Mech. Snubber	VT-3	1	605-128
F3.10	1B21-H0006	Mech. Snubber (WA)	VT-3	2	605-128
F3.10	1B21-H0007	Mech. Snubber (WA) (Tandem)	VT-3	3	605-128
F3.10	1B21-H0008	Variable Spring	VT-3	1	605-127
F3.10	1B21-H0009	Mech. Snubber (Tandem)	VT-3	2	605-127
F3.10	1B21-H0010	Mech. Snubber (WA) (Tandem)	VT-3	2	605-127
F3.10	1B21-H0011	Anchor (WA)	VT-3	3	605-127
F3.10	1B21-H0012	Mech. Snubber	VT-3	2	605-127
F3.10	1B21-H0013	Mech. Snubber (WA)	VT-3	1	605-127
F3.10	1B21-H0014	Mech. Snubber	VT-3	2	605-127
F3.10	1B21-H0015	Mech. Snubber	VT-3	3	605-113
F3.10	1B21-H0016	Anchor (WA)	VT-3	1	605-125
F3.10	1B21-H0020	Mech. Snubber (WA) (Tandem)	VT-3	3	605-125
F3.10	1B21-H0021	Mech. Snubber (WA)	VT-3	1	605-125
F3.10	1B21-H0022	Mech. Snubber	VT-3	1	605-125
F3.10	1B21-H0023	Mech. Snubber (WA)	VT-3	2	605-125
F3.10	1B21-H0024	Mech. Snubber	VT-3	3	605-125
F3.10	1B21-H0025	Mech. Snubber (WA) (Tandem)	VT-3	3	605-113

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EXAMINATION CATEGORY: F-A					
F3.10	1B21-H0174	Mech. Snubber (VA) (Tandem)	VT-3	2	605-122
F3.10	1B21-H0175	Rigid Guide (VA)	VT-3	3	605-122
F3.10	1B21-H0176	Rigid Guide (VA)	VT-3	3	605-130
F3.10	1B21-H0177	Rigid Guide (VA)	VT-3	3	605-118
F3.10	1B21-H0178	Mech. Snubber (VA) (Tandem)	VT-3	3	605-120
F3.10	1B21-H0179	Rigid Guide (VA)	VT-3	1	605-124
F3.10	1B21-H0180	Anchor (VA)	VT-3	3	605-119
F3.10	1B21-H0181	Mech. Snubber (VA) (Tandem)	VT-3	1	605-119
F3.10	1B21-H0183	Mech. Snubber	VT-3	2	605-119
F3.10	1B21-H0184	Mech. Snubber	VT-3	3	605-119
F3.10	1B21-H0185	Mech. Snubber	VT-3	1	605-119
F3.10	1B21-H0186	Rigid Guide (VA)	VT-3	1	605-119
F3.10	1B21-H0187	Mech. Snubber (VA) (Tandem)	VT-3	3	605-120
F3.10	1B21-H0188	Rigid Strut (VA)	VT-3	2	605-120
F3.10	1B21-H0191	Mech. Snubber (VA)	VT-3	2	605-118
F3.10	1B21-H0192	Rigid Guide (VA)	VT-3	2	605-118
F3.10	1B21-H0201	Rigid Strut	VT-3	3	605-121
F3.10	1B21-H0202	Rigid Guide	VT-3	1	605-121
F3.10	1B21-H0203	Rigid Strut (VA)	VT-3	3	605-116
F3.10	1B21-H0204	Rigid Strut (VA)	VT-3	1	605-130
F3.10	1B21-H0205	Rigid Strut (VA) (Tandem)	VT-3	1	605-129
F3.10	1B21-H0206	Rigid Strut (VA)	VT-3	2	605-128
F3.10	1B21-H0207	Rigid Strut (VA)	VT-3	2	605-127
F3.10	1B21-H0208	Rigid Strut (VA)	VT-3	3	605-125
F3.10	1B21-H0209	Rigid Strut (VA)	VT-3	3	605-124
F3.10	1B21-H0210	Rigid Strut (VA)	VT-3	3	605-126
F3.10	1B21-H0211	Rigid Strut (VA)	VT-3	1	605-123
F3.10	1B21-H0212	Rigid Strut (VA)	VT-3	1	605-122
F3.10	1B21-H0213	Rigid Strut (VA)	VT-3	2	605-112
F3.10	1B21-H0214	Rigid Strut (VA)	VT-3	2	605-113
F3.10	1B21-H0215	Rigid Strut (VA)	VT-3	3	605-114
F3.10	1B21-H0216	Rigid Strut (VA)	VT-3	3	605-115
F3.10	1B21-H0217	Rigid Strut (VA)	VT-3	3	605-121
F3.10	1B21-H0218	Rigid Strut (VA)	VT-3	1	605-120
F3.10	1B21-H0219	Rigid Strut (VA) (Tandem)	VT-3	1	605-119
F3.10	1B21-H0220	Rigid Strut (VA)	VT-3	2	605-118
F3.10	1B21-H0221	Rigid Strut (VA)	VT-3	2	605-117

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EXAMINATION CATEGORY: F-A					
F3.10	1B21-H0222	Mechanical Snub. (VA)	VT-3	3	605-119
F3.10	1B21-H0406	Rigid Strut	VT-3	1	605-125
F3.10	1B21-H0407	Rigid Strut	VT-3	2	605-125
F3.10	1B21-H0408	Mechanical Snub.	VT-3	3	605-125
F3.10	1B21-H0409	Variable Spring (VA)	VT-3	3	605-125
F3.10	1B21-H0410	Mechanical Snub.	VT-3	1	605-125
F3.10	1B21-H0411	Rigid Guide	VT-3	2	605-125
F3.10	1B21-H0412	Mechanical Snub. (VA)	VT-3	3	605-121
F3.10	1B21-H0413	Variable Spring (VA)	VT-3	1	605-121
F3.10	1B21-H0414	Rigid Guide	VT-3	2	605-121
F3.10	1B21-H0415	Rigid Strut	VT-3	3	605-121
F3.10	1B21-H0416	Variable Spring (VA)	VT-3	1	605-115
F3.10	1B21-H0419	Variable Spring (VA)	VT-3	3	605-118
F3.10	1B21-H0420	Variable Spring (VA)	VT-3	1	605-112
F3.10	1B21-H0421	Mechanical Snub.	VT-3	2	605-112
F3.10	1B21-H0423	Mechanical Snub. (VA)	VT-3	3	605-112
F3.10	1B21-H0424	Variable Spring (VA)	VT-3	1	605-126
F3.10	1B21-H0425	Variable Spring	VT-3	2	605-122
F3.10	1B21-H0427	Mechanical Snub. (VA)	VT-3	3	605-126
F3.10	1B21-H0428	Variable Spring (VA)	VT-3	2	605-113
F3.10	1B21-H0429	Variable Spring	VT-3	3	605-130
F3.10	1B21-H0433	Variable Spring (VA)	VT-3	3	605-129
F3.10	1B21-H0436	Rigid Strut	VT-3	1	605-117
F3.10	1B21-H0437	Variable Spring (VA)	VT-3	1	605-128
F3.10	1B21-H0438	Variable Spring	VT-3	2	605-128
F3.10	1B21-H0439	Variable Spring (VA)	VT-3	3	605-117
F1.10	1B21-H0441	Rigid Guide	VT-3	2	605-105
F1.10	1B21-H0442	Variable Spring (VA < .625")	VT-3	2	605-105
F1.10	1B21-H0443	Rigid Guide	VT-3	2	605-105
F1.10	1B21-H0444	Rigid Guide	VT-3	1	605-106
F1.10	1B21-H0445	Mechanical Snub.	VT-3	3	605-106
F1.10	1B21-H0446	Mechanical Snub. (VA < .625") (Tandem)	VT-3	2	605-106
F1.10	1B21-H0447	Mechanical Snub.	VT-3	2	605-106
F1.10	1B21-H0448	Variable Spring	VT-3	1	605-106
F1.10	1B21-H0449	Mechanical Snub.	VT-3	3	605-106
F1.10	1B21-H0450	Mechanical Snub.	VT-3	2	605-106
F1.10	1B21-H0451	Variable Spring	VT-3	2	605-106

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EXAMINATION CATEGORY: F-A					
F1.10	1B33-S351A	Hydraulic Snub. (VA), MPL 1B33G7052A	VT-3	3	602-101
F1.10	1B33-S351B	Hydraulic Snub. (VA), MPL 1B33G7052B	VT-3	2	602-103
F1.10	1B33-S352A	Hydraulic Snub. (VA), MPL 1B33G7053A	VT-3	3	602-101
F1.10	1B33-S352B	Hydraulic Snub. (VA), MPL 1B33G7053B	VT-3	2	602-103
F1.10	1B33-S353A	Hydraulic Snub. (VA), MPL 1B33G7054A	VT-3	3	602-101
F1.10	1B33-S353B	Hydraulic Snub. (VA), MPL 1B33G7054B	VT-3	2	602-103
F1.10	1B33-S354A	Hydraulic Snub. (VA), MPL 1B33G7055A	VT-3	3	602-101
F1.10	1B33-S354B	Hydraulic Snub. (VA), MPL 1B33G7055B	VT-3	2	602-103
F1.10	1B33-S356A	Hydraulic Snub., MPL 1B33G7056A	VT-3	1	602-102
F1.10	1B33-S356B	Hydraulic Snub., MPL 1B33G7056B	VT-3	1	602-104
F1.10	1B33-S357A	Hydraulic Snub., MPL 1B33G7057A	VT-3	2	602-102
F1.10	1B33-S357B	Hydraulic Snub., MPL 1B33G7057B	VT-3	2	602-104
F1.10	1B33-S358A	Hydraulic Snub., MPL 1B33G7058A	VT-3	3	602-102
F1.10	1B33-S358B	Hydraulic Snub., MPL 1B33G7058B	VT-3	1	602-104
F1.10	1B33-S359A	Hydraulic Snub., MPL 1B33G7059A	VT-3	1	602-102
F1.10	1B33-S359B	Hydraulic Snub., MPL 1B33G7059B	VT-3	2	602-104
F1.10	1B33-S360A	Hydraulic Snub., MPL 1B33G7060A	VT-3	2	602-102
F1.10	1B33-S360B	Hydraulic Snub., MPL 1B33G7060B	VT-3	3	602-104
F1.10	1B33-S361A	Hydraulic Snub., MPL 1B33G7061A	VT-3	1	602-102
F1.10	1B33-S361B	Hydraulic Snub., MPL 1B33G7061B	VT-3	3	602-104
F1.10	1B33-S362A	Hydraulic Snub., MPL 1B33G7062A	VT-3	3	602-102
F1.10	1B33-S362B	Hydraulic Snub., MPL 1B33G7062B	VT-3	3	602-104
F1.10	1B33-S363A	Hydraulic Snub., MPL 1B33G7063A	VT-3	3	602-102
F1.10	1B33-S363B	Hydraulic Snub., MPL 1B33G7063B	VT-3	2	602-104
F1.10	1B33-S369A	Hydraulic Snub., Pump, MPL 1B33G7064A	VT-3	1	602-102
F1.10	1B33-S369B	Hydraulic Snub., Pump, MPL 1B33G7064B	VT-3	1	602-104
F1.10	1B33-S370A	Hydraulic Snub., Pump, MPL 1B33G7065A	VT-3	2	602-102
F1.10	1B33-S370B	Hydraulic Snub., Pump, MPL 1B33G7065B	VT-3	2	602-104
F1.10	1B33-S371A	Hydraulic Snub., Pump, MPL 1B33G7066A	VT-3	3	602-102
F1.10	1B33-S371B	Hydraulic Snub., Pump, MPL 1B33G7066B	VT-3	3	602-104
F1.10	1B33-S372A	Hydraulic Snub., Pump (VA), MPL 1B33G7067A	VT-3	1	602-102
F1.10	1B33-S372B	Hydraulic Snub., Pump (VA), MPL 1B33G7067B	VT-3	2	602-104
F1.10	1B33-S373A	Hydraulic Snub., Pump (VA), MPL 1B33G7068A	VT-3	1	602-102
F1.10	1B33-S373B	Hydraulic Snub., Pump (VA), MPL 1B33G7068B	VT-3	2	602-104
F1.10	1B33-S374A	Hydraulic Snub., Pump (VA), MPL 1B33G7069A	VT-3	2	602-102
F1.10	1B33-S374B	Hydraulic Snub., Pump (VA), MPL 1B33G7069B	VT-3	3	602-104
F1.10	1B33-S375A	Hydraulic Snub., Pump (VA), MPL 1B33G7070A	VT-3	2	602-102

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EXAMINATION CATEGORY: F-A					
F1.10	1B33-S375B	Hydraulic Snub., Pump (WA), MPL 1B33G7070B	VT-3	3	602-104
F2.10	1C11-H0031	Rigid Guide (WA)	VT-3	1	871-103
F2.10	1C11-H0032	Rigid Guide (WA)	VT-3	1	871-103
F2.10	1C11-H0033	Rigid Guide (WA)	VT-3	1	871-103
F2.10	1C11-H0036	Rigid Strut	VT-3	2	871-103
F2.10	1C11-H0037	Rigid Strut	VT-3	3	871-103
F2.10	1C11-H0038	Rigid Guide (WA)	VT-3	2	871-103
F2.10	1C11-H0039	Rigid Guide (WA)	VT-3	2	871-103
F2.10	1C11-H0040	Rigid Guide (WA)	VT-3	3	871-104
F2.10	1C11-H0041	Rigid Guide (WA)	VT-3	2	871-104
F2.10	1C11-H0042	Rigid Guide (WA)	VT-3	2	871-104
F2.10	1C11-H0043	Rigid Guide (WA)	VT-3	2	871-104
F2.10	1C11-H0044	Rigid Strut	VT-3	3	871-104
F2.10	1C11-H0045	Rigid Strut	VT-3	3	871-104
F2.10	1C11-H0046	Rigid Guide (WA)	VT-3	1	871-101
F2.10	1C11-H0047	Rigid Strut	VT-3	1	871-101
F2.10	1C11-H0048	Rigid Guide (WA)	VT-3	1	871-101
F2.10	1C11-H0049	Rigid Guide (WA)	VT-3	2	871-101
F2.10	1C11-H0050	Rigid Strut	VT-3	3	871-101
F2.10	1C11-H0051	Rigid Guide (WA)	VT-3	2	871-101
F2.10	1C11-H0052	Rigid Guide (WA)	VT-3	2	871-101
F2.10	1C11-H0053	Rigid Guide (WA)	VT-3	2	871-101
F2.10	1C11-H0054	Rigid Strut	VT-3	3	871-102
F2.10	1C11-H0054	Rigid Strut	VT-3	2	871-102
F2.10	1C11-H0056	Rigid Guide (WA)	VT-3	2	871-102
F2.10	1C11-H0057	Rigid Guide (WA)	VT-3	2	871-102
F2.10	1C11-H0057	Rigid Strut	VT-3	1	871-102
F2.10	1C11-H0059	Rigid Strut	VT-3	2	871-102
F2.10	1C11-H0060	Rigid Guide (WA)	VT-3	2	871-105
F5.10	1C11-H0634	Rigid Strut (Augmented HEPiBER)	VT-3	2	871-102
F2.10	1C11-H0659	Mechanical Snub. (WA)	VT-3	1	871-102
F2.10	1C11-H0660	Mechanical Snub. (WA)	VT-3	2	871-101
F2.10	1C11-H0661	Mechanical Snub. (WA)	VT-3	3	871-101
F2.10	1C11-H0662	Mechanical Snub. (WA)	VT-3	2	871-104
F2.10	1C11-H0663	Mechanical Snub. (WA)	VT-3	3	871-103
F2.10	1C11-H0663	Mechanical Snub. (WA)	VT-3	3	871-103
F2.10	1C11-H0663	Mechanical Snub. (WA)	VT-3	1	871-104
F2.10	1C11-H0665	Mechanical Snub. (WA)	VT-3	2	871-104
F2.10	1C11-H0666	Mechanical Snub. (WA)	VT-3	2	871-104
F2.10	1C11-H0667	Mechanical Snub. (WA)	VT-3	3	871-103

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EXAMINATION CATEGORY: F-A					
F2.10	1C11-H0668	Mechanical Snub. (VA)	VT-3	3	871-103
F2.10	1C11-H0673	Mechanical Snub.	VT-3	2	871-101
F2.10	1C11-H0674	Mechanical Snub. (VA)	VT-3	2	871-101
F2.10	1C11-H0675	Mechanical Snub. (VA)	VT-3	1	871-102
F5.10	1C11-H0695	Rigid Anchor (Augmented)	VT-3	2	871-105
F2.10	1C11-H5013	Mechanical Snub.	VT-3	1	871-101
F2.10	1C11-H5014	Mechanical Snub.	VT-3	1	871-103
F5.10	1C11-H5161	Rigid Guide (Augmented HEPIBER)	VT-3	2	871-105
F1.10	1C41-H0056	Rigid Strut	VT-3	3	691-101
F1.10	1C41-H0059	Rigid Guide	VT-3	1	691-101
F1.10	1C41-H0061	Rigid Guide	VT-3	2	691-101
F1.10	1C41-H0063	Rigid Strut	VT-3	2	691-101
F1.10	1C41-H0064	Rigid Guide	VT-3	2	691-101
F1.10	1C41-H0065	Rigid Guide	VT-3	3	691-101
F1.10	1C41-H0066	Rigid Guide	VT-3	3	691-101
F1.10	1C41-H0067	Mechanical Snub.	VT-3	3	691-101
F1.10	1C41-H0068	Variable Spring	VT-3	1	691-101
F1.10	1C41-H0069	Rigid Strut	VT-3	1	691-101
F1.10	1C41-H0109	Mechanical Snub. (Tandem)	VT-3	1	691-101
F1.10	1C41-H0110	Mechanical Snub.	VT-3	2	691-101
F1.10	1C41-H0119	Rigid Guide	VT-3	3	691-101
F1.10	1C41-H5000	Mechanical Snub.	VT-3	1	691-101
F1.10	1C41-H5001	Mechanical Snub.	VT-3	1	691-101
F1.10	1C41-H5002	Mechanical Snub.	VT-3	2	691-101
F1.10	1C41-H5003	Mechanical Snub.	VT-3	2	691-101
F1.10	1C41-H5004	Rigid Guide	VT-3	3	691-101
F1.10	1C41-H5005	Mechanical Snub.	VT-3	3	691-101
F1.10	1C41-H5021	Rigid Guide	VT-3	1	691-101
F1.10	1C41-H5022	Rigid Guide	VT-3	3	691-101
F2.10	1E12-B001A-SB1-SP	Rigid, Heat Exchanger Support (VA)	VT-3	1	641-121
F2.10	1E12-B001A-SB2-SP	Rigid, Heat Exchanger Support (VA)	VT-3	2	641-121
F2.10	1E12-B001A-SB3-SP	Rigid, Heat Exchanger Support (VA)	VT-3	3	641-121
F2.10	1E12-B001A-SB4-SP	Rigid, Heat Exchanger Support (VA)	VT-3	3	641-121
F2.10	1E12-B001B-SB1-SP	Rigid, Heat Exchanger Support (VA)	VT-3	NS	643-121
F2.10	1E12-B001B-SB2-SP	Rigid, Heat Exchanger Support (VA)	VT-3	NS	643-121

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EXAMINATION CATEGORY: F-A					
F2.10	1E12-B001B-SB3-SP	Rigid, Heat Exchanger Support (WA)	VT-3	NS	643-121
F2.10	1E12-B001B-SB4-SP	Rigid, Heat Exchanger Support (WA)	VT-3	NS	643-121
F2.10	1E12-B001C-SB1-SP	Rigid, Heat Exchanger Support (WA)	VT-3	NS	642-122
F2.10	1E12-B001C-SB2-SP	Rigid, Heat Exchanger Support (WA)	VT-3	NS	642-122
F2.10	1E12-B001C-SB3-SP	Rigid, Heat Exchanger Support (WA)	VT-3	NS	642-122
F2.10	1E12-B001C-SB4-SP	Rigid, Heat Exchanger Support (WA)	VT-3	NS	643-123
F2.10	1E12-B001D-SB1-SP	Rigid, Heat Exchanger Support (WA)	VT-3	NS	643-123
F2.10	1E12-B001D-SB2-SP	Rigid, Heat Exchanger Support (WA)	VT-3	NS	643-123
F2.10	1E12-B001D-SB3-SP	Rigid, Heat Exchanger Support (WA)	VT-3	NS	643-123
F2.10	1E12-B001D-SB4-SP	Rigid, Heat Exchanger Support (WA)	VT-3	1	641-121
F2.10	1E12-B001A-SL1-SP	Rigid, Heat Exchanger Guide (WA)	VT-3	2	641-121
F2.10	1E12-B001A-SL2-SP	Rigid, Heat Exchanger Guide (WA)	VT-3	1	641-121
F2.10	1E12-B001A-SL3-SP	Rigid, Heat Exchanger Guide (WA)	VT-3	2	641-121
F2.10	1E12-B001A-SL4-SP	Rigid, Heat Exchanger Guide (WA)	VT-3	NS	643-121
F2.10	1E12-B001B-SL1-SP	Rigid, Heat Exchanger Guide (WA)	VT-3	NS	643-121
F2.10	1E12-B001B-SL2-SP	Rigid, Heat Exchanger Guide (WA)	VT-3	NS	643-121
F2.10	1E12-B001B-SL3-SP	Rigid, Heat Exchanger Guide (WA)	VT-3	NS	643-121
F2.10	1E12-B001B-SL4-SP	Rigid, Heat Exchanger Guide (WA)	VT-3	NS	642-122
F2.10	1E12-B001C-SL1-SP	Rigid, Heat Exchanger Guide (WA)	VT-3	NS	642-122
F2.10	1E12-B001C-SL2-SP	Rigid, Heat Exchanger Guide (WA)	VT-3	NS	642-122
F2.10	1E12-B001C-SL3-SP	Rigid, Heat Exchanger Guide (WA)	VT-3	NS	642-122
F2.10	1E12-B001C-SL4-SP	Rigid, Heat Exchanger Guide (WA)	VT-3	NS	643-123
F2.10	1E12-B001D-SL1-SP	Rigid, Heat Exchanger Guide (WA)	VT-3	NS	643-123
F2.10	1E12-B001D-SL2-SP	Rigid, Heat Exchanger Guide (WA)	VT-3	NS	643-123
F2.10	1E12-B001D-SL3-SP	Rigid, Heat Exchanger Guide (WA)	VT-3	NS	643-123
F2.10	1E12-B001D-SL4-SP	Rigid, Heat Exchanger Guide (WA)	VT-3	1	641-120
F2.10	1E12-C002A-SP1	Anchor, Pump Support	VT-3	3	641-120
F2.10	1E12-C002A-SP2	Rigid, Pump Guide (WA)	VT-3	3	641-120
F2.10	1E12-C002A-SP3	Rigid, Pump Guide (WA)	VT-3	3	641-120
F2.10	1E12-C002A-SP4	Rigid, Pump Guide (WA)	VT-3	NS	641-121
F2.10	1E12-C002B-SP1	Anchor, Pump Support	VT-3	NS	641-121
F2.10	1E12-C002B-SP2	Rigid, Pump Guide (WA)	VT-3	NS	641-121
F2.10	1E12-C002B-SP3	Rigid, Pump Guide (WA)	VT-3	NS	641-121
F2.10	1E12-C002B-SP4	Rigid, Pump Guide (WA)	VT-3	NS	643-122
F2.10	1E12-C002C-SP1	Anchor, Pump Support	VT-3	NS	643-122
F2.10	1E12-C002C-SP2	Anchor, Pump Guide (WA)	VT-3	NS	643-122
F2.10	1E12-C002C-SP3	Anchor, Pump Guide (WA)	VT-3	NS	643-122

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EXAMINATION CATEGORY: F-A					
F2.10	1E12-C002C-SP4	Anchor, Pump Guide (VA)	VT-3	NS	643-122
F1.10	1E12-H0001	Rigid Strut	VT-3	1	642-139
F1.10	1E12-H0003	Variable Spring	VT-3	1	642-141
F1.10	1E12-H0004	Mechanical Snub.	VT-3	2	642-141

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EXAMINATION CATEGORY: F-A					
F1.10	1E12-H0050	Rigid Rod	VT-3	2	642-139
F1.10	1E12-H0051	Mechanical Snub.	VT-3	3	642-137
F1.10	1E12-H0052	Variable Spring	VT-3	3	642-139
F1.10	1E12-H0053	Rigid Guide	VT-3	3	642-142
F1.10	1E12-H0054	Rigid Guide	VT-3	1	642-142
F1.10	1E12-H0055	Rigid Strut	VT-3	1	642-142
F1.10	1E12-H0056	Rigid Guide	VT-3	2	642-142
F1.10	1E12-H0057	Rigid Guide	VT-3	2	642-142
F1.10	1E12-H0058	Rigid Guide	VT-3	3	642-142
F1.10	1E12-H0059	Rigid Guide	VT-3	3	642-143
F3.10	1E12-H0060	Mechanical Snub. (WA) (Tandem)	VT-3	1	642-149
F3.10	1E12-H0061	Variable Spring (WA)	VT-3	2	642-149
F3.10	1E12-H0062	Rigid Guide (WA)	VT-3	3	642-149
F3.10	1E12-H0063	Rigid Strut	VT-3	2	642-149
F5.10	1E12-H0071	Variable Spring (Augmented)	VT-3	2	642-127
F5.10	1E12-H0073	Mechanical Snub. (Tandem) (Augmented)	VT-3	2	642-127
F1.10	1E12-H0074	Mechanical Snub.	VT-3	3	642-142
F1.10	1E12-H0075	Variable Spring	VT-3	1	642-141
F1.10	1E12-H0076	Variable Spring	VT-3	1	642-145
F2.10	1E12-H0077	Rigid Strut	VT-3	2	642-133
F2.10	1E12-H0084	Rigid Strut (Augmented) See NOTE 1	VT-3	NS	642-133
F2.10	1E12-H0085	Rigid Strut See NOTE 1	VT-3	NS	642-133
F2.10	1E12-H0086	Rigid Strut See NOTE 1	VT-3	NS	642-133
F5.10	1E12-H0087	Rigid (Open Ended Pipe)	VT-3	NS	643-120
F5.10	1E12-H0089	Rigid Strut (Open Ended Pipe)	VT-3	NS	643-120
F2.10	1E12-H0093	Rigid Strut (WA < .75" Thickness)	VT-3	2	642-121
F2.10	1E12-H0095	Rigid Strut (Augmented) See NOTE 1	VT-3	NS	642-121
F2.10	1E12-H0097	Rigid Strut See NOTE 1	VT-3	NS	642-121
F2.10	1E12-H0099	Rigid Strut See NOTE 1	VT-3	NS	642-121
F1.10	1E12-H0100	Variable Spring (WA)	VT-3	1	642-117
F2.10	1E12-H0102	Anchor (WA < .75" Thickness) See NOTE 1	VT-3	NS	641-117
F2.10	1E12-H0104	Mechanical Snub. See NOTE 1	VT-3	NS	642-119
F2.10	1E12-H0105	Mechanical Snub. See NOTE 1	VT-3	NS	642-119
F2.10	1E12-H0106	Mechanical Snub. See NOTE 1	VT-3	NS	642-119
F2.10	1E12-H0107	Variable Spring See NOTE 1	VT-3	NS	642-119
F2.10	1E12-H0108	Mechanical Snub. See NOTE 1	VT-3	NS	642-119
F2.10	1E12-H0109	Mechanical Snub. See NOTE 1	VT-3	NS	642-119

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EXAMINATION CATEGORY: F-A					
F2.10	1E12-B0110	Mechanical Snub. See NOTE 1	VT-3	NS	642-119
F2.10	1E12-B0111	Rigid Strut See NOTE 1	VT-3	NS	642-119

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EXAMINATION CATEGORY: F-A					
F5.10	1E12-H0112	Rigid (Augmented)	VT-3	2	642-119
F5.10	1E12-H0113	Rigid (Augmented)	VT-3	2	642-119
F2.10	1E12-H0114	Rigid Strut	VT-3	2	642-119
F2.10	1E12-H0115	Mechanical Snub.	VT-3	3	642-119
F2.10	1E12-H0116	Mechanical Snub. (Tandem)	VT-3	3	642-119
F2.10	1E12-H0117	Rigid Guide	VT-3	3	642-119
F2.10	1E12-H0118	Anchor (WA)	VT-3	1	642-119
F2.10	1E12-H0119	Rigid Strut (Augmented) See NOTE 1	VT-3	NS	642-132
F2.10	1E12-H0120	Anchor (WA)	VT-3	2	643-110
F2.10	1E12-H0121	Rigid Strut	VT-3	2	642-132
F2.10	1E12-H0122	Mechanical Snub. (WA < .75") (Tandem)	VT-3	2	642-132
F2.10	1E12-H0123	Rigid Strut	VT-3	3	642-132
F2.10	1E12-H0124	Mechanical Snub.	VT-3	3	642-132
F2.10	1E12-H0128	Anchor See NOTE 1	VT-3	NS	641-116
F2.10	1E12-H0136	Anchor See NOTE 1	VT-3	NS	643-116
F2.10	1E12-H0138	Variable Spring	VT-3	2	643-115
F2.10	1E12-H0140	Rigid Strut	VT-3	3	643-115
F2.10	1E12-H0141	Variable Spring	VT-3	3	643-117
F2.10	1E12-H0142	Variable Spring See NOTE 1	VT-3	NS	643-116
F2.10	1E12-H0143	Mechanical Snub. See NOTE 1	VT-3	NS	643-116
F2.10	1E12-H0147	Rigid Guide	VT-3	3	643-117
F2.10	1E12-H0148	Mechanical Snub See NOTE 1	VT-3	NS	643-116
F2.10	1E12-H0149	Mechanical Snub. See NOTE 1	VT-3	NS	643-116
F2.10	1E12-H0150	Rigid Strut See NOTE 1	VT-3	NS	643-116
F2.10	1E12-H0152	Rigid Guide See NOTE 1	VT-3	NS	641-116
F2.10	1E12-H0153	Rigid Guide See NOTE 1	VT-3	NS	641-116
F2.10	1E12-H0154	Rigid Guide See NOTE 1	VT-3	NS	641-116
F2.10	1E12-H0157	Rigid Strut See NOTE 1	VT-3	NS	641-117
F2.10	1E12-H0158	Rigid Strut See NOTE 1	VT-3	NS	641-117
F2.10	1E12-H0159	Rigid Strut See NOTE 1	VT-3	NS	641-117
F2.10	1E12-H0160	Rigid Guide See NOTE 1	VT-3	NS	641-117
F2.10	1E12-H0161	Anchor See NOTE 1	VT-3	NS	641-117
F2.10	1E12-H0162	Mechanical Snub. See NOTE 1	VT-3	NS	643-116
F2.10	1E12-H0163	Rigid Guide See NOTE 1	VT-3	NS	643-116
F2.10	1E12-H0164	Mechanical Snub.	VT-3	3	643-117
F2.10	1E12-H0165	Mechanical Snub.	VT-3	1	643-117

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F2.10	1E12-H0166	Variable Spring	VT-3	1	642-112
F2.10	1E12-H0167	Variable Spring	VT-3	1	642-111
F2.10	1E12-H0169	Mechanical Snub. (VA) (Tandem)	VT-3	1	642-111
F2.10	1E12-H0170	Mechanical Snub.	VT-3	2	642-111
F2.10	1E12-H0171	Mechanical Snub.	VT-3	3	642-111
F2.10	1E12-H0172	Mechanical Snub.	VT-3	1	642-110
F2.10	1E12-H0173	Variable Spring (VA)	VT-3	3	642-110
F2.10	1E12-H0175	Variable Spring See NOTE 1	VT-3	NS	642-132
F2.10	1E12-H0176	Rigid Strut See NOTE 1	VT-3	NS	642-108
F2.10	1E12-H0177	Variable Spring See NOTE 1	VT-3	NS	642-108
F2.10	1E12-H0178	Rigid Strut See NOTE 1	VT-3	NS	642-108
F2.10	1E12-H0179	Rigid Guide	VT-3	2	642-108
F2.10	1E12-H0180	Mechanical Snub. See NOTE 1	VT-3	NS	642-132
F2.10	1E12-H0182	Rigid Strut See NOTE 1	VT-3	NS	642-108
F2.10	1E12-H0183	Rigid Strut See NOTE 1	VT-3	NS	642-108
F2.10	1E12-H0184	Variable Spring	VT-3	2	641-118
F2.10	1E12-H0185	Mechanical Snub. See NOTE 1	VT-3	NS	643-101
F2.10	1E12-H0186	Variable Spring	VT-3	3	643-101
F2.10	1E12-H0187	Rigid Guide (VA)	VT-3	2	643-101
F2.10	1E12-H0188	Rigid Guide See NOTE 1	VT-3	NS	643-111
F2.10	1E12-H0189	Variable Spring See NOTE 1	VT-3	NS	643-111
F2.10	1E12-H0190	Mechanical Snub. See NOTE 1	VT-3	NS	643-111
F2.10	1E12-H0192	Mechanical Snub. See NOTE 1	VT-3	NS	643-111
F2.10	1E12-H0193	Variable Spring See NOTE 1	VT-3	NS	643-107
F2.10	1E12-H0194	Variable Spring See NOTE 1	VT-3	NS	643-108
F2.10	1E12-H0195	Mechanical Snub. See NOTE 1	VT-3	NS	641-114
F2.10	1E12-H0197	Mechanical Snub. See NOTE 1	VT-3	NS	641-114
F2.10	1E12-H0198	Rigid Strut See NOTE 1	VT-3	NS	641-114
F2.10	1E12-H0199	Mechanical Snub. See NOTE 1	VT-3	NS	641-114
F2.10	1E12-H0200	Rigid Guide See NOTE 1	VT-3	NS	641-114
F2.10	1E12-H0201	Rigid Guide	VT-3	3	643-104
F2.10	1E12-H0202	Rigid Strut See NOTE 1	VT-3	NS	641-114
F2.10	1E12-H0210	Variable Spring	VT-3	1	641-118
F2.10	1E12-H0211	Mechanical Snub.	VT-3	1	641-118
F2.10	1E12-H0212	Mechanical Snub.	VT-3	2	641-118
F2.10	1E12-H0213	Mechanical Snub.	VT-3	2	641-118
F2.10	1E12-H0214	Rigid Strut See NOTE 1	VT-3	NS	641-113

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EXAMINATION CATEGORY: F-A					
F2.10	1E12-H0281	Anchor (WA)	VT-3	3	643-102
F2.10	1E12-H0282	Rigid Strut	VT-3	3	641-112
F2.10	1E12-H0283	Rigid Strut	VT-3	3	641-112
F2.10	1E12-H0284	Mechanical Snub.	VT-3	1	641-112
F2.10	1E12-H0286	Variable Spring	VT-3	3	641-101
F2.10	1E12-H0287	Rigid Guide	VT-3	3	641-101
F2.10	1E12-H0288	Mechanical Snub.	VT-3	1	641-101
F2.10	1E12-H0289	Mechanical Snub. (WA)	VT-3	2	641-101
F2.10	1E12-H0290	Mechanical Snub. (WA)	VT-3	1	641-101
F2.10	1E12-H0291	Variable Spring	VT-3	2	641-101
F2.10	1E12-H0292	Mechanical Snub.	VT-3	3	641-101
F2.10	1E12-H0293	Mechanical Snub. (Tandem)	VT-3	3	641-101
F2.10	1E12-H0294	Variable Spring	VT-3	3	641-101
F2.10	1E12-H0295	Mechanical Snub.	VT-3	2	642-105
F2.10	1E12-H0299	Rigid Strut See NOTE 1	VT-3	NS	641-115
F2.10	1E12-H0300	Rigid Strut See NOTE 1	VT-3	NS	641-115
F2.10	1E12-H0301	Rigid Strut See NOTE 1	VT-3	NS	641-115
F2.10	1E12-H0302	Rigid Strut See NOTE 1	VT-3	NS	641-115
F2.10	1E12-H0303	Mechanical Snub.	VT-3	NS	641-115
F2.10	1E12-H0304	Rigid Strut See NOTE 1	VT-3	NS	641-115
F2.10	1E12-H0305	Mechanical Snub. See NOTE 1	VT-3	NS	641-115
F2.10	1E12-H0306	Rigid Strut See NOTE 1	VT-3	NS	641-115
F2.10	1E12-H0308	Variable Spring (WA)	VT-3	3	642-105
F2.10	1E12-H0309	Mechanical Snub.	VT-3	3	642-105
F2.10	1E12-H0310	Mechanical Snub.	VT-3	3	642-105
F2.10	1E12-H0311	Variable Spring	VT-3	1	642-107
F2.10	1E12-H0312	Variable Spring	VT-3	1	642-107
F2.10	1E12-H0313	Mechanical Snub.	VT-3	2	642-107
F2.10	1E12-H0314	Mechanical Snub.	VT-3	2	642-107
F2.10	1E12-H0315	Hydraulic Snub.	VT-3	3	642-107
F2.10	1E12-H0316	Hydraulic Snub.	VT-3	3	642-107
F5.10	1E12-H0317	Mechanical Snub. (Augmented) See NOTE 1	VT-3	1	641-101
F5.10	1E12-H0318	Mechanical Snub. (Augmented) See NOTE 1	VT-3	3	641-101
F5.10	1E12-H0319	Variable Spring (Augmented) See NOTE 1	VT-3	2	641-101
F2.10	1E12-H0320	Anchor (WA)	VT-3	3	641-101
F2.10	1E12-H0322	Mechanical Snub. (WA)	VT-3	1	642-103
F2.10	1E12-H0323	Mechanical Snub. (WA) (Tandem)	VT-3	2	642-103

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EXAMINATION CATEGORY: F-A					
F2.10	1E12-H0324	Mechanical Snub.	VT-3	2	642-105
F2.10	1E12-H0325	Mechanical Snub.	VT-3	2	642-105
F5.10	1E12-H0326	Anchor (Augmented) See NOTE 1	VT-3	2	641-101
F2.10	1E12-H0328	Rigid Guide (WA < .75" Thickness)	VT-3	3	641-102
F2.10	1E12-H0331	Variable Spring See NOTE 1	VT-3	NS	641-102
F2.10	1E12-H0333	Mechanical Snub. See NOTE 1	VT-3	NS	641-103
F2.10	1E12-H0334	Variable Spring See NOTE 1	VT-3	NS	641-103
F2.10	1E12-H0335	Rigid Guide See NOTE 1	VT-3	NS	641-103
F2.10	1E12-H0338	Variable Spring	VT-3	3	641-102
F2.10	1E12-H0339	Mechanical Snub. See NOTE 1	VT-3	NS	641-104
F2.10	1E12-H0340	Mechanical Snub. See NOTE 1	VT-3	NS	641-108
F2.10	1E12-H0341	Variable Spring See NOTE 1	VT-3	NS	641-108
F2.10	1E12-H0344	Mechanical Snub. See NOTE 1	VT-3	NS	641-108
F2.10	1E12-H0345	Mechanical Snub. See NOTE 1	VT-3	NS	641-108
F2.10	1E12-H0346	Variable Spring See NOTE 1	VT-3	NS	641-108
F2.10	1E12-H0347	Mechanical Snub. See NOTE 1	VT-3	NS	641-108
F2.10	1E12-H0348	Rigid Strut See NOTE 1	VT-3	NS	641-102
F2.10	1E12-H0349	Mechanical Snub.	VT-3	3	641-112
F2.10	1E12-H0352	Rigid Strut See NOTE 1	VT-3	NS	642-122
F5.10	1E12-H0353	Rigid Strut (Augmented)	VT-3	3	642-122
F5.10	1E12-H0354	Anchor (Augmented)	VT-3	2	642-122
F2.10	1E12-H0355	Rigid Strut	VT-3	1	642-122
F2.10	1E12-H0356	Rigid Guide (See NOTE 1)	VT-3	NS	642-122
F2.10	1E12-H0357	Variable Spring	VT-3	3	642-116
F2.10	1E12-H0358	Variable Spring	VT-3	1	642-116
F2.10	1E12-H0359	Mechanical Snub. (WA)	VT-3	2	642-116
F2.10	1E12-H0360	Mechanical Snub. (WA)	VT-3	1	642-116
F2.10	1E12-H0361	Mechanical Snub.	VT-3	1	642-116
F2.10	1E12-H0362	Mechanical Snub.	VT-3	2	642-116
F2.10	1E12-H0363	Variable Spring	VT-3	2	642-114
F2.10	1E12-H0364	Mechanical Snub.	VT-3	1	642-114
F2.10	1E12-H0365	Mechanical Snub.	VT-3	3	642-114
F2.10	1E12-H0366	Variable Spring	VT-3	3	642-114
F2.10	1E12-H0367	Mechanical Snub. (WA < .75" Thickness)	VT-3	1	642-114
F2.10	1E12-H0368	Mechanical Snub. (WA)	VT-3	2	642-114
F2.10	1E12-H0369	Rigid Strut (WA)	VT-3	3	642-114
F2.10	1E12-H0370	Mechanical Snub.	VT-3	2	642-114

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EXAMINATION CATEGORY: F-A					
F2.10	1E12-H0456	Rigid Strut	VT-3	3	641-110
F2.10	1E12-H0457	Mechanical Snub.	VT-3	2	641-110
F2.10	1E12-H0458	Variable Spring	VT-3	1	641-110
F2.10	1E12-H0459	Mechanical Snub.	VT-3	2	641-110
F2.10	1E12-H0460	Mechanical Snub. (Tandem)	VT-3	2	641-110
F2.10	1E12-H0461	Variable Spring	VT-3	3	641-110
F2.10	1E12-H0462	Mechanical Snub.	VT-3	3	641-110
F2.10	1E12-H0463	Anchor (WA)	VT-3	1	641-110
F2.10	1E12-H0464	Variable Spring (WA)	VT-3	3	641-109
F2.10	1E12-H0465	Rigid Guide	VT-3	1	641-110
F2.10	1E12-H0466	Mechanical Snub. (Tandem)	VT-3	1	641-110
F2.10	1E12-H0466	Mechanical Snub. (Augmented) (Tandem)	VT-3	2	641-110
F5.10	1E12-H0467	Variable Spring (Augmented)	VT-3	2	641-110
F5.10	1E12-H0468	Variable Spring	VT-3	2	641-110
F2.10	1E12-H0469	Mechanical Snub.	VT-3	2	641-110
F2.10	1E12-H0470	Mechanical Snub.	VT-3	3	641-110
F2.10	1E12-H0471	Variable Spring	VT-3	3	643-102
F2.10	1E12-H0472	Rigid Strut	VT-3	3	641-110
F2.10	1E12-H0473	Rigid Strut	VT-3	3	642-144
F2.10	1E12-H0474	Rigid Guide	VT-3	3	642-121
F2.10	1E12-H0475	Rigid Strut (WA)	VT-3	1	642-140
F1.10	1E12-H0476	Rigid Guide	VT-3	1	642-145
F1.10	1E12-H0478	Variable Spring	VT-3	1	643-112
F2.10	1E12-H0482	Rigid Strut See NOTE 1	VT-3	NS	641-107
F2.10	1E12-H0483	Rigid Strut See NOTE 1	VT-3	NS	642-129
F2.10	1E12-H0484	Mechanical Snub. (WA)	VT-3	2	642-129
F2.10	1E12-H0485	Mechanical Snub.	VT-3	3	642-129
F2.10	1E12-H0486	Mechanical Snub.	VT-3	3	642-129
F2.10	1E12-H0487	Variable Spring	VT-3	1	642-129
F2.10	1E12-H0488	Mechanical Snub. (WA)	VT-3	1	642-129
F2.10	1E12-H0489	Rigid Guide (WA)	VT-3	3	642-130
F2.10	1E12-H0490	Hydraulic Snub.	VT-3	2	642-130
F2.10	1E12-H0491	Hydraulic Snub.	VT-3	2	642-130
F2.10	1E12-H0492	Mechanical Snub. See NOTE 1	VT-3	2	642-123
F2.10	1E12-H0493	Rigid Strut See NOTE 1	VT-3	NS	642-123
F2.10	1E12-H0496	Mechanical Snub.	VT-3	2	641-106
F2.10	1E12-H0497	Mechanical Snub.	VT-3	3	641-106
F2.10	1E12-H0498	Mechanical Snub. (Tandem)	VT-3	3	641-106

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EXAMINATION CATEGORY: F-A					
F2.10	1E12-H0561	Mechanical Snub.	VT-3	2	642-136
F2.10	1E12-H0562	Mechanical Snub.	VT-3	2	643-110
F2.10	1E12-H0563	Mechanical Snub.	VT-3	2	643-110
F2.10	1E12-H0564	Rigid Strut See NOTE 1	VT-3	NS	643-111
F2.10	1E12-H0565	Mechanical Snub. (Tandem)	VT-3	1	643-109
F2.10	1E12-H0566	Variable Spring	VT-3	3	643-109
F2.10	1E12-H0567	Mechanical Snub.	VT-3	3	643-109
F2.10	1E12-H0569	Mechanical Snub.	VT-3	3	643-105
F2.10	1E12-H0570	Mechanical Snub.	VT-3	3	643-114
F2.10	1E12-H0571	Mechanical Snub.	VT-3	3	643-105
F2.10	1E12-H0572	Mechanical Snub.	VT-3	1	643-105
F3.10	1E12-H0573	Rigid Strut (WA)	VT-3	1	642-149
F2.10	1E12-H0611	Anchor See NOTE 1	VT-3	NS	641-114
F2.10	1E12-H0614	Rigid Strut See NOTE 1	VT-3	NS	643-110
F2.10	1E12-H0615	Variable Spring	VT-3	1	643-109
F2.10	1E12-H0616	Mechanical Snub.	VT-3	1	643-109
F2.10	1E12-H0617	Mechanical Snub. See NOTE 1	VT-3	NS	643-110
F2.10	1E12-H0618	Mechanical Snub.	VT-3	2	643-114
F2.10	1E12-H0620	Anchor See NOTE 1	VT-3	NS	643-111
F5.10	1E12-H0623	Mechanical Snub. (Augmented)	VT-3	2	642-127
F3.10	1E12-H0624	Rigid Strut	VT-3	1	642-149
F3.10	1E12-H0626	Rigid Strut	VT-3	2	642-149
F1.10	1E12-H0633	Rigid Strut	VT-3	2	642-122
F5.10	1E12-H0635	Rigid Strut (Augmented) See NOTE 1	VT-3	NS	642-132
F5.10	1E12-H0636	Rigid Guide (Augmented)	VT-3	NS	642-132
F5.10	1E12-H0637	Rigid Guide (Augmented)	VT-3	NS	642-132
F5.10	1E12-H0638	Rigid Guide (Augmented)	VT-3	NS	642-132
F1.10	1E12-H0639	Rigid Rod	VT-3	2	642-143
F1.10	1E12-H0641	Rigid Strut	VT-3	2	642-142
F1.10	1E12-H0642	Rigid Strut	VT-3	3	642-142
F1.10	1E12-H0643	Rigid Strut	VT-3	3	642-143
F1.10	1E12-H0644	Rigid Strut	VT-3	3	642-143
F2.10	1E12-H0646	Rigid Strut See NOTE 1	VT-3	NS	642-108
F1.10	1E12-H0648	Rigid Guide	VT-3	2	642-122
F5.10	1E12-H0649	Rigid Strut See NOTE 1	VT-3	NS	642-122
F2.10	1E12-H0650	Rigid Strut See NOTE 1	VT-3	NS	642-122
F2.10	1E12-H0651	Rigid Strut See NOTE 1	VT-3	NS	642-122

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EXAMINATION CATEGORY: F-A					
F1.10	1E12-H0652	Mechanical Snub.	VT-3	2	642-137
F1.10	1E12-H0653	Mechanical Snub.	VT-3	3	642-137
F1.10	1E12-H0654	Rigid Strut	VT-3	1	642-139

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EXAMINATION CATEGORY: F-A					
F2.10	1E12-H0657	Mechanical Snub.	VT-3	3	642-138
F5.10	1E12-H0658	Mechanical Snub. (Augmented)	VT-3	3	642-138
F5.10	1E12-H0659	Mechanical Snub. (Augmented)	VT-3	3	642-138
F1.10	1E12-H0660	Mechanical Snub. (Tandem)	VT-3	1	642-137
F2.10	1E12-H0661	Variable Spring	VT-3	3	642-137
F2.10	1E12-H0662	Rigid Strut See NOTE 1	VT-3	NS	641-108
F2.10	1E12-H0663	Rigid Strut See NOTE 1	VT-3	NS	641-108
F2.10	1E12-H0665	Rigid Strut	VT-3	2	641-104
F2.10	1E12-H0666	Mechanical Snub.	VT-3	3	641-104
F2.10	1E12-H0667	Variable Spring	VT-3	3	641-106
F2.10	1E12-H0670	Variable Spring (VA)	VT-3	1	642-137
F1.10	1E12-H0671	Mechanical Snub. (Tandem)	VT-3	3	642-141
F2.10	1E12-H0673	Rigid Strut	VT-3	2	642-127
F1.10	1E12-H0675	Variable Spring	VT-3	3	642-141
F2.10	1E12-H0676	Rigid Guide See NOTE 1	VT-3	NS	641-103
F2.10	1E12-H0677	Rigid Guide See NOTE 1	VT-3	NS	641-103
F2.10	1E12-H0678	Rigid Strut See NOTE 1	VT-3	NS	641-103
F2.10	1E12-H0679	Mechanical Snub. See NOTE 1	VT-3	NS	641-103
F2.10	1E12-H0680	Mechanical Snub. See NOTE 1	VT-3	NS	641-103
F2.10	1E12-H0681	Mechanical Snub. See NOTE 1	VT-3	NS	641-103
F2.10	1E12-H0682	Mechanical Snub. See NOTE 1	VT-3	NS	641-103
F2.10	1E12-H0683	Rigid Strut See NOTE 1	VT-3	3	641-102
F2.10	1E12-H0684	Rigid Strut See NOTE 1	VT-3	NS	641-107
F2.10	1E12-H0685	Rigid Guide See NOTE 1	VT-3	NS	641-103
F2.10	1E12-H0687	Rigid Strut See NOTE 1	VT-3	NS	641-115
F2.10	1E12-H0688	Rigid Strut See NOTE 1	VT-3	NS	643-110
F2.10	1E12-H0689	Rigid Strut	VT-3	1	641-104
F2.10	1E12-H0690	Rigid Strut	VT-3	1	641-104
F2.10	1E12-H0691	Variable Spring	VT-3	2	641-110
F1.10	1E12-H0692	Rigid Rod	VT-3	3	642-139
F2.10	1E12-H0693	Rigid Guide	VT-3	3	642-137
F3.10	1E12-H0694	Mechanical Snub.	VT-3	3	642-149
F1.10	1E12-H0695	Rigid Guide	VT-3	3	642-139
F3.10	1E12-H0698	Mechanical Snub.	VT-3	3	642-149
F3.10	1E12-H0699	Mechanical Snub.	VT-3	2	642-149
F5.10	1E12-H0700	Mechanical Snub. (Augmented)	VT-3	1	642-138
F2.10	1E12-H0702	Rigid Strut See NOTE 1	VT-3	NS	642-121

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EXAMINATION CATEGORY: F-A					
F5.10	1E12-H0703	Rigid Strut Augmented See NOTE 1	VT-3	NS	642-121
F2.10	1E12-H0707	Rigid Strut	VT-3	2	643-115
F2.10	1E12-H0708	Rigid Strut (WA)	VT-3	3	643-117
F2.10	1E12-H0709	Variable Spring See NOTE 1	VT-3	NS	643-116
F2.10	1E12-H0710	Mechanical Snub. See NOTE 1	VT-3	NS	642-111
F2.10	1E12-H0711	Variable Spring See NOTE 1	VT-3	NS	642-111
F2.10	1E12-H0712	Mechanical Snub. See NOTE 1	VT-3	NS	642-111
F2.10	1E12-H0713	Rigid Strut	VT-3	3	642-111
F2.10	1E12-H0714	Rigid Strut	VT-3	1	642-111
F2.10	1E12-H0717	Rigid Strut See NOTE 1	VT-3	NS	642-133
F5.10	1E12-H0718	Rigid Strut (Augmented) See NOTE 1	VT-3	NS	642-133
F2.10	1E12-H0719	Rigid Strut	VT-3	3	642-133
F2.10	1E12-H0720	Rigid Strut (WA < .75" THK)	VT-3	3	642-133
F2.10	1E12-H0721	Rigid Strut (WA < .75" THK)	VT-3	3	642-121
F2.10	1E12-H0723	Rigid Strut	VT-3	NS	642-133
F2.10	1E12-H0724	Rigid Strut (Open End Pipe) See NOTE 1	VT-3	NS	642-121
F1.10	1E12-H0726	Mechanical Snub.	VT-3	3	642-141
F2.10	1E12-H0727	Rigid Strut See NOTE 1	VT-3	NS	641-119
F2.10	1E12-H0729	Mechanical Snub.	VT-3	1	642-101
F2.10	1E12-H0730	Mechanical Snub. (WA < .75" THK)	VT-3	1	642-103
F2.10	1E12-H0731	Mechanical Snub. (WA)	VT-3	1	642-101
F2.10	1E12-H0732	Variable Spring	VT-3	2	642-101
F2.10	1E12-H0733	Rigid Strut	VT-3	3	642-101
F2.10	1E12-H0734	Mechanical Snub.	VT-3	1	642-134
F1.10	1E12-H0735	Variable Spring	VT-3	1	642-134
F1.10	1E12-H0736	Mechanical Snub.	VT-3	1	642-134
F2.10	1E12-H0737	Mechanical Snub.	VT-3	2	643-120
F2.10	1E12-H0738	Mechanical Snub.	VT-3	2	643-120
F1.10	1E12-H0739	Rigid Strut	VT-3	2	642-125
F1.10	1E12-H0740	Rigid Strut	VT-3	2	642-125
F1.10	1E12-H0741	Mechanical Snub. (Tandem)	VT-3	3	642-125
F5.10	1E12-H0743	Rigid Strut (Open Ended Pipe)	VT-3	NS	643-120
F1.10	1E12-H0747	Mechanical Snub.	VT-3	2	642-132
F1.10	1E12-H0748	Rigid Guide	VT-3	3	642-141
F1.10	1E12-H0749	Mechanical Snub.	VT-3	3	642-141
F1.10	1E12-H0750	Mechanical Snub.	VT-3	1	642-141
F2.10	1E12-H0751	Mechanical Snub. See NOTE 1	VT-3	NS	642-132

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F2.10	1E12-H0752	Mechanical Snub. See NOTE 1	VT-3	NS	642-132

EXAMINATION CATEGORY: F-A

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EXAMINATION CATEGORY: F-A					
F5.10	1E12-H0763	Variable Spring (Augmented)	VT-3	3	643-102
F1.10	1E12-H0764	Mechanical Snub.	VT-3	1	642-145
F1.10	1E12-H0765	Mechanical Snub.	VT-3	2	642-145
F1.10	1E12-H0766	Mechanical Snub. (Tandem)	VT-3	1	642-145
F1.10	1E12-H0767	Rigid Guide	VT-3	1	642-145
F2.10	1E12-H0769	Mechanical Snub.	VT-3	1	642-102
F2.10	1E12-H0770	Mechanical Snub.	VT-3	3	642-126
F2.10	1E12-H0771	Mechanical Snub.	VT-3	3	642-126
F2.10	1E12-H0772	Mechanical Snub.	VT-3	3	642-126
F2.10	1E12-H0774	Mechanical Snub.	VT-3	3	641-112
F1.10	1E12-H0777	Mechanical Snub.	VT-3	3	642-142
F2.10	1E12-H0779	Mechanical Snub. See NOTE 1	VT-3	NS	643-108
F2.10	1E12-H0780	Mechanical Snub. See NOTE 1	VT-3	NS	641-114
F2.10	1E12-H0781	Mechanical Snub. See NOTE 1	VT-3	NS	643-111
F2.10	1E12-H0782	Mechanical Snub. See NOTE 1 (Tandem)	VT-3	NS	643-111
F1.10	1E12-H0786	Rigid Strut	VT-3	3	642-125
F2.10	1E12-H0787	Mechanical Snub. See NOTE 1	VT-3	NS	642-132
F2.10	1E12-H0788	Mechanical Snub. See NOTE 1	VT-3	NS	642-119
F2.10	1E12-H0789	Rigid Guide	VT-3	3	642-101
F1.10	1E12-H5000	Mechanical Snub. (Tandem)	VT-3	1	642-143
F1.10	1E12-H5001	Mechanical Snub.	VT-3	3	642-135
F2.10	1E12-H5002	Mechanical Snub.	VT-3	3	642-138
F2.10	1E12-H6000	Rigid Guide See NOTE 1	VT-3	NS	643-116
F2.10	1E12-P402-SP1	Rigid Guide (Support Inside Penetration Guard Pipe)	VT-3	NS	642-116
F2.10	1E12-P102-SP1	Rigid Guide (Support Inside Penetration Guard Pipe)	VT-3	NS	642-107
F2.10	1E12-P403-SP1	Rigid Guide (Support Inside Penetration Guard Pipe)	VT-3	NS	642-112
F5.10	1E12-P408-SP1	Rigid Guide (Support Inside Penetration Guard Pipe)	VT-3	NS	643-120
F1.10	1E12-P421-SP1	Rigid Guide (Support Inside Penetration Guard Pipe)	VT-3	NS	642-117
F2.10	1E21-C001-SP1	Pump Support, Anchor	VT-3	2	705-113
F2.10	1E21-C001-SP2	Pump Barrel Support (WA)	VT-3	NS	705-113
F2.10	1E21-C001-SP3	Pump Barrel Support (WA)	VT-3	NS	705-113
F2.10	1E21-C001-SP4	Pump Barrel Guide Pin (WA)	VT-3	NS	705-113
F1.10	1E21-H0001	Hydraulic Snub.	VT-3	1	705-111
F1.10	1E21-H0002	Hydraulic Snub.	VT-3	1	705-111
F1.10	1E21-H0003	Variable Spring	VT-3	1	705-111
F1.10	1E21-H0004	Mechanical Snub.	VT-3	2	705-111

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F1.10	1E21-H0005	Rigid Strut	VT-3	3	705-111

EXAMINATION CATEGORY: F-A

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EXAMINATION CATEGORY: F-A					
F1.10	1E21-H0061	Mechanical Snub.	VT-3	3	705-108
F1.10	1E21-H0062	Mechanical Snub.	VT-3	3	705-108
F1.10	1E21-H0063	Mechanical Snub.	VT-3	3	705-108
F2.10	1E21-H0064	Variable Spring	VT-3	1	705-108
F2.10	1E21-H0065	Mechanical Snub.	VT-3	2	705-108
F2.10	1E21-H0066	Mechanical Snub.	VT-3	2	705-107
F2.10	1E21-H0067	Mechanical Snub.	VT-3	3	705-107
F2.10	1E21-H0069	Mechanical Snub. See NOTE 1	VT-3	NS	705-107
F5.10	1E21-H0079	Mechanical Snub. (Augmented)	VT-3	2	705-101
F2.10	1E21-H0080	Mechanical Snub. (VA <.75" Thickness)	VT-3	3	705-101
F2.10	1E21-H0084	Mechanical Snub.	VT-3	NS	705-108
F2.10	1E21-H0085	Variable Spring	VT-3	NS	705-108
F2.10	1E21-H0087	Rigid Strut	VT-3	2	705-107
F1.10	1E21-H0089	Variable Spring	VT-3	3	705-108
F2.10	1E21-H0096	Mechanical Snub.	VT-3	3	705-108
F2.10	1E21-P103-SP1	Rigid Guide (Inside Penetration Guard Pipe)	VT-3	NS	705-101
F2.10	1E22-C001-SP1	Pump Support, Anchor	VT-3	2	701-114
F2.10	1E22-C001-SP2	Pump Barrel Support (VA)	VT-3	NS	701-114
F2.10	1E22-C001-SP3	Pump Barrel Support (VA)	VT-3	NS	701-114
F3.10	1E22-D008-SP	Exhaust Silencer Support	VT-3	2	355-101
F1.10	1E22-H0001	Hydraulic Snub.	VT-3	1	701-111
F1.10	1E22-H0002	Hydraulic Snub.	VT-3	1	701-111
F1.10	1E22-H0003	Variable Spring	VT-3	2	701-111
F1.10	1E22-H0004	Rigid Strut	VT-3	2	701-111
F1.10	1E22-H0005	Mechanical Snub.	VT-3	3	701-111
F1.10	1E22-H0006	Variable Spring	VT-3	3	701-111
F1.10	1E22-H0007	Mechanical Snub.	VT-3	3	701-109
F1.10	1E22-H0008	Mechanical Snub.	VT-3	1	701-109
F1.10	1E22-H0009	Variable Spring	VT-3	1	701-109
F1.10	1E22-H0010	Mechanical Snub.	VT-3	2	701-109
F1.10	1E22-H0011	Mechanical Snub.	VT-3	2	701-109
F5.10	1E22-H0012	Rigid Guide (Augmented)	VT-3	NS	701-113
F5.10	1E22-H0013	Rigid Guide (Augmented)	VT-3	NS	701-113
F1.10	1E22-H0015	Mechanical Snub.	VT-3	3	701-109
F1.10	1E22-H0016	Variable Spring	VT-3	3	701-109
F1.10	1E22-H0017	Mechanical Snub.	VT-3	1	701-109

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F5.10	1E22-H0020	Anchor (Augmented)	VT-3	2	701-103

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EXAMINATION CATEGORY: 2-A					
F5.10	1E22-H0021	Mechanical Snub. (Augmented)	VT-3	2	701-103
F5.10	1E22-H0022	Variable Spring (Augmented)	VT-3	2	701-103
F5.10	1E22-H0023	Mechanical Snub. (Augmented)	VT-3	2	701-103
F5.10	1E22-H0024	Mechanical Snub. (Augmented)	VT-3	3	701-103
F2.10	1E22-H0025	Variable Spring	VT-3	3	701-103
F2.10	1E22-H0026	Mechanical Snub.	VT-3	3	701-103
F2.10	1E22-H0027	Mechanical Snub. (VA)	VT-3	1	701-102
F2.10	1E22-H0028	Variable Spring	VT-3	1	701-102
F2.10	1E22-H0029	Mechanical Snub. (Tandem)	VT-3	2	701-102
F2.10	1E22-H0030	Mechanical Snub.	VT-3	2	701-102
F2.10	1E22-H0031	Rigid Guide	VT-3	3	701-102
F2.10	1E22-H0032	Mechanical Snubber	VT-3	3	701-102
F2.10	1E22-H0033	Rigid Guide	VT-3	3	701-102
F2.10	1E22-H0034	Mechanical Snub.	VT-3	1	701-102
F2.10	1E22-H0035	Mechanical Snub.	VT-3	1	701-102
F2.10	1E22-H0036	Rigid Guide	VT-3	2	701-102
F2.10	1E22-H0037	Mechanical Snub.	VT-3	2	701-102
F2.10	1E22-H0038	Mechanical Snub. (VA)	VT-3	3	701-101
F2.10	1E22-H0039	Variable Spring	VT-3	3	701-101
F2.10	1E22-H0041	Mechanical Snub.	VT-3	3	701-101
F2.10	1E22-H0042	Variable Spring	VT-3	1	701-103
F2.10	1E22-H0043	Rigid Guide	VT-3	1	701-103
F2.10	1E22-H0044	Rigid Strut	VT-3	2	701-104
F2.10	1E22-H0045	Variable Spring	VT-3	2	701-104
F5.10	1E22-H0047	Mechanical Snub. (Augmented)	VT-3	1	701-104
F2.10	1E22-H0048	Rigid Strut	VT-3	3	701-104
F2.10	1E22-H0049	Rigid Guide	VT-3	3	701-104
F2.10	1E22-H0050	Rigid Strut	VT-3	3	701-105
F2.10	1E22-H0051	Rigid Strut	VT-3	1	701-105
F2.10	1E22-H0052	Rigid Strut	VT-3	1	701-105
F2.10	1E22-H0053	Mechanical Snub.	VT-3	2	701-105
F2.10	1E22-H0054	Mechanical Snub. (VA)	VT-3	2	701-105
F2.10	1E22-H0055	Mechanical Snub.	VT-3	3	701-106
F2.10	1E22-H0056	Variable Spring	VT-3	3	701-106
F2.10	1E22-H0057	Mechanical Snub.	VT-3	3	701-106

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EXAMINATION CATEGORY: F-A					
F2.10	1E22-H0058	Rigid Strut	VT-3	1	701-106
F2.10	1E22-H0059	Variable Spring (Tandem)	VT-3	1	701-106
F2.10	1E22-H0060	Mechanical Snub.	VT-3	2	701-106
F2.10	1E22-H0061	Rigid Guide	VT-3	2	701-106
F2.10	1E22-H0062	Rigid Guide (WA)	VT-3	1	701-107
F2.10	1E22-H0063	Rigid Strut	VT-3	3	701-107
F2.10	1E22-H0064	Mechanical Snub.	VT-3	3	701-108
F2.10	1E22-H0065	Rigid Strut	VT-3	1	701-108
F2.10	1E22-H0066	Mechanical Snub. (Tandem)	VT-3	3	701-108
F5.10	1E22-H0067	Mechanical Snub. (Augmented)	VT-3	2	701-108
F5.10	1E22-H0068	Rigid Guide (Augmented)	VT-3	3	701-108
F2.10	1E22-H0069	Variable Spring	VT-3		701-108
F2.10	1E22-H0070	Mechanical Snub.	VT-3		701-108
F2.10	1E22-H0071	Variable Spring	VT-3	2	701-105
F2.10	1E22-H0072	Rigid Strut	VT-3	2	701-105
F2.10	1E22-H0073	Rigid Strut	VT-3	2	701-105
F5.10	1E22-H0074	Rigid Strut (Augmented)	VT-3	2	701-105
F5.10	1E22-H0075	Rigid Guide (Augmented)	VT-3	2	701-105
F5.10	1E22-H0076	Anchor (Augmented)	VT-3	3	701-105
F2.10	1E22-H0078	Rigid Strut	VT-3	3	701-105
F2.10	1E22-H0079	Variable Spring	VT-3	3	701-105
F2.10	1E22-H0080	Rigid Guide	VT-3	3	701-105
F2.10	1E22-H0081	Mechanical Snub.	VT-3	1	701-105
F2.10	1E22-H0082	Rigid Guide	VT-3	1	701-112
F2.10	1E22-H0083	Rigid Strut	VT-3	2	701-112
F2.10	1E22-H0084	Rigid Strut	VT-3	2	701-112
F2.10	1E22-H0085	Rigid Guide (WA)	VT-3	3	701-112
F2.10	1E22-H0086	Rigid Strut	VT-3	3	701-113
F5.10	1E22-H0087	Mechanical Snub. (Augmented)	VT-3	2	701-113
F5.10	1E22-H0088	Rigid Rod (Augmented)	VT-3	2	701-113
F5.10	1E22-H0103	Rigid Strut (Augmented)	VT-3	3	701-105
F5.10	1E22-H0104	Mechanical Snub. (Augmented)	VT-3	3	701-102
F2.10	1E22-H0105	Mechanical Snub.	VT-3	1	701-101
F2.10	1E22-H0107	Mechanical Snub. (WA) (Tandem)	VT-3	2	701-105
F1.10	1E22-H0117	Variable Spring	VT-3	1	701-108
F1.10	1E22-H0118	Mechanical Snub.	VT-3	2	701-108
F1.10	1E22-H0119	Mechanical Snub.	VT-3	2	701-108

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EXAMINATION CATEGORY: F-A					
F1.10	1E32-H0125	Mechanical Snub.	VT-3	1	341-101
F5.10	1E32-H0174	Mechanical Snub. (Augmented)	VT-3	1	341-103
F5.10	1E32-H0175	Rigid Strut (Augmented)	VT-3	2	341-103
F5.10	1E32-H0176	Rigid Strut (Augmented)	VT-3	2	341-102
F5.10	1E32-H0177	Rigid Strut (Augmented)	VT-3	2	341-102
F5.10	1E32-H0178	Rigid Guide (Augmented)	VT-3	3	341-101
F5.10	1E32-H0179	Rigid Guide (Augmented)	VT-3	3	341-104
F5.10	1E32-H0260	Mechanical Snub. (Augmented)	VT-3	3	341-101
F2.10	1E51-C001-SP	Anchor (VA)	VT-3	1, 3	631-109
F2.10	1E51-C002-SP	Anchor	VT-3	1	632-103
F1.10	1E51-G202A	Rigid Guide (Inside Penetration Guard Pipe)	VT-3	NS	632-101
F5.10	1E51-H0003	Rigid Strut (Augmented)	VT-3	NS	631-110
F5.10	1E51-H0004	Mechanical Snubber (Augmented)	VT-3	NS	631-111
F5.10	1E51-H0005	Rigid Guide (Augmented)	VT-3	NS	631-111
F2.10	1E51-H0008	Mechanical Snub.	VT-3	1	632-103
F5.10	1E51-H0012	Mechanical Snub. (Augmented)	VT-3	1	631-110
F5.10	1E51-H0015	Variable Spring (Augmented)	VT-3	2	631-110
F5.10	1E51-H0019	Mechanical Snub. (Augmented)	VT-3	3	631-110
F5.10	1E51-H0021	Variable Spring (Augmented)	VT-3	NS	632-103
F5.10	1E51-H0022	Rigid Guide (Augmented)	VT-3	2	632-103
F5.10	1E51-H0023	Rigid Guide (Augmented)	VT-3	NS	632-103
F5.10	1E51-H0024	Anchor (Augmented)	VT-3	NS	632-103
F2.10	1E51-H0026	Anchor (VA)	VT-3	1	632-105
F2.10	1E51-H0028	Rigid Guide	VT-3	1	632-105
F2.10	1E51-H0029	Mechanical Snub.	VT-3	2	632-105
F2.10	1E51-H0030	Variable Spring	VT-3	2	631-101
F5.10	1E51-H0031	Rigid Guide (Augmented)	VT-3	3	631-111
F5.10	1E51-H0032	Rigid Guide (Augmented)	VT-3	NS	631-111
F5.10	1E51-H0034	Variable Spring (Augmented)	VT-3	NS	631-112
F5.10	1E51-H0035	Rigid Strut (Augmented)	VT-3	NS	631-112
F5.10	1E51-H0036	Mechanical Snub. (Augmented)	VT-3	1	631-101
F1.10	1E51-H0037	Rigid Strut	VT-3	1	631-106
F1.10	1E51-H0038	Variable Spring	VT-3	1	631-106
F1.10	1E51-H0039	Rigid Strut	VT-3	2	631-106
F1.10	1E51-H0040	Variable Spring	VT-3	2	631-105
F2.10	1E51-H0041	Rigid Guide (VA)	VT-3	2	631-104

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EXAMINATION CATEGORY: F-A					
F2.10	1E51-H0042	Anchor (WA)	VT-3	3	631-102
F2.10	1E51-H0044	Variable Spring	VT-3	3	631-102
F2.10	1E51-H0045	Rigid Strut	VT-3	3	631-102
F2.10	1E51-H0046	Rigid Strut	VT-3	1	631-102
F5.10	1E51-H0053	Mechanical Snub. (Augmented)	VT-3	3	632-103
F5.10	1E51-H0054	Mechanical Snub. (Augmented)	VT-3	3	632-103
F2.10	1E51-H0055	Rigid Strut (WA)	VT-3	2	632-104
F2.10	1E51-H0056	Mechanical Snub.	VT-3	3	632-104

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EXAMINATION CATEGORY: F-A					
F2.10	1E51-H0057	Mechanical Snub.	VT-3	1	631-102
F2.10	1E51-H0058	Variable Spring	VT-3	2	631-102
F1.10	1E51-H0071	Rigid Guide	VT-3	2	631-108
F1.10	1E51-H0072	Mechanical Snub.	VT-3	3	631-108
F1.10	1E51-H0073	Mechanical Snub.	VT-3	1	631-108
F1.10	1E51-H0074	Mechanical Snub.	VT-3	1	631-108
F1.10	1E51-H0075	Variable Spring	VT-3	1	631-107
F1.10	1E51-H0076	Rigid Strut	VT-3	2	631-107
F1.10	1E51-H0078	Rigid Strut	VT-3	2	631-107
F1.10	1E51-H0079	Rigid Strut	VT-3	3	631-107
F1.10	1E51-H0080	Rigid Strut	VT-3	3	631-107
F1.10	1E51-H0081	Rigid Strut	VT-3	3	631-107
F5.10	1E51-H0084	Rigid Strut	VT-3	1	631-101
F5.10	1E51-H0086	Rigid Strut	VT-3	1	631-101
F5.10	1E51-H0087	Rigid Strut	VT-3	2	631-101
F1.10	1E51-H0102	Rigid Guide (VA)	VT-3	1	632-101
F1.10	1E51-H0107	Mechanical Snub.	VT-3	1	632-101
F1.10	1E51-H0108	Mechanical Snub.	VT-3	2	632-101
F1.10	1E51-H0109	Variable Spring	VT-3	2	632-101
F1.10	1E51-H0110	Mechanical Snub.	VT-3	3	632-101
F1.10	1E51-H0111	Mechanical Snub.	VT-3	3	632-101
F1.10	1E51-H0113	Mechanical Snub.	VT-3	1	632-101
F1.10	1E51-H0114	Mechanical Snub.	VT-3	1	632-101
F1.10	1E51-H0129	Rigid Guide	VT-3	2	632-101
F2.10	1E51-H0131	Rigid Guide	VT-3	2	632-103
F2.10	1E51-H0137	Rigid Strut	VT-3	2	631-105
F2.10	1E51-H0138	Variable Spring	VT-3	3	631-103
F5.10	1E51-H0139	Rigid Strut (Augmented)	VT-3	3	631-110
F5.10	1E51-H0140	Mechanical Snub. (Augmented)	VT-3	3	631-110
F2.10	1E51-H0141	Variable Spring	VT-3	3	632-102
F1.10	1E51-H0150	Variable Spring (VA)	VT-3	2	632-108
F1.10	1E51-H0151	Rigid Strut	VT-3	3	631-107
F5.10	1E51-H0152	Rigid Strut	VT-3	3	631-101
F5.10	1E51-H0153	Rigid Strut	VT-3	3	631-101
F5.10	1E51-H0154	Rigid Strut	VT-3	3	631-101
F5.10	1E51-H0155	Rigid Strut (VA)	VT-3	2	631-101
F2.10	1E51-H0156	Mechanical Snub.	VT-3	1	632-103

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EXAMINATION CATEGORY: F-A					
F1.10	1E51-H5002	Rigid Guide	VT-3	3	632-101
F5.10	1E51-P101-SP1	Rigid Guide (Augmented)	VT-3	NS	631-112
F5.10	1E51-P101-SP2	Rigid Guide (Augmented)	VT-3	NS	631-112
F1.10	1E51-P123-SP1	Rigid Guide (Inside Penetration Guard Pipe)	VT-3	NS	631-106
F1.10	1E51-P123-SP2	Rigid Guide (Inside Penetration Guard Pipe)	VT-3	NS	631-106
F1.10	1G33-H0017	Mechanical Snub.	VT-3	1	671-107
F1.10	1G33-H0018	Mechanical Snub.	VT-3	1	671-107
F1.10	1G33-H0020	Rigid Strut	VT-3	2	671-107
F1.10	1G33-H0021	Mechanical Snub.	VT-3	2	671-107
F1.10	1G33-H0023	Mechanical Snub.	VT-3	3	671-105
F1.10	1G33-H0024	Rigid Strut	VT-3	3	671-106
F1.10	1G33-H0025	Rigid Strut	VT-3	3	671-106
F1.10	1G33-H0026	Mechanical Snub.	VT-3	1	671-106
F1.10	1G33-H0027	Rigid Strut (Tandem)	VT-3	1	671-106
F1.10	1G33-H0028	Rigid Guide	VT-3	2	671-106
F1.10	1G33-H0029	Rigid Strut	VT-3	2	671-106
F1.10	1G33-H0030	Mechanical Snub.	VT-3	3	671-105
F1.10	1G33-H0033	Variable Spring	VT-3	3	671-105
F1.10	1G33-H0034	Mechanical Snub.	VT-3	3	671-106
F1.10	1G33-H0078	Variable Spring	VT-3	1	671-102
F1.10	1G33-H0079	Variable Spring (Tandem)	VT-3	1	671-102
F1.10	1G33-H0080	Variable Spring (WA < .625")	VT-3	1	671-103
F1.10	1G33-H0081	Variable Spring	VT-3	1	671-103
F1.10	1G33-H0082	Mechanical Snub.	VT-3	1	671-107
F1.10	1G33-H0083	Mechanical Snub.	VT-3	1	671-103
F1.10	1G33-H0087	Mechanical Snub.	VT-3	2	671-107
F1.10	1G33-H0088	Rigid Strut	VT-3	2	671-107
F1.10	1G33-H0089	Mechanical Snub.	VT-3	2	671-102
F1.10	1G33-H0090	Mechanical Snub.	VT-3	2	671-102
F1.10	1G33-H0091	Mechanical Snub.	VT-3	3	671-102
F1.10	1G33-H0092	Mechanical Snub.	VT-3	3	671-102
F1.10	1G33-H0093	Rigid Strut	VT-3	3	671-103
F1.10	1G33-H0094	Rigid Strut	VT-3	1	671-102
F1.10	1G33-H0095	Rigid Strut	VT-3	3	671-105
F1.10	1G33-H0096	Mechanical Snub.	VT-3	1	671-102
F1.10	1G33-H0097	Mechanical Snub.	VT-3	2	671-103

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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: F-A					
F1.10	1G33-H0098	Mechanical Snub.	VT-3	3	671-105
F1.10	1G33-H0099	Mechanical Snub.	VT-3	1	671-105

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F1.10	1G33-H0100	Rigid Strut	VT-3	1	671-105
F5.10	1G33-H0142	Mechanical Snub. (Augmented)	VT-3	1	671-104
F5.10	1G33-H0144	Mechanical Snub. (Augmented)	VT-3	2	671-104
F5.10	1G33-H0145	Variable Spring (Augmented)	VT-3	2	671-104
F5.10	1G33-H0146	Mechanical Snub. (Augmented)	VT-3	3	671-104
F1.10	1G33-H0165	Rigid Strut	VT-3	2	671-106
F2.10	1G33-H0179	Variable Spring	VT-3	1	672-102
F2.10	1G33-H0183	Variable Spring	VT-3	3	672-101
F2.10	1G33-H0188	Variable Spring	VT-3	1	672-101
F2.10	1G33-H0190	Variable Spring	VT-3	2	672-101
F1.10	1G33-H0204	Variable Spring	VT-3	2	671-105
F1.10	1G33-H0205	Rigid Guide	VT-3	3	671-106
F1.10	1G33-H0206	Variable Spring	VT-3	3	671-107
F1.10	1G33-H0208	Mechanical Snub.	VT-3	1	671-102
F1.10	1G33-H0210	Mechanical Snub.	VT-3	2	671-102
F1.10	1G33-H0211	Mechanical Snub.	VT-3	3	671-102
F1.10	1G33-H0212	Mechanical Snub.	VT-3	3	671-105
F1.10	1G33-H0213	Mechanical Snub.	VT-3	1	671-106
F2.10	1G33-H0215	Mechanical Snub.	VT-3	2	672-102
F2.10	1G33-H0216	Mechanical Snub.	VT-3	3	672-102
F2.10	1G33-H0217	Mechanical Snub.	VT-3	3	672-102
F2.10	1G33-H0218	Mechanical Snub.	VT-3	3	672-102
F2.10	1G33-H0219	Mechanical Snub.	VT-3	1	672-101
F2.10	1G33-H0219	Mechanical Snub.	VT-3	1	672-101
F2.10	1G33-H0220	Mechanical Snub.	VT-3	2	672-101
F2.10	1G33-H0221	Mechanical Snub.	VT-3	2	672-101
F2.10	1G33-H0222	Mechanical Snub.	VT-3	3	672-101
F2.10	1G33-H0223	Mechanical Snub.	VT-3	1	672-101
F2.10	1G33-H0224	Mechanical Snub. (Tandem)	VT-3	1	671-104
F5.10	1G33-H0238	Rigid Strut (Augmented)	VT-3	3	672-101
F2.10	1G33-H0239	Mechanical Snub.	VT-3	2	672-101
F2.10	1G33-H0240	Mechanical Snub.	VT-3	2	672-103
F2.10	1G33-H0269	Mechanical Snub.	VT-3	2	672-103
F2.10	1G33-H0271	Rigid Strut	VT-3	2	672-102
F2.10	1G33-H0273	Variable Spring	VT-3	3	671-106
F1.10	1G33-H0274	Mechanical Snub.	VT-3	2	671-105
F1.10	1G33-H0275	Variable Spring	VT-3	1	671-105
F1.10	1G33-H0276	Mechanical Snub.	VT-3	2	671-105

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EXAMINATION CATEGORY: F-A					
F3.10	1G41-H0026	Rigid Strut (VA)	VT-3	1	655-117
F3.10	1G41-H0027	Rigid Strut	VT-3	2	655-117
F3.10	1G41-H0030	Rigid Guide	VT-3	3	655-110
F3.10	1G41-H0031	Rigid Guide	VT-3	1	655-110
F3.10	1G41-H0032	Variable Spring	VT-3	2	655-110
F3.10	1G41-H0033	Rigid Guide	VT-3	3	655-110
F3.10	1G41-H0034	Rigid Guide	VT-3	1	655-110
F3.10	1G41-H0035	Rigid Guide	VT-3	2	655-110
F3.10	1G41-H0036	Rigid Strut	VT-3	3	655-110
F3.10	1G41-H0037	Mechanical Snub. (Tandem)	VT-3	1	655-110
F3.10	1G41-H0038	Variable Spring (VA)	VT-3	2	655-110
F3.10	1G41-H0039	Rigid Strut	VT-3	3	655-110
F3.10	1G41-H0040	Rigid Strut	VT-3	1	655-110
F3.10	1G41-H0041	Rigid Strut (VA)	VT-3	2	655-110
F3.10	1G41-H0042	Rigid Strut	VT-3	3	655-110
F3.10	1G41-H0043	Rigid Strut	VT-3	1	655-110
F3.10	1G41-H0044	Rigid Strut	VT-3	2	655-110
F3.10	1G41-H0045	Rigid Strut (VA)	VT-3	3	655-110
F3.10	1G41-H0047	Rigid Strut	VT-3	1	651-103
F3.10	1G41-H0048	Mechanical Snub.	VT-3	2	651-103
F3.10	1G41-H0049	Rigid Strut	VT-3	3	651-103
F3.10	1G41-H0050	Mechanical Snub.	VT-3	1	655-107
F3.10	1G41-H0051	Mechanical Snub.	VT-3	1	655-107
F3.10	1G41-H0052	Rigid Strut	VT-3	3	655-107
F3.10	1G41-H0053	Rigid Guide	VT-3	2	655-107
F3.10	1G41-H0054	Rigid Guide (VA)	VT-3	2	655-107
F3.10	1G41-H0055	Variable Spring	VT-3	3	655-107
F3.10	1G41-H0056	Mechanical Snub.	VT-3	1	655-107
F3.10	1G41-H0057	Variable Spring	VT-3	2	655-107
F3.10	1G41-H0058	Rigid Guide	VT-3	3	655-107
F3.10	1G41-H0059	Mechanical Snub.	VT-3	2	655-107
F3.10	1G41-H0060	Rigid Guide	VT-3	2	654-104
F3.10	1G41-H0061	Rigid Guide	VT-3	3	654-104
F3.10	1G41-H0062	Rigid Strut	VT-3	1	654-104
F3.10	1G41-H0063	Rigid Strut	VT-3	2	654-104
F3.10	1G41-H0064	Rigid Guide	VT-3	3	654-104
F3.10	1G41-H0065	Variable Spring	VT-3	1	654-104

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F3.10	1G41-H0066	Rigid Strut	VT-3	2	654-104
F3.10	1G41-H0068	Mechanical Snub.	VT-3	3	654-101
F3.10	1G41-H0069	Rigid Guide	VT-3	2	654-101
F3.10	1G41-H0070	Mechanical Snub. (WA)	VT-3	2	654-101
F3.10	1G41-H0071	Rigid Guide	VT-3	3	654-101
F3.10	1G41-H0072	Variable Spring (Tandem)	VT-3	1	654-101
F3.10	1G41-H0073	Rigid Strut	VT-3	2	654-101
F3.10	1G41-H0074	Variable Spring	VT-3	3	654-101
F3.10	1G41-H0075	Rigid Guide	VT-3	1	654-101
F3.10	1G41-H0076	Rigid Strut	VT-3	2	654-101
F3.10	1G41-H0090	Rigid Strut	VT-3	3	655-109
F3.10	1G41-H0091	Rigid Strut	VT-3	1	655-109
F3.10	1G41-H0094	Rigid Strut	VT-3	2	655-109
F3.10	1G41-H0095	Rigid Strut	VT-3	3	655-109
F3.10	1G41-H0096	Rigid Strut	VT-3	1	655-109
F3.10	1G41-H0097	Rigid Strut	VT-3	2	655-109
F3.10	1G41-H0098	Rigid Strut	VT-3	3	655-109
F3.10	1G41-H0099	Rigid Strut	VT-3	1	655-109
F3.10	1G41-H0100	Rigid Strut	VT-3	2	655-109
F3.10	1G41-H0101	Rigid Strut	VT-3	3	655-109
F3.10	1G41-H0102	Rigid Strut	VT-3	1	655-109
F3.10	1G41-H0103	Rigid Strut	VT-3	2	655-109
F3.10	1G41-H0104	Rigid Strut	VT-3	3	655-109
F3.10	1G41-H0105	Rigid Strut	VT-3	1	655-109
F3.10	1G41-H0106	Rigid Strut	VT-3	2	655-109
F3.10	1G41-H0107	Rigid Strut	VT-3	3	655-109
F3.10	1G41-H0108	Rigid Strut	VT-3	1	655-109
F3.10	1G41-H0109	Rigid Strut	VT-3	2	655-109
F3.10	1G41-H0110	Rigid Strut	VT-3	3	655-109
F3.10	1G41-H0111	Rigid Strut	VT-3	1	655-109
F3.10	1G41-H0112	Rigid Strut	VT-3	2	655-109
F3.10	1G41-H0113	Rigid Strut	VT-3	3	655-109
F3.10	1G41-H0114	Rigid Strut	VT-3	1	655-109
F3.10	1G41-H0115	Rigid Strut	VT-3	2	655-109
F3.10	1G41-H0117	Rigid Strut	VT-3	1	655-112
F3.10	1G41-H0118	Rigid Strut	VT-3	2	655-108

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F3.10	1G41-H0119	Mechanical Snub.	VT-3	3	655-108
F3.10	1G41-H0120	Rigid Strut	VT-3	1	655-108
F3.10	1G41-H0121	Mechanical Snub.	VT-3	1	655-108
F3.10	1G41-H0122	Rigid Strut	VT-3	3	655-108
F3.10	1G41-H0123	Rigid Strut	VT-3	1	655-108
F3.10	1G41-H0124	Rigid Strut	VT-3	2	655-108
F3.10	1G41-H0125	Rigid Strut	VT-3	3	655-108
F3.10	1G41-H0126	Rigid Strut	VT-3	1	655-108
F3.10	1G41-H0127	Rigid Strut	VT-3	2	655-108
F3.10	1G41-H0128	Rigid Guide	VT-3	3	655-108
F3.10	1G41-H0129	Rigid Strut (VA)	VT-3	1	655-108
F3.10	1G41-H0130	Rigid Guide	VT-3	2	655-108
F3.10	1G41-H0131	Rigid Guide	VT-3	3	655-108
F3.10	1G41-H0133	Rigid Guide	VT-3	1	655-108
F3.10	1G41-H0135	Rigid Guide	VT-3	2	655-108
F3.10	1G41-H0136	Rigid Rod	VT-3	2	655-106
F3.10	1G41-H0137	Rigid Strut	VT-3	3	655-108
F3.10	1G41-H0139	Rigid Strut (VA)	VT-3	1	655-108
F3.10	1G41-H0140	Rigid Guide	VT-3	2	655-108
F3.10	1G41-H0141	Rigid Guide	VT-3	3	655-108
F3.10	1G41-H0158	Rigid Strut	VT-3	1	655-109
F3.10	1G41-H0159	Rigid Strut	VT-3	2	655-109
F3.10	1G41-H0160	Rigid Strut	VT-3	3	655-109
F3.10	1G41-H0161	Rigid Strut	VT-3	1	655-109
F3.10	1G41-H0162	Rigid Strut	VT-3	2	655-111
F3.10	1G41-H0163	Rigid Strut	VT-3	3	655-111
F3.10	1G41-H0164	Rigid Strut	VT-3	1	655-111
F3.10	1G41-H0165	Rigid Strut	VT-3	2	655-111
F3.10	1G41-H0166	Rigid Strut	VT-3	2	655-111
F3.10	1G41-H0167	Rigid Strut	VT-3	1	655-111
F3.10	1G41-H0168	Rigid Strut	VT-3	2	655-111
F3.10	1G41-H0169	Rigid Strut	VT-3	3	655-111
F3.10	1G41-H0170	Mechanical Snub.	VT-3	1	655-111
F3.10	1G41-H0171	Mechanical Snub.	VT-3	2	655-111
F3.10	1G41-H0172	Rigid Guide	VT-3	3	655-112
F3.10	1G41-H0173	Rigid Guide	VT-3	1	655-112
F3.10	1G41-H0174	Rigid Guide	VT-3	2	655-112

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EXAMINATION CATEGORY: F-A					
F3.10	1G41-H0175	Rigid Strut	VT-3	3	655-112
F3.10	1G41-H0176	Rigid Strut	VT-3	1	655-112

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F3.10	1G41-H0177	Rigid Strut	VT-3	2	655-112
F3.10	1G41-H0178	Variable Spring	VT-3	3	654-103
F3.10	1G41-H0179	Mechanical Snub. & Rigid Strut	VT-3	1	655-108
F5.10	1G41-H0181	Mechanical Snub. (Augmented)	VT-3	2	655-107
F5.10	1G41-H0183	Mechanical Snub. (Augmented)	VT-3	3	655-106
F5.10	1G41-H0185	Mechanical Snub. (Augmented)	VT-3	3	655-106
F5.10	1G41-H0186	Variable (Augmented)	VT-3	3	655-106
F3.10	1G41-H0184	Rigid Strut (WA)	VT-3	3	655-108
F5.10	1G41-H0188	Rigid Guide (Augmented)	VT-3	1	655-107
F3.10	1G41-H0189	Rigid Guide	VT-3	2	655-112
F3.10	1G41-H0190	Rigid Strut	VT-3	3	655-112
F3.10	1G41-H0191	Mechanical Snub.	VT-3	1	655-112
F3.10	1G41-H0192	Rigid Guide	VT-3	2	655-112
F3.10	1G41-H0193	Rigid Guide	VT-3	3	655-112
F3.10	1G41-H0194	Rigid Guide	VT-3	1	655-112
F3.10	1G41-H0195	Rigid Strut	VT-3	2	655-112
F3.10	1G41-H0196	Rigid Strut	VT-3	3	655-112
F3.10	1G41-H0197	Rigid Strut	VT-3	1	655-112
F3.10	1G41-H0198	Rigid Strut	VT-3	2	655-112
F3.10	1G41-H0199	Rigid Strut	VT-3	3	655-112
F3.10	1G41-H0200	Rigid Strut	VT-3	1	655-112
F5.10	1G41-H0204	Rigid Guide (Augmented)	VT-3	2	654-107
F5.10	1G41-H0205	Rigid Guide (Augmented)	VT-3	3	654-107
F3.10	1G41-H0206	Rigid Strut	VT-3	1	654-107
F3.10	1G41-H0207	Rigid Strut	VT-3	2	654-107
F3.10	1G41-H0208	Rigid Strut	VT-3	3	654-107
F3.10	1G41-H0209	Rigid Guide	VT-3	1	654-107
F3.10	1G41-H0210	Rigid Guide	VT-3	2	654-107
F3.10	1G41-H0211	Rigid Strut	VT-3	3	654-107
F3.10	1G41-H0212	Rigid Strut	VT-3	1	654-107
F3.10	1G41-H0213	Rigid Strut	VT-3	2	654-107
F3.10	1G41-H0214	Rigid Guide	VT-3	3	654-107
F3.10	1G41-H0215	Rigid Strut	VT-3	1	654-106
F3.10	1G41-H0216	Rigid Strut	VT-3	2	654-107
F3.10	1G41-H0217	Rigid Strut	VT-3	3	654-107
F3.10	1G41-H0218	Rigid Strut	VT-3	1	654-107
F3.10	1G41-H0219	Rigid Strut	VT-3	2	654-107

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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: F-A					
F3.10	1G41-H0220	Rigid Strut	VT-3	3	654-106
F3.10	1G41-H0221	Rigid Guide (VA)	VT-3	1	651-101
F3.10	1G41-H0222	Rigid Strut	VT-3	2	651-101

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-307-
EXAMINATION CATEGORY: F-A					
F3.10	1G41-H0392	Rigid Strut	VT-3	1	655-116
F3.10	1G41-H0393	Rigid Strut	VT-3	2	655-116
F3.10	1G41-H0394	Rigid Strut	VT-3	3	655-114
F3.10	1G41-H0395	Rigid Strut	VT-3	1	655-114
F3.10	1G41-H0396	Rigid Guide (VA)	VT-3	1	655-114
F3.10	1G41-H0400	Rigid Guide	VT-3	2	655-105
F3.10	1G41-H0401	Rigid Guide	VT-3	3	655-105
F3.10	1G41-H0404	Anchor (VA)	VT-3	1	655-105
F3.10	1G41-H0407	Rigid Strut	VT-3	2	655-104
F3.10	1G41-H0408	Rigid Strut	VT-3	3	655-104
F3.10	1G41-H0409	Rigid Strut	VT-3	1	655-106
F3.10	1G41-H0410	Rigid Strut	VT-3	2	655-106
F3.10	1G41-H0415	Anchor (VA)	VT-3	3	654-103
F3.10	1G41-H0416	Rigid Guide	VT-3	1	651-102
F3.10	1G41-H0418	Rigid Guide	VT-3	2	651-102
F3.10	1G41-H0425	Anchor (VA)	VT-3	3	654-102
F3.10	1G41-H0426	Anchor (VA)	VT-3	1	654-103
F3.10	1G41-H0427	Anchor (VA)	VT-3	2	655-116
F3.10	1G41-H0429	Rigid Strut (VA)	VT-3	3	651-102
F3.10	1G41-H0430	Rigid Strut	VT-3	1	655-112
F3.10	1G41-H0449	Variable Spring	VT-3	2	654-101
F3.10	1G41-H0450	Mechanical Snub. (Tandem)	VT-3	3	654-101
F3.10	1G41-H0453	Rigid Strut	VT-3	1	655-105
F3.10	1G41-H0460	Rigid Guide	VT-3	2	655-105
F3.10	1G41-H0471	Rigid Strut	VT-3	3	655-115
F3.10	1G41-H0472	Mechanical Snub.	VT-3	1	655-115
F5.10	1G41-H0473	Rigid Guide (Augmented)	VT-3	2	655-114
F3.10	1G41-H0478	Mechanical Snub.	VT-3	3	655-114
F5.10	1G41-H0479	Mechanical Snub. (Augmented)	VT-3	1	655-106
F3.10	1G41-H0481	Rigid Strut (VA)	VT-3	2	654-105
F5.10	1G41-H0482	Variable Spring (Augmented)	VT-3	3	655-106
F5.10	1G41-H0483	Mechanical Snub. (Augmented)	VT-3	1	655-106
F3.10	1G41-H0484	Rigid Strut	VT-3	2	655-108
F3.10	1G41-H0485	Rigid Strut	VT-3	3	655-106
F3.10	1G41-H0486	Rigid Strut	VT-3	1	655-108
F3.10	1G41-H0487	Rigid Strut	VT-3	2	655-112
F3.10	1G41-H0488	Rigid Strut	VT-3	3	655-112

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F3.10	1G41-H0489	Rigid Strut	VT-3	1	655-108
F3.10	1G41-H0492	Rigid Strut	VT-3	2	655-106
F3.10	1G41-H0493	Mechanical Snub.	VT-3	3	651-101
F3.10	1G41-H0494	Mechanical Snub.	VT-3	1	655-104
F3.10	1G41-H0498	Rigid Strut	VT-3	2	651-10
F3.10	1G41-H0499	Rigid Strut	VT-3	3	651-1
F3.10	1G41-H0500	Rigid Guide	VT-3	1	654-10
F3.10	1G41-H0501	Rigid Strut	VT-3	2	654-104
F3.10	1G41-H0502	Rigid Strut	VT-3	3	651-101
F3.10	1G41-H0503	Variable Spring	VT-3	1	654-101
F3.10	1G41-H5000	Rigid Guide	VT-3	2	654-106
F3.10	1G41-H5001	Mechanical Snub. (WA) (Tandem)	VT-3	3	655-108
F3.10	1G42-H0004	Mechanical Snub.	VT-3	2	655-101
F3.10	1G42-H0005	Rigid Guide (WA)	VT-3	3	655-101
F3.10	1G42-H0006	Rigid Guide	VT-3	1	655-101
F3.10	1G42-H0007	Rigid Guide	VT-3	2	655-101
F3.10	1G42-H0008	Mechanical Snub.	VT-3	3	655-101
F3.10	1G42-H0009	Mechanical Snub.	VT-3	1	655-101
F3.10	1G42-H0010	Mechanical Snub. (WA)	VT-3	2	655-101
F3.10	1G42-H0012	Rigid Rod	VT-3	3	655-101
F3.10	1G42-H0013	Mechanical Snub. (WA)	VT-3	3	655-101
F3.10	1G42-H0014	Mechanical Snub.	VT-3	1	655-101
F3.10	1G42-H0015	Mechanical Snub.	VT-3	2	655-101
F3.10	1G42-H0016	Rigid Rod	VT-3	3	655-101
F3.10	1G42-H0017	Rigid Guide	VT-3	1	655-101
F5.10	1G42-H0020	Anchor (Augmented)	VT-3	2	655-102
F5.10	1G42-H0038	Anchor (Augmented)	VT-3	3	655-112
F5.10	1G42-H0048	Mechanical Snub. (Augmented)	VT-3	1	655-102
F5.10	1G42-PH088	Rigid Strut (Augmented)	VT-3	3	655-102
F2.10	1N11-H0221	Rigid Guide (WA)	VT-3	1	605-108
F2.10	1N11-H0222	Rigid Guide (WA)	VT-3	3	605-110
F2.10	1N11-H0223	Rigid Guide (WA)	VT-3	3	605-107
F2.10	1N11-H0224	Rigid Guide (WA)	VT-3	3	605-109
F5.10	1N11-H0225	Rigid Guide (Augmented)	VT-3	2	605-108
F5.10	1N11-H0226	Rigid Guide (Augmented)	VT-3	2	605-110

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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: F-A					
F5.10	1N11-H0227	Rigid Guide (Augmented)	VT-3	2	605-107

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F5.10	1N11-H0228	Rigid Guide (Augmented)	VT-3	2	605-109
F2.10	1N11-H0229	Variable Spring	VT-3	1	605-108
F2.10	1N11-H0230	Variable Spring	VT-3	2	605-110
F2.10	1N11-H0231	Variable Spring	VT-3	3	605-107
F2.10	1N11-H0232	Variable Spring	VT-3	3	605-109
F1.10	1N22-H0003	Mechanical Snub.	VT-3	1	121-101
F1.10	1N22-H0004	Mechanical Snub.	VT-3	2	121-102
F1.10	1N22-H0005	Variable Spring	VT-3	2	121-102
F1.10	1N22-H0006	Mechanical Snub.	VT-3	2	121-102
F1.10	1N22-H0007	Mechanical Snub.	VT-3	3	121-102
F1.10	1N22-H0008	Mechanical Snub.	VT-3	3	121-102
F1.10	1N22-H0009	Mechanical Snub.	VT-3	3	121-102
F1.10	1N22-H0010	Variable Spring	VT-3	1	121-102
F1.10	1N22-H0011	Mechanical Snub.	VT-3	2	121-102
F1.10	1N22-H0012	Mechanical Snub.	VT-3	2	121-102
F1.10	1N22-H0013	Mechanical Snub.	VT-3	2	121-102
F1.10	1N22-H0014	Mechanical Snub.	VT-3	3	121-101
F1.10	1N22-H0015	Mechanical Snub.	VT-3	3	121-101
F1.10	1N22-H0016	Mechanical Snub.	VT-3	3	121-101
F1.10	1N22-H0017	Mechanical Snub.	VT-3	1	121-101
F1.10	1N22-H0018	Rigid Strut	VT-3	2	121-101
F1.10	1N22-H0019	Variable Spring	VT-3	2	121-101
F5.10	1N22-H0021	Rigid Strut (Augmented)	VT-3	1	121-103
F5.10	1N22-H0022	Rigid Strut (Augmented)	VT-3	2	121-103
F1.10	1N22-H0126	Mechanical Snub.	VT-3	3	121-102
F1.10	1N22-H0127	Mechanical Snub.	VT-3	3	121-102
F1.10	1N22-H0128	Mechanical Snub.	VT-3	1	121-102
F1.10	1N22-H0129	Mechanical Snub.	VT-3	3	121-102
F1.10	1N22-H0130	Mechanical Snub.	VT-3	1	121-103
F1.10	1N22-H0131	Mechanical Snub.	VT-3	1	121-101
F1.10	1N22-H0132	Rigid Strut	VT-3	1	121-103
F1.10	1N22-H0148	Mechanical Snub.	VT-3	1	121-101
F1.10	1N22-P423-SP1	Rigid Guide (Inside Penetration Guard Pipe)	VT-3	NS	121-103
F1.10	1N22-P423-SP2	Rigid Guide (Inside Penetration Guard Pipe)	VT-3	NS	121-103
F1.10	1N22-P423-SP3	Rigid Guide (Inside Penetration Guard Pipe)	VT-3	NS	121-103

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EXAMINATION CATEGORY: F-A					
F1.10	1N27-H0001	Hydraulic Snub.	VT-3	1	082-103
F1.10	1N27-H0002	Hydraulic Snub.	VT-3	2	082-103
F1.10	1N27-H0004	Hydraulic Snub.	VT-3	1	082-102
F1.10	1N27-H0005	Hydraulic Snub.	VT-3	1	082-102
F1.10	1N27-H0006	Hydraulic Snub.	VT-3	2	082-102
F1.10	1N27-H0007	Hydraulic Snub.	VT-3	2	082-102
F1.10	1N27-H0008	Hydraulic Snub.	VT-3	3	082-102
F1.10	1N27-H0009	Hydraulic Snub.	VT-3	3	082-102
F1.10	1N27-H0010	Variable Spring (VA)	VT-3	3	082-103
F1.10	1N27-H0011	Variable Spring	VT-3	1	082-102
F1.10	1N27-H0012	Variable Spring	VT-3	1	082-102
F1.10	1N27-H0013	Hydraulic Snub.	VT-3	3	082-106
F1.10	1N27-H0014	Hydraulic Snub.	VT-3	3	082-106
F1.10	1N27-H0016	Hydraulic Snub.	VT-3	2	082-105
F1.10	1N27-H0017	Hydraulic Snub.	VT-3	2	082-105
F1.10	1N27-H0018	Hydraulic Snub.	VT-3	3	082-105
F1.10	1N27-H0019	Hydraulic Snub.	VT-3	3	082-105
F1.10	1N27-H0020	Hydraulic Snub.	VT-3	3	082-105
F1.10	1N27-H0021	Hydraulic Snub.	VT-3	1	082-105
F1.10	1N27-H0022	Variable Spring (VA)	VT-3	2	082-106
F1.10	1N27-H0023	Variable Spring	VT-3	2	082-105
F1.10	1N27-H0024	Variable Spring	VT-3	2	082-105
F1.10	1N27-H0025	Hydraulic Snub.	VT-3	1	082-102
F1.10	1N27-H0026	Hydraulic Snub.	VT-3	3	082-105
F1.10	1N27-H0027	Variable Spring	VT-3	3	082-105
F1.10	1N27-H0028	Variable Spring	VT-3	1	082-102
F1.10	1N27-H0029	Rigid Guide (WA)	VT-3	1	082-102
F1.10	1N27-H0030	Rigid Guide (WA)	VT-3	2	082-105
F2.10	1N27-H0031	Rigid Guide (WA)	VT-3	3	082-104
F2.10	1N27-H0032	Rigid Guide (WA)	VT-3	3	082-101
F5.10	1N27-H0033	Rigid Guide (Augmented)	VT-3	2	082-104
F5.10	1N27-H0034	Rigid Guide (Augmented)	VT-3	2	082-101
F1.10	1N27-P121-SP1	Rigid Guide (Inside Penetration Guard Pipe)	VT-3	NS	082-101
F1.10	1N27-P414-SP1	Rigid Guide (Inside Penetration Guard Pipe)	VT-3	NS	082-104
F3.10	1P42-A001A-SP	Surge Tank Anchor (WA)	VT-3	1	621-113
F3.10	1P42-A001B-SP	Surge Tank Anchor (WA)	VT-3	2	621-113

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F3.10	1P42-B001A-SP	Heat Exchanger Anchor (WA)	VT-3	1	621-112
F3.10	1P42-B001B-SP	Heat Exchanger Anchor (WA)	VT-3	3	621-112
F3.10	1P42-C001A-SP	Pump Anchor (WA)	VT-3	2	
F3.10	1P42-C001B-SP	Pump Anchor (WA)	VT-3	3	
F5.10	1P42-H0055	Anchor (Augmented)	VT-3	3	621-105
F3.10	1P42-H0102	Rigid Guide (WA)	VT-3	1	621-106
F3.10	1P42-H0103	Rigid Strut	VT-3	2	621-106
F3.10	1P42-H0104	Rigid Guide	VT-3	3	621-108
F3.10	1P42-H0105	Rigid Strut	VT-3	1	621-108
F3.10	1P42-H0106	Rigid Strut	VT-3	2	621-108
F3.10	1P42-H0107	Rigid Rod	VT-3	3	621-108
F3.10	1P42-H0108	Rigid Strut (WA)	VT-3	3	621-108
F3.10	1P42-H0109	Rigid Rod	VT-3	1	621-108
F3.10	1P42-H0110	Rigid Rod (WA)	VT-3	2	621-106
F3.10	1P42-H0111	Rigid Guide (WA)	VT-3	3	621-106
F3.10	1P42-H0112	Variable Spring (WA)	VT-3	3	621-106
F3.10	1P42-H0113	Rigid Guide	VT-3	1	621-106
F3.10	1P42-H0114	Rigid	VT-3	2	621-106
F3.10	1P42-H0115	Rigid Guide (WA)	VT-3	1	621-107
F3.10	1P42-H0116	Rigid Strut	VT-3	2	621-107
F3.10	1P42-H0117	Rigid Strut	VT-3	3	621-107
F3.10	1P42-H0118	Rigid Rod	VT-3	1	621-106
F3.10	1P42-H0119	Rigid Guide	VT-3	2	621-106
F3.10	1P42-H0120	Variable Spring (WA)	VT-3	3	621-106
F3.10	1P42-H0121	Rigid Guide	VT-3	1	621-106
F3.10	1P42-H0122	Rigid Guide (WA)	VT-3	1	621-106
F3.10	1P42-H0123	Rigid Rod (WA)	VT-3	2	621-107
F3.10	1P42-H0124	Rigid Guide	VT-3	3	621-101
F3.10	1P42-H0125	Rigid Rod	VT-3	1	621-108
F3.10	1P42-H0138	Rigid Strut	VT-3	2	621-108
F3.10	1P42-H0139	Rigid Strut	VT-3	3	621-108
F3.10	1P42-H0140	Rigid Guide	VT-3	1	621-107
F3.10	1P42-H0142	Rigid Guide	VT-3	2	621-109
F3.10	1P42-H0143	Rigid Strut	VT-3	3	621-109
F3.10	1P42-H0145	Rigid Guide	VT-3	1	621-109
F3.10	1P42-H0146	Rigid Rod	VT-3	2	621-109
F3.10	1P42-H0147	Rigid Rod	VT-3	3	621-109

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EXAMINATION CATEGORY: F-A					
F3.10	1P42-H0148	Rigid Guide (WA)	VT-3	3	621-109
F3.10	1P42-H0149	Rigid Guide	VT-3	1	621-109
F3.10	1P42-H0156	Rigid Guide	VT-3	2	621-109
F3.10	1P42-H0157	Rigid Strut	VT-3	3	621-109
F3.10	1P42-H0158	Rigid Guide	VT-3	1	621-109
F3.10	1P42-H0159	Rigid Rod	VT-3	2	621-109
F3.10	1P42-H0160	Rigid Rod	VT-3	3	621-109
F3.10	1P42-H0161	Rigid Guide (WA)	VT-3	1	621-111
F3.10	1P42-H0162	Rigid Guide (WA)	VT-3	2	621-111
F3.10	1P42-H0163	Rigid Guide	VT-3	3	621-110
F3.10	1P42-H0164	Rigid Guide	VT-3	1	621-110
F5.10	1P42-H0170	Anchor (Augmented)	VT-3	2	621-107
F3.10	1P42-H0171	Anchor (WA)	VT-3	2	621-107
F3.10	1P42-H0181	Rigid Rod	VT-3	3	621-109
F3.10	1P42-H0191	Anchor (WA)	VT-3	3	621-101
F3.10	1P42-H0194	Rigid Strut	VT-3	1	621-101
F3.10	1P42-H0195	Rigid Guide	VT-3	2	621-108
F3.10	1P42-H0196	Rigid Rod	VT-3	3	621-101
F3.10	1P42-H0197	Rigid Rod	VT-3	1	621-102
F3.10	1P42-H0198	Rigid Guide	VT-3	2	621-102
F3.10	1P42-H0199	Rigid Rod	VT-3	3	621-102
F3.10	1P42-H0204	Rigid Strut	VT-3	1	621-102
F3.10	1P42-H0205	Rigid Strut	VT-3	2	621-102
F3.10	1P42-H0206	Rigid Guide	VT-3	3	621-102
F3.10	1P42-H0208	Rigid Rod	VT-3	1	621-103
F3.10	1P42-H0209	Rigid Rod	VT-3	2	621-103
F3.10	1P42-H0210	Anchor (WA)	VT-3	3	621-103
F3.10	1P42-H0211	Variable Spring	VT-3	1	621-103
F3.10	1P42-H0212	Rigid Strut	VT-3	2	621-103
F3.10	1P42-H0213	Mechanical Snub. (WA)	VT-3	2	621-103
F3.10	1P42-H0215	Rigid Strut	VT-3	3	621-102
F3.10	1P42-H0216	Rigid Guide	VT-3	1	621-101
F3.10	1P42-H0217	Rigid Guide	VT-3	2	621-102
F3.10	1P42-H0218	Rigid Strut	VT-3	3	621-103
F3.10	1P42-H0219	Anchor (WA)	VT-3	3	621-109
F3.10	1P42-H0220	Rigid Rod	VT-3	2	621-104
F3.10	1P42-H0221	Rigid Guide (WA)	VT-3	1	621-104

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EXAMINATION CATEGORY: F-A					
F3.10	1P45-H0054	Rigid Guide	VT-3	1	792-112
F3.10	1P45-H0055	Rigid Guide	VT-3	2	792-112
F3.10	1P45-H0056	Rigid Guide	VT-3	3	792-112
F3.10	1P45-H0057	Rigid Guide	VT-3	1	792-112
F3.10	1P45-H0058	Rigid Guide	VT-3	2	792-112
F3.10	1P45-H0059	Rigid Rod	VT-3	3	792-112
F3.10	1P45-H0060	Anchor (WA)	VT-3	3	792-112
F3.10	1P45-H0061	Rigid Guide	VT-3	1	792-112
F3.10	1P45-H0062	Rigid Guide	VT-3	2	792-112
F3.10	1P45-H0063	Rigid Guide	VT-3	3	792-112
F3.10	1P45-H0064	Rigid Guide	VT-3	1	792-112
F3.10	1P45-H0065	Rigid Guide	VT-3	2	792-112
F3.10	1P45-H0066	Rigid Guide	VT-3	3	792-112
F3.10	1P45-H0067	Rigid Guide	VT-3	1	792-112
F3.10	1P45-H0068	Mechanical Snub.	VT-3	2	792-112
F3.10	1P45-H0069	Mechanical Snub.	VT-3	3	792-112
F3.10	1P45-H0070	Anchor (WA)	VT-3	1	792-112
F3.10	1P45-H0071	Variable Spring (WA)	VT-3	1	792-113
F3.10	1P45-H0072	Mechanical Snub.	VT-3	2	792-112
F3.10	1P45-H0073	Mechanical Snub.	VT-3	3	792-113
F3.10	1P45-H0074	Mechanical Snub.	VT-3	1	792-113
F3.10	1P45-H0075	Variable Spring	VT-3	2	792-113
F3.10	1P45-H0076	Mechanical Snub.	VT-3	3	792-113
F3.10	1P45-H0077	Anchor (WA)	VT-3	3	792-113
F3.10	1P45-H0078	Rigid Guide	VT-3	1	792-117
F3.10	1P45-H0079	Rigid Guide	VT-3	2	792-117
F3.10	1P45-H0080	Rigid Guide	VT-3	3	792-117
F3.10	1P45-H0081	Rigid Guide	VT-3	1	792-117
F3.10	1P45-H0082	Rigid Guide	VT-3	2	792-117
F3.10	1P45-H0083	Rigid Guide	VT-3	3	792-117
F3.10	1P45-H0084	Rigid Guide	VT-3	1	792-117
F3.10	1P45-H0085	Rigid Rod	VT-3	2	792-117
F3.10	1P45-H0086	Rigid Strut	VT-3	3	792-117
F3.10	1P45-H0087	Rigid Guide	VT-3	1	792-117
F3.10	1P45-H0088	Rigid Guide	VT-3	2	792-117
F3.10	1P45-H0089	Anchor (WA)	VT-3	3	792-118
F3.10	1P45-H0090	Rigid Guide	VT-3	1	791-111

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F3.10	1P45-H0165	Rigid Guide	VT-3	3	792-104
F3.10	1P45-H0166	Rigid Strut (Tandem)	VT-3	1	792-104
F3.10	1P45-H0167	Variable Spring	VT-3	2	792-104
F3.10	1P45-H0168	Mechanical Snub. (Tandem)	VT-3	1	792-104
F3.10	1P45-H0169	Rigid Strut (VA)	VT-3	3	792-104
F3.10	1P45-H0170	Rigid Rod (VA)	VT-3	1	791-106
F3.10	1P45-H0171	Variable Spring	VT-3	2	791-106
F3.10	1P45-H0172	Anchor (VA)	VT-3	1	791-106
F3.10	1P45-H0173	Mechanical Snub.	VT-3	2	791-106
F3.10	1P45-H0174	Anchor (Augmented)	VT-3	3	791-106
F3.10	1P45-H0175	Variable Spring (VA)	VT-3	3	791-106
F3.10	1P45-H0176	Mechanical Snub. (Tandem)	VT-3	1	791-106
F3.10	1P45-H0177	Mechanical Snub. (Tandem)	VT-3	2	791-106
F3.10	1P45-H0178	Variable Spring	VT-3	3	791-106
F3.10	1P45-H0179	Mechanical Snub.	VT-3	1	791-106
F3.10	1P45-H0180	Variable Spring	VT-3	2	791-106
F3.10	1P45-H0181	Rigid Strut	VT-3	3	791-106
F3.10	1P45-H0182	Rigid Strut	VT-3	1	791-106
F3.10	1P45-H0183	Mechanical Snub. (VA)	VT-3	1	791-106
F3.10	1P45-H0184	Rigid Rod	VT-3	2	791-106
F3.10	1P45-H0185	Mechanical Snub. (Tandem)	VT-3	3	791-106
F3.10	1P45-H0186	Mechanical Snub. (VA)	VT-3	2	791-106
F3.10	1P45-H0187	Rigid Rod	VT-3	3	791-106
F3.10	1P45-H0188	Rigid Rod	VT-3	1	791-106
F3.10	1P45-H0189	Anchor (VA)	VT-3	3	791-106
F3.10	1P45-H0190	Rigid Strut	VT-3	1	791-113
F3.10	1P45-H0191	Rigid Guide (VA)	VT-3	2	791-113
F3.10	1P45-H0192	Mechanical Snub.	VT-3	3	791-113
F3.10	1P45-H0193	Rigid Strut	VT-3	1	791-113
F3.10	1P45-H0194	Rigid Strut	VT-3	2	791-113
F3.10	1P45-H0195	Rigid Strut	VT-3	3	791-113
F3.10	1P45-H0196	Rigid Strut	VT-3	1	791-113
F3.10	1P45-H0197	Rigid Strut	VT-3	2	791-113
F3.10	1P45-H0198	Rigid Strut	VT-3	3	791-113
F3.10	1P45-H0199	Rigid Guide	VT-3	1	791-113
F3.10	1P45-H0200	Rigid Guide	VT-3	2	791-113
F3.10	1P45-H0201	Rigid Rod	VT-3	3	791-113

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EXAMINATION CATEGORY: F-A					
F3.10	1P45-H0532	Rigid Guide	VT-3	3	792-111
F3.10	1P45-H0547	Rigid Strut	VT-3	1	792-111
F3.10	1P45-H0548	Rigid Guide	VT-3	2	792-111
F3.10	1P45-H0549	Rigid Strut	VT-3	3	792-111
F3.10	1P45-H0550	Rigid Guide	VT-3	1	792-111
F3.10	1P45-H0551	Rigid Strut	VT-3	2	792-111
F3.10	1P45-H0552	Rigid Guide	VT-3	3	792-111
F3.10	1P45-H0603	Rigid Guide	VT-3	1	791-113
F3.10	1P45-H0604	Rigid Guide	VT-3	2	791-113
F3.10	1P45-H0605	Rigid Guide	VT-3	3	791-113
F3.10	1P45-H0606	Rigid Guide	VT-3	1	791-113
F3.10	1P45-H0607	Rigid Guide	VT-3	2	791-113
F3.10	1P45-H0608	Rigid Guide	VT-3	3	791-113
F2.10	1P45-H0609	Variable Spring	VT-3	1	792-113
F2.10	1P45-H0610	Mechanical Snub. (Tandem)	VT-3	2	792-113
F2.10	1P45-H0611	Mechanical Snub. (VA)	VT-3	1	792-113
F3.10	1P45-H0612	Rigid Strut	VT-3	2	792-113
F3.10	1P45-H0613	Rigid Strut	VT-3	3	792-113
F3.10	1P45-H0614	Rigid Strut	VT-3	1	792-113
F3.10	1P45-H0615	Rigid Guide	VT-3	2	792-113
F3.10	1P45-H0616	Rigid Strut	VT-3	3	792-113
F3.10	1P45-H0617	Mechanical Snub. (Tandem)	VT-3	1	792-113
F3.10	1P45-H0618	Rigid Strut	VT-3	2	792-113
F3.10	1P45-H0619	Rigid Strut	VT-3	3	792-114
F3.10	1P45-H0620	Rigid Guide	VT-3	1	792-111
F3.10	1P45-H0621	Rigid Guide	VT-3	2	792-101
F3.10	1P45-H0622	Rigid Strut	VT-3	3	792-109
F3.10	1P45-H0623	Rigid Strut	VT-3	1	791-101
F3.10	1P45-H0625	Anchor (VA)	VT-3	2	791-101
F3.10	1P45-H0626	Variable Spring	VT-3	3	791-108
F3.10	1P45-H0627	Variable Spring	VT-3	1	791-109
F3.10	1P45-H0643	Rigid Guide (VA)	VT-3	1	791-110
F3.10	1P45-H0644	Rigid Strut	VT-3	2	791-110
F3.10	1P45-H0645	Rigid Strut	VT-3	3	791-110
F3.10	1P45-H0646	Rigid Guide	VT-3	1	791-110
F3.10	1P45-H0647	Rigid Strut	VT-3	2	791-110
F3.10	1P45-H0648	Rigid Guide (VA)	VT-3	3	791-110

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EXAMINATION CATEGORY: F-A					
F3.10	1P47-H0286	Mechanical Snub. (WA)	VT-3	2	002-105
F3.10	1P47-H0287	Mechanical Snub. (WA)	VT-3	3	002-110
F3.10	1P47-H0289	Rigid Strut	VT-3	1	002-106
F3.10	1P47-H0290	Rigid Guide	VT-3	2	002-111
F3.10	1P47-H0291	Rigid Strut	VT-3	3	002-111
F3.10	1P47-H0292	Rigid Strut	VT-3	1	002-111
F3.10	1P47-H0293	Rigid Guide	VT-3	2	002-111
F3.10	1P47-H0294	Rigid Guide	VT-3	3	002-111
F3.10	1P47-H0295	Rigid Strut	VT-3	1	002-112
F3.10	1P47-H0296	Rigid Strut	VT-3	2	002-112
F3.10	1P47-H0297	Rigid Guide	VT-3	3	002-112
F3.10	1P47-H0298	Rigid Guide	VT-3	1	002-106
F3.10	1P47-H0299	Rigid Guide	VT-3	2	002-106
F3.10	1P47-H0301	Rigid Strut	VT-3	3	002-104
F3.10	1P47-H0302	Rigid Guide	VT-3	1	002-113
F3.10	1P47-H0303	Rigid Strut	VT-3	2	002-113
F3.10	1P47-H0304	Rigid Guide	VT-3	3	002-113
F3.10	1P47-H0322	Rigid Guide	VT-3	1	002-102
F3.10	1P47-H0329	Rigid Strut	VT-3	2	002-114
F3.10	1P47-H0331	Rigid Strut	VT-3	3	002-114
F3.10	1P47-H0333	Rigid Strut	VT-3	1	002-113
F3.10	1P47-H0335	Rigid Strut	VT-3	2	002-113
F3.10	1P47-H0337	Rigid Guide	VT-3	3	002-114
F3.10	1P47-H0338	Rigid Guide	VT-3	1	002-114
F3.10	1P47-H0340	Rigid Strut	VT-3	2	002-114
F3.10	1P47-H0341	Rigid Strut	VT-3	3	002-114
F3.10	1P47-H0342	Rigid Strut	VT-3	1	002-104
F3.10	1P47-H0343	Rigid Strut	VT-3	2	002-103
F5.10	1P47-H0345	Rigid Strut (Augmented)	VT-3	3	002-104
F3.10	1P47-H0346	Rigid Strut	VT-3	1	002-104
F3.10	1P47-H0347	Rigid Strut	VT-3	2	002-113
F3.10	1P47-H0348	Rigid Strut (WA)	VT-3	2	002-104
F3.10	1P47-H0349	Rigid Strut (WA)	VT-3	3	002-113
F3.10	1P47-H0350	Rigid Guide	VT-3	1	002-104
F3.10	1P47-H0351	Rigid Strut	VT-3	2	002-104
F3.10	1P47-H0353	Rigid Strut	VT-3	3	002-114
F3.10	1P47-H0354	Rigid Guide	VT-3	1	002-112

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EXAMINATION CATEGORY: F-A					
F3.10	1R44-A002B-SP	Anchor, Starting Air Rec. Tk (WA)	VT-3	3	351-105
F3.10	1R45-A003A-SP	Anchor, Fuel Oil Day Tk (WA)	VT-3	3	355-110
F3.10	1R45-A003B-SP	Anchor, Fuel Oil Day Tk (WA)	VT-3	1	355-111
F3.10	1R45-A005-SP	Anchor, HPCS Fuel Oil Day Tk (WA)	VT-3	2	356-101
F3.10	1R46-A003A-SP	Anchor, Jacket Water Stand Pipe (WA)	VT-3	3	354-105
F3.10	1R46-A003B-SP	Anchor, Jacket Water Stand Pipe (WA)	VT-3	1	354-106
F3.10	1R46-B001A-SP	Anchor, Lube Oil Ht Exch. (WA)	VT-3	2	354-101
F3.10	1R46-B001B-SP	Anchor, Lube Oil Ht Exch. (WA)	VT-3	3	354-102
F3.10	1R46-B002A-SP	Anchor, Jacket Water Ht Exch. (WA)	VT-3	1	354-103
F3.10	1R46-B002B-SP	Anchor, Jacket Water Ht Exch. (WA)	VT-3	2	354-104
F3.10	1R47-A001A-SP	Stnby Diesel Gen. L.O. Tk Anchor (WA)	VT-3	3	353-103
F3.10	1R47-A001B-SP	Stnby Diesel Gen. L.O. Tk Anchor (WA)	VT-3	1	353-104
F3.10	1R47-D005A-SP	Stnby Diesel Gen. L.O. Filter Anchor (WA)	VT-3	2	353-105
F3.10	1R47-D005B-SP	Stnby Diesel Gen. L.O. Filter Anchor (WA)	VT-3	3	353-106
F3.10	1R47-D006A-SP	Stnby Diesel Gen. L.O. Kp Warm Filter Anchor (WA)	VT-3	1	353-101
F3.10	1R47-D006B-SP	Stnby Diesel Gen. L.O. Kp Warm Filter Anchor (WA)	VT-3	2	353-102
F3.10	1R48-D001A-SP	Anchor; Stby Diesel Silencer (WA)	VT-3	2	355-105
F3.10	1R48-D001B-SP	Anchor; Stby Diesel Silencer (WA)	VT-3	3	355-104
F3.10	1R48-D002A-SP	Anchor; Stby Diesel Silencer (WA)	VT-3	2	355-103
F3.10	1R48-D002B-SP	Anchor; Stby Diesel Silencer (WA)	VT-3	3	355-102
F3.10	1R48-D003A-SP	Anchor; Stby Diesel Silencer (WA)	VT-3	2	355-103
F3.10	1R48-D003B-SP	Anchor; Stby Diesel Silencer (WA)	VT-3	3	355-102
F3.10	1R48-D0010A-SP	Anchor; Stby Diesel Silencer (WA)	VT-3	2	355-107
F3.10	1R48-D0010B-SP	Anchor; Stby Diesel Silencer (WA)	VT-3	3	355-106
F3.10	1R48-H0001	Rigid Guide	VT-3	3	355-103
F3.10	1R48-H0002	Rigid Guide	VT-3	1	355-103
F3.10	1R48-H0003	Rigid Guide	VT-3	2	355-103
F3.10	1R48-H0004	Rigid Rod	VT-3	3	355-103
F3.10	1R48-H0005	Anchor (WA)	VT-3	1	355-103
F3.10	1R48-H0006	Anchor (WA)	VT-3	1	355-103
F3.10	1R48-H0007	Rigid Guide	VT-3	2	355-103
F3.10	1R48-H0008	Rigid Strut	VT-3	3	355-103
F3.10	1R48-H0009	Rigid Guide	VT-3	1	355-103

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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: F-A					
F3.10	1R48-H0010	Rigid Guide	VT-3	2	355-103
F3.10	1R48-H0011	Anchor (VA)	VT-3	1	355-103
F3.10	1R48-H0012	Anchor (VA)	VT-3	1	355-103
F3.10	1R48-H0013	Anchor (VA)	VT-3	2	355-102
F3.10	1R48-H0014	Rigid Guide	VT-3	3	355-102
F3.10	1R48-H0015	Rigid Guide	VT-3	1	355-102

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EXAMINATION CATEGORY: F-A					
F5.10	1R48-PH001	Rigid (Augmented)	VT-3	2	355-108
F5.10	1R48-PH002	Rigid (Augmented)	VT-3	3	355-109
F5.10	1R48-PH003	Rigid (Augmented)	VT-3	1	355-108
F5.10	1R48-PH004	Rigid (Augmented)	VT-3	2	355-109
F5.10	1R48-PH005	Rigid (Augmented)	VT-3	3	355-108
F5.10	1R48-PH006	Rigid (Augmented)	VT-3	1	355-109
F5.10	1R48-PH007	Rigid (Augmented)	VT-3	3	355-108
F5.10	1R48-PH008	Rigid (Augmented)	VT-3	3	355-109
F5.10	1R48-PH009	Rigid (Augmented)	VT-3	2	355-108
F5.10	1R48-PH010	Rigid (Augmented)	VT-3	3	355-109
F5.10	1R48-PH011	Rigid (Augmented)	VT-3	1	355-109
F5.10	1R48-PH012	Rigid (Augmented)	VT-3	2	355-108
F5.10	2G41-H0031	Mechanical Snub. (Augmented)	VT-3	3	655-103
F3.10	2G41-H0032	Variable Spring	VT-3	1	655-103
F3.10	2G41-H0033	Mechanical Snub.	VT-3	2	655-103
F3.10	2G41-H0034	Mechanical Snub.	VT-3	3	655-103
F3.10	2G41-H0035	Rigid Strut	VT-3	2	655-103
F3.10	2G41-H0036	Mechanical Snub.	VT-3	2	655-103
F3.10	2G41-H0037	Rigid Guide	VT-3	3	655-103
F3.10	2G41-H0038	Mechanical Snub.	VT-3	1	655-103
F3.10	2P42-H0009	Rigid Guide (WA)	VT-3	1	623-106
F3.10	2P42-H0010	Rigid Guide (WA)	VT-3	1	623-107
F3.10	2P42-H0011	Rigid Rod	VT-3	2	623-107
F3.10	2P42-H0012	Rigid Guide	VT-3	3	623-106
F3.10	2P42-H0013	Rigid Guide	VT-3	1	623-107
F3.10	2P42-H0014	Rigid Rod	VT-3	2	623-107
F3.10	2P42-H0015	Rigid Rod	VT-3	3	623-107
F3.10	2P42-H0016	Rigid Strut	VT-3	1	623-106
F3.10	2P42-H0017	Rigid Rod	VT-3	2	623-106
F3.10	2P42-H0018	Mechanical Snub. (WA)	VT-3	1	623-106
F3.10	2P42-H0019	Rigid Strut	VT-3	2	623-107
F3.10	2P42-H0020	Rigid Strut (WA)	VT-3	2	623-107
F3.10	2P42-H0021	Rigid Rod	VT-3	3	623-107
F3.10	2P42-H0024	Rigid Guide (WA)	VT-3	2	623-112
F3.10	2P42-H0025	Rigid Guide (WA)	VT-3	2	623-110

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F3.10	2P42-H0026	Rigid Strut (VA)	VT-3	3	623-110
F3.10	2P42-H0030	Rigid Strut	VT-3	1	623-110

EXAMINATION CATEGORY: F-A

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EXAMINATION CATEGORY: F-A					
		Rigid Guide	VT-3	2	623-110
F3.10	2P42-H0034	Rigid Rod	VT-3	3	623-110
F3.10	2P42-H0035	Rigid Rod	VT-3	1	623-110
F3.10	2P42-H0036	Rigid Guide	VT-3	2	623-111
F3.10	2P42-H0037	Anchor (WA)	VT-3	3	623-101
F3.10	2P42-H0039	Rigid Strut	VT-3	1	623-110
F3.10	2P42-H0041	Rigid Strut	VT-3	2	623-110
F3.10	2P42-H0042	Rigid (Augmented)	VT-3	3	623-110
F5.10	2P42-H0043	Anchor (WA)	VT-3	3	623-111
F3.10	2P42-H0044	Rigid Strut	VT-3	1	623-112
F3.10	2P42-H0046	Rigid Strut	VT-3	2	623-112
F3.10	2P42-H0047	Rigid Strut	VT-3	3	623-112
F3.10	2P42-H0048	Rigid Strut	VT-3	3	623-112
F3.10	2P42-H0049	Rigid Strut	VT-3	1	623-112
F3.10	2P42-H0050	Mechanical Snub. (WA)	VT-3	2	623-112
F3.10	2P42-H0051	Rigid Rod	VT-3	3	623-112
F3.10	2P42-H0052	Mechanical Snub.	VT-3	1	623-112
F3.10	2P42-H0053	Rigid Rod	VT-3	2	623-112
F3.10	2P42-H0054	Rigid Guide	VT-3	3	623-112
F3.10	2P42-H0055	Rigid Guide	VT-3	1	623-112
F3.10	2P42-H0056	Rigid Strut	VT-3	2	623-112
F3.10	2P42-H0057	Rigid Guide	VT-3	3	623-112
F3.10	2P42-H0114	Rigid Rod	VT-3	1	623-108
F3.10	2P42-H0115	Rigid Strut	VT-3	2	623-104
F3.10	2P42-H0116	Rigid Rod	VT-3	3	623-111
F3.10	2P42-H0117	Rigid Strut	VT-3	1	623-101
F3.10	2P42-H0118	Rigid Strut	VT-3	2	623-101
F3.10	2P42-H0119	Rigid Guide	VT-3	3	623-108
F3.10	2P42-H0120	Rigid Guide	VT-3	1	623-108
F3.10	2P42-H0121	Rigid Rod	VT-3	2	623-108
F3.10	2P42-H0122	Rigid Rod	VT-3	3	623-104
F3.10	2P42-H0123	Rigid Strut	VT-3	1	623-103
F3.10	2P42-H0124	Rigid Strut	VT-3	2	623-111
F3.10	2P42-H0125	Rigid Strut	VT-3	3	623-111
F3.10	2P42-H0126	Rigid Guide	VT-3	1	623-111
F3.10	2P42-H0127	Rigid Guide	VT-3	2	623-101
F3.10	2P42-H0128	Rigid Strut	VT-3	3	623-102
F3.10	2P42-H0129	Rigid Strut	VT-3	1	623-108

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: F-A					
F3.10	2P42-H0130	Rigid Strut	VT-3	2	623-102
F3.10	2P42-H0131	Rigid Strut	VT-3	3	623-102
F3.10	2P42-H0132	Rigid Guide	VT-3	3	623-103
F3.10	2P42-H0133	Rigid Strut	VT-3	1	623-102
F3.10	2P42-H0134	Rigid Strut	VT-3	2	623-103
F3.10	2P42-H0135	Rigid Strut	VT-3	3	623-103
F3.10	2P42-H0136	Rigid Strut	VT-3	1	623-102
F3.10	2P42-H0137	Rigid Strut	VT-3	2	623-104
F3.10	2P42-H0138	Rigid Strut	VT-3	3	623-108
F3.10	2P42-H0139	Rigid Guide	VT-3	1	623-105
F3.10	2P42-H0140	Rigid Strut	VT-3	2	623-103
F3.10	2P42-H0141	Rigid Strut	VT-3	3	623-103
F3.10	2P42-H0142	Rigid Strut	VT-3	2	623-104
F3.10	2P42-H0143	Rigid Guide (WA)	VT-3	1	623-108
F3.10	2P42-H0144	Rigid Strut	VT-3	2	623-108
F3.10	2P42-H0145	Rigid Guide	VT-3	3	623-108
F3.10	2P42-H0146	Rigid Guide (WA)	VT-3	3	623-108
F3.10	2P42-H0147	Rigid Guide	VT-3	1	623-108
F3.10	2P42-H0148	Rigid Strut (WA)	VT-3	3	623-104
F3.10	2P42-H0149	Rigid Guide	VT-3	2	623-104
F3.10	2P42-H0150	Rigid Strut	VT-3	3	623-104
F3.10	2P42-H0151	Rigid Guide	VT-3	1	623-104
F3.10	2P42-H0152	Rigid Guide	VT-3	2	623-104
F3.10	2P42-H0153	Rigid Strut (WA)	VT-3	3	623-103
F5.10	2P42-H0192	Anchor (Augmented)	VT-3	2	623-104
F3.10	2P42-H0265	Anchor (WA)	VT-3	3	623-104
F3.10	2P42-H0273	Anchor (WA)	VT-3	3	623-108
F3.10	2P42-H0309	Rigid Guide	VT-3	1	623-111
F3.10	2P42-H0310	Rigid Guide	VT-3	2	623-102
F3.10	2P42-H0312	Mechanical Snub.	VT-3	3	623-111
F3.10	2P42-H0314	Rigid Guide	VT-3	1	623-113
F3.10	2P42-H0315	Rigid Strut	VT-3	2	623-109
F3.10	2P42-H0317	Rigid Guide	VT-3	3	623-106
F3.10	2P45-H0021	Rigid Guide	VT-3	1	792-102
F3.10	2P45-H0022	Rigid Guide	VT-3	2	792-102
F3.10	2P45-H0023	Rigid Guide	VT-3	3	792-102

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHGD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: X-B					
XO.1	1B21-0130 @	26" VALVE F028A TO PIPE	UT, PT	1	605-107
XO.1	1B21-0131 @	26" PIPE TO 28" PIPE	UT, PT	2	605-107
XO.1	1C11-0083 @	2 1/2" PIPE TO VALVE F122	PT	1	871-105
XO.1	1C11-0084 @	2 1/2" ELBOW TO PIPE	PT	2	871-105
XO.1	1C11-0085 @	2 1/2" PIPE TO ELBOW	PT	1	871-105
XO.1	1C11-0086 @	2 1/2" ELBOW TO PIPE	PT	2	871-105
XO.1	1C11-0087 @	2 1/2" PIPE TO ELBOW	PT	3	871-105
XO.1	1C11-0088 @	2 1/2" ELBOW TO PIPE	PT	1	87
XO.1	1C11-0089 @	2 1/2" PIPE TO ELBOW	PT	3	871-105
XO.1	1C11-0090 @	2 1/2" VALVE F083 TO PIPE	PT	3	871-105
XO.1	1C11-0091	2 1/2" PIPE TO VALVE F083	PT	3	871-105
XO.1	1C11-0092	2 1/2" PIPE TO ELBOW	PT	2	871-105
XO.1	1C11-0093	2 1/2" PIPE TO PIPE	PT	2	871-105
XO.1	1E12-0333 @	12" VALVE F053A TO PIPE	UT, PT	2**	642-119
XO.1	1E12-0334 @	12" PIPE TO ELBOW	UT, PT	2**	642-119
XO.1	1E12-0335 @	12" ELBOW TO PIPE	UT, PT	2**	642-119
XO.1	1E12-0336 @	12" PIPE TO VALVE F050A	UT, PT	3**	642-120
XO.1	1E12-0337 @	12" VALVE F050A TO PIPE	UT, PT	1**	642-120
XO.1	1E12-0338 @	12" PIPE TO 12" X 14" REDUCING SLEEVE	UT, PT	1**	642-120

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		EXAMINATION CATEGORY: X-B			
X0.1	1E12-0339 @	12" PIPE TO 12" X 6" SWEEPNET RUCU INTERTIE	UT, PT	1**	642-120
X0.1	1E12-0580 @	12" VALVE F053B TO PIPE	UT, PT	1	642-132
X0.1	1E12-0581 @	12" PIPE TO ELBOW	UT, PT	2	642-132

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ITEM NO.	MARK NO.	COMPONENT DESCRIPTION	EXAM METHOD	PERIOD SCHED.	ISI ISO SS-305-
EXAMINATION CATEGORY: X-B					
XO.1	1N27-0011A @	20" X 20" X 14" TEE TO 12" X 14" REDUCER	UT, PT	3	082-101
XO.1	1N27-0012 @	20" TEE TO PIPE	UT, PT	3	082-101
XO.1	1N27-0013 @	20" PIPE TO VALVE F065A	UT, PT	2	082-101
XO.1	1N27-0014 @	20" VALVE F065A TO PIPE	UT, PT	2	082-101
XO.1	1N27-0021 @	20" PIPE TO VALVE F559B	UT, PT	3	082-105
XO.1	1N27-0022 @	20" VALVE F559B TO PIPE	UT, PT	1*	082-105
XO.1	1N27-0023 @	20" PIPE TO VALVE F032B	UT, PT	2*	082-104
XO.1	1N27-0024 @	20" VALVE F032B TO PIPE	UT, PT	2	082-104
XO.1	1N27-0025 @	20" PIPE TO PIPE	UT, PT	2	082-104
XO.1	1N27-0025 @	20" PIPE TO TEE	UT, PT	3**	082-104
XO.1	1N27-0025A @	20" X 20" X 24" TEE TO 12" X 14" REDUCER	UT, PT	3	082-104
XO.1	1N27-0026 @	20" X 12" TEE TO PIPE	UT, PT	3	082-104
XO.1	1N27-0027 @	20" PIPE TO VALVE F065B	UT, PT	3	082-104
XO.1	1N27-0028 @	20" VALVE F065B TO PIPE	UT, PT	2	082-104
XO.1	1N27-0071 @	1 1/2" VALVE F740 TO PIPE	PT	1	971-102
XO.1	1N27-0072 @	1 1/2" PIPE TO ELBOW	PT	3	971-102
XO.1	1N27-0073 @	1 1/2" ELBOW TO PIPE	PT	3	971-102
XO.1	1N27-0074 @	1 1/2" PIPE TO ELBOW	PT	2	971-102
XO.1	1N27-0075 @	1 1/2" ELBOW TO PIPE	PT	2	971-102

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EXAMINATION CATEGORY: X-C					
XO.6	1B13-N4A-INT	FEEDWATER NOZZLE INTERIOR SURFACES. NUREG-0619	PT	2,3	006-108
XO.6	1B13-N4B-INT	FEEDWATER NOZZLE INTERIOR SURFACES. NUREG-0619	PT	2,3	006-108
XO.6	1B13-N4C-INT	FEEDWATER NOZZLE INTERIOR SURFACES. NUREG-0619	PT	1,2,3	006-108
XO.6	1B13-N4D-INT	FEEDWATER NOZZLE INTERIOR SURFACES. NUREG-0619	PT	2,3	006-108
XO.6	1B13-N4E-INT	FEEDWATER NOZZLE INTERIOR SURFACES. NUREG-0619	PT	2,3	006-108
XO.6	1B13-N4F-INT	FEEDWATER NOZZLE INTERIOR SURFACES. NUREG-0619	PT	1,2,3	006-108
EXAMINATION CATEGORY: X-D					
XO.7	1B33-C001A-PS	RECIRCULATION PUMP C001A, PUMP SHAFT CRACKING EXAM	UT	3	602-102
XO.7	1B33-C001B-PS	RECIRCULATION PUMP C001B, PUMP SHAFT CRACKING EXAM	UT	3	602-104
EXAMINATION CATEGORY: X-E					
XO.1	1B21-P122-WA @	PEN. P122 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	UT	2	605-109
XO.1	1B21-P124-WA @	PEN. P124 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	UT	3	605-107
XO.1	1B21-P415-WA @	PEN. P415 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	UT	1	605-110
XO.1	1B21-P416-WA @	PEN. P416 FLUED HEAD FITTING TO PROCESS PIPE ATTACHMENT WELD	UT	2	605-108
XO.1	1C11-P204-WA1 @	PEN. P204 OUTSIDE ANCHOR PLATE TO PROCESS PIPE ATTACHMENT WELD	UT	2	871-105
XO.1	1C11-P204-WA2 @	PEN. P204 INSIDE ANCHOR PLATE TO PROCESS PIPE ATTACHMENT WELD	UT	2	871-105

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ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
	1E12H0068	1E12-H0068 (TANDEM)	214211
F5.10	1E12H0073	1E12-H0073 (TANDEM)	215211
F1.10	1E12H0074	1E12-H0074	226221
F2.10	1E12H0104	1E12-H0104	215211
F2.10	1E12H0105	1E12-H0105	215211
F2.10	1E12H0106	1E12-H0106	216211
F2.10	1E12H0108	1E12-H0108	216211
F2.10	1E12H0109	1E12-H0109	214211
F2.10	1E12H0110	1E12-H0110	213211
F2.10	1E12H0115	1E12-H0115	216211
F2.10	1E12H0116	1E12-H0116 (TANDEM)	216211
F2.10	1E12H0122	1E12-H0122 (TANDEM)	216211
F2.10	1E12H0124	1E12-H0124	216211
F2.10	1E12H0143	1E12-H0143	213211
F2.10	1E12H0148	1E12-H0148	213211
F2.10	1E12H0149	1E12-H0149	213211
F2.10	1E12H0162	1E12-H0162	212211
F2.10	1E12H0164	1E12-H0164	214211
F2.10	1E12H0165	1E12-H0165	215211
F2.10	1E12H0169	1E12-H0169 (TANDEM)	215211
F2.10	1E12H0170	1E12-H0170	216211
F2.10	1E12H0171	1E12-H0171	216211
F2.10	1E12H0172	1E12-H0172	215211
F2.10	1E12H0180	1E12-H0180	213211
F2.10	1E12H0185	1E12-H0185	214211
F2.10	1E12H0190	1E12-H0190	213221
F2.10	1E12H0192	1E12-H0192	214221
F2.10	1E12H0195	1E12-H0195	214211
F2.10	1E12H0197	1E12-H0197	214211
F2.10	1E12H0199	1E12-H0199	213211
	1E12H0205	1E12-H0205	214211
F2.10	1E12H0211	1E12-H0211	215221
F2.10	1E12H0212	1E12-H0212	215211
F2.10	1E12H0213	1E12-H0213	215211
F2.10	1E12H0233	1E12-H0233	215211
F2.10	1E12H0234	1E12-H0234	215211
F2.10	1E12H0255	1E12-H0255	215211
F2.10	1E12H0256	1E12-H0256	215211
F2.10	1E12H0257	1E12-H0257	215211
F2.10	1E12H0263	1E12-H0263 (TANDEM)	215211
F2.10	1E12H0264	1E12-H0264	215211
F1.10	1E12H0267	1E12-H0267	123221
F1.10	1E12H0268	1E12-H0268	123221
F1.10	1E12H0269	1E12-H0269	123221
F1.10	1E12H0270	1E12-H0270	122221
F1.10	1E12H0271	1E12-H0271	226221
F1.10	1E12H0272	1E12-H0272	226221
F2.10	1E12H0280	1E12-H0280	225221

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ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
F2.10	1E12H0388	1E12-H0388	215211
F2.10	1E12H0389	1E12-H0389	215211
F2.10	1E12H0391	1E12-H0391	215211
F2.10	1E12H0392	1E12-H0392	215211
F2.10	1E12H0393	1E12-H0393	215211
F2.10	1E12H0394	1E12-H0394	215211
F2.10	1E12H0407	1E12-H0407	214211
F2.10	1E12H0408	1E12-H0408	214211
F2.10	1E12H0410	1E12-H0410	216211
F2.10	1E12H0414	1E12-H0414	213211
F1.10	1E12H0416	1E12-H0416	215221
F1.10	1E12H0418	1E12-H0418	215221
F1.10	1E12H0419	1E12-H0419	214221
F2.10	1E12H0421	1E12-H0421	213211
F2.10	1E12H0422	1E12-H0422	214211
F2.10	1E12H0423	1E12-H0423	214211
F2.10	1E12H0424	1E12-H0424	215211
F2.10	1E12H0425	1E12-H0425	215211
F2.10	1E12H0427	1E12-H0427	215211
F2.10	1E12H0428	1E12-H0428	215211
F5.10	1E12H0429	1E12-H0429	215211
F2.10	1E12H0430	1E12-H0430	215211
F5.10	1E12H0431	1E12-H0431	215211
F2.10	1E12H0432	1E12-H0432	216211
F2.10	1E12H0435	1E12-H0435	214221
F2.10	1E12H0437	1E12-H0437	214221
F2.10	1E12H0439	1E12-H0439	214221
F5.10	1E12H0440	1E12-H0440	214221
F5.10	1E12H0441	1E12-H0441	214221
F2.10	1E12H0443	1E12-H0443	215221
F2.10	1E12H0447	1E12-H0447 (TANDEM)	214221
F2.10	1E12H0449	1E12-H0449	215211
F2.10	1E12H0455	1E12-H0455	215221
F2.10	1E12H0457	1E12-H0457	213221
F2.10	1E12H0459	1E12-H0459	214221
F2.10	1E12H0460	1E12-H0460 (TANDEM)	214221
F2.10	1E12H0462	1E12-H0462	214221
F2.10	1E12H0466	1E12-H0466 (TANDEM)	214221
F5.10	1E12H0467	1E12-H0467 (TANDEM)	214221
F2.10	1E12H0470	1E12-H0470	215221
F2.10	1E12H0484	1E12-H0484	215211
F2.10	1E12H0485	1E12-H0485	215211
F2.10	1E12H0486	1E12-H0486	215211
F2.10	1E12H0488	1E12-H0488	214211
F2.10	1E12H0490	1E12-H0490	111211
F2.10	1E12H0491	1E12-H0491	111211
F2.10	1E12H0492	1E12-H0492	211211
F2.10	1E12H0496	1E12-H0496	215211

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ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
	1E12H0585	1E12-H0585	214211
	1E12H0586	1E12-H0586	214211
	1E12H0587	1E12-H0587	214211
	1E12H0588	1E12-H0588 (TANDEM)	214211
	1E12H0590	1E12-H0590	214211
	1E12H0591	1E12-H0591	214211
	1E12H0595	1E12-H0595	215211
	1E12H0597	1E12-H0597 (TANDEM)	213211
	1E12H0599	1E12-H0599	214211
	1E12H0601	1E12-H0601	214211
	1E12H0602	1E12-H0602	214211
	1E12H0603	1E12-H0603	214211
	1E12H0604	1E12-H0604	213211
	1E12H0605	1E12-H0605	215211
	1E12H0606	1E12-H0606	214211
F2.10	1E12H0616	1E12-H0616	215211
F2.10	1E12H0617	1E12-H0617	215211
F2.10	1E12H0618	1E12-H0618	215211
F5.10	1E12H0623	1E12-H0623	215211
F1.10	1E12H0652	1E12-H0652	216211
F1.10	1E12H0653	1E12-H0653	215211
F2.10	1E12H0657	1E12-H0657	215211
F2.10	1E12H0658	1E12-H0658	214211
F5.10	1E12H0659	1E12-H0659	216211
F1.10	1E12H0660	1E12-H0660 (TANDEM)	216211
F2.10	1E12H0666	1E12-H0666	214211
	1E12H0668	1E12-H0668	214211
F1.10	1E12H0671	1E12-H0671 (TANDEM)	226221
F2.10	1E12H0679	1E12-H0679	212211
F2.10	1E12H0680	1E12-H0680	212211
F2.10	1E12H0681	1E12-H0681	214211
F2.10	1E12H0682	1E12-H0682	214211
F2.10	1E12H0694	1E12-H0694	215211
F3.10	1E12H0698	1E12-H0698	215211
F3.10	1E12H0699	1E12-H0699	216211
F5.10	1E12H0700	1E12-H0700	216211
F2.10	1E12H0710	1E12-H0710	215211
F2.10	1E12H0712	1E12-H0712	214211
F1.10	1E12H0726	1E12-H0726	227221
F2.10	1E12H0729	1E12-H0729	226211
F2.10	1E12H0730	1E12-H0730	216211
F2.10	1E12H0731	1E12-H0731	226211
F2.10	1E12H0734	1E12-H0734	216211
F1.10	1E12H0736	1E12-H0736	216221
F2.10	1E12H0737	1E12-H0737	215211
F2.10	1E12H0738	1E12-H0738	215211
F1.10	1E12H0741	1E12-H0741 (TANDEM)	225221

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F5.10	1E32H0174	1E32-H0174	221221
	1E32H0180	1E32-H0180	221221
	1E32H0184	1E32-H0184	221211
	1E32H0185	1E32-H0185	221211
	1E32H0187	1E32-H0187	221211
	1E32H0189	1E32-H0189	221211
	1E32H0190	1E32-H0190	221211
	1E32H0191	1E32-H0191	221211
	1E32H0193	1E32-H0193	222221
	1E32H0195	1E32-H0195 (TANDEM)	221221
	1E32H0197	1E32-H0197	222221
	1E32H0199	1E32-H0199	222221
	1E32H0201	1E32-H0201	221221
	1E32H0203	1E32-H0203	221221
	1E32H0205	1E32-H0205	222221
	1E32H0207	1E32-H0207	221221
	1E32H0209	1E32-H0209	222221
	1E32H0211	1E32-H0211	221221
	1E32H0215	1E32-H0215	221221
	1E32H0225	1E32-H0225	221211
	1E32H0226	1E32-H0226	221211
	1E32H0227	1E32-H0227	221221
	1E32H0230	1E32-H0230	221211
	1E32H0231	1E32-H0231	221211
	1E32H0234	1E32-H0234	221211
	1E32H0236	1E32-H0236	221211
	1E32H0237	1E32-H0237	221211
	1E32H0238	1E32-H0238	221211
	1E32H0241	1E32-H0241	221211
	1E32H0243	1E32-H0243	221211
	1E32H0244	1E32-H0244	221211
	1E32H0246	1E32-H0246	221211
	1E32H0247	1E32-H0247	221211
	1E32H0248	1E32-H0248	221211
	1E32H0250	1E32-H0250	221211
	1E32H0251	1E32-H0251	221211
	1E32H0258	1E32-H0258	222221
F5.10	1E32H0260	1E32-H0260	222221
	1E32H0261	1E32-H0261	221211
	1E32H0262	1E32-H0262	223221
	1E32H0263	1E32-H0263	221211
	1E32H0268	1E32-H0268	212221
	1E32H2002	1E32-H2002	211221
	1E32H2006	1E32-H2006	211221
	1E32H5003	1E32-H5003	213221
	1E51H0002	1E51-H0002	214221
F5.10	1E51H0004	1E51-H0004	214211
F2.10	1E51H0008	1E51-H0008	213221

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F5.10	1E51H0012	1E51-H0012	213211
F5.10	1E51H0019	1E51-H0019	214211
F2.10	1E51H0029	1E51-H0029	215221
F5.10	1E51H0036	1E51-H0036	215221
F5.10	1E51H0053	1E51-H0053	213221
F5.10	1E51H0054	1E51-H0054	213221
F2.10	1E51H0056	1E51-H0056	211221
F2.10	1E51H0057	1E51-H0057	213211
	1E51H0062	1E51-H0062 (TANDEM)	213211
F1.10	1E51H0072	1E51-H0072	224221
F1.10	1E51H0073	1E51-H0073	224221
F1.10	1E51H0074	1E51-H0074	224221
	1E51H0105	1E51-H0105	211221
	1E51H0106	1E51-H0106	212221
F1.10	1E51H0107	1E51-H0107	225221
F1.10	1E51H0108	1E51-H0108	225221
F1.10	1E51H0110	1E51-H0110	225221
F1.10	1E51H0111	1E51-H0111	225221
F1.10	1E51H0113	1E51-H0113	225221
F1.10	1E51H0114	1E51-H0114	225221
	1E51H0122	1E51-H0122	214221
	1E51H0132	1E51-H0132	214221
	1E51H0134	1E51-H0134	211221
	1E51H0135	1E51-H0135	213221
F5.10	1E51H0140	1E51-H0140	214211
F2.10	1E51H0156	1E51-H0156	213221
	1E51H0168	1E51-H0168 (TANDEM)	213221
	1E51H1018	1E51-H1018	212211
	1E51H1020	1E51-H1020	213211
	1E51H1031	1E51-H1031	212211
	1E51H2015	1E51-H2015	222221
	1E51H2028	1E51-H2028	211221
	1E51H2032	1E51-H2032 (TANDEM)	221221
	1E51H2069	1E51-H2069	222221
	1E51H2074	1E51-H2074	211221
	1E51H2076	1E51-H2076	222221
	1E51H2078	1E51-H2078	221221
	1E51H5000	1E51-H5000	211221
	1E61H0045	1E61-H0045	214211
	1E61H0047	1E61-H0047	215211
	1E61H0058	1E61-H0058	213211
	1E61H1005	1E61-H1005	211211
	1E61H1011	1E61-H1011	211211
	1E61H1015	1E61-H1015 (TANDEM)	221211
	1F42H0002	1F42-H0002	114211
	1F42H0003	1F42-H0003	114211
	1G33H0001	1G33-H0001	225121
	1G33H0002	1G33-H0002	223121

ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
F1.10	1G33H0212	1G33-H0212	224121
F1.10	1G33H0213	1G33-H0213	224122
F2.10	1G33H0215	1G33-H0215	224121
F2.10	1G33H0216	1G33-H0216	224121
F2.10	1G33H0217	1G33-H0217	225121
F2.10	1G33H0218	1G33-H0218	225121
F2.10	1G33H0219	1G33-H0219	225121
F2.10	1G33H0220	1G33-H0220	225121
F2.10	1G33H0221	1G33-H0221	225121
F2.10	1G33H0222	1G33-H0222	225121
F2.10	1G33H0223	1G33-H0223	225121
F2.10	1G33H0224	1G33-H0224 (TANDEM)	225121
	1G33H0228	1G33-H0228 (TANDEM)	223121
	1G33H0234	1G33-H0234	223121
	1G33H0236	1G33-H0236	214121
	1G33H0237	1G33-H0237	214121
F2.10	1G33H0239	1G33-H0239	224121
F2.10	1G33H0240	1G33-H0240	224121
	1G33H0250	1G33-H0250	224121
	1G33H0257	1G33-H0257	224121
	1G33H0268	1G33-H0268 (TANDEM)	224121
F2.10	1G33H0269	1G33-H0269	223121
	1G33H0272	1G33-H0272	213121
F1.10	1G33H0274	1G33-H0274	224121
F1.10	1G33H0276	1G33-H0276	222122
F1.10	1G33H0277	1G33-H0277	222121
F1.10	1G33H0279	1G33-H0279	222122
F1.10	1G33H0280	1G33-H0280	222121
F1.10	1G33H0281	1G33-H0281	223122
F1.10	1G33H0282	1G33-H0282	224121
F1.10	1G33H5001	1G33-H5001	223122
F3.10	1G41H0012	1G41-H0012 (TANDEM)	212211
F3.10	1G41H0025	1G41-H0025	213211
F3.10	1G41H0037	1G41-H0037 (TANDEM)	214211
F3.10	1G41H0048	1G41-H0048	216211
F3.10	1G41H0050	1G41-H0050	214211
F3.10	1G41H0051	1G41-H0051	214211
F3.10	1G41H0056	1G41-H0056	214211
F3.10	1G41H0059	1G41-H0059	214211
F3.10	1G41H0068	1G41-H0068	214211
F3.10	1G41H0070	1G41-H0070	213211
F3.10	1G41H0119	1G41-H0119	214211
F3.10	1G41H0121	1G41-H0121	216211
	1G41H0138	1G41-H0138	214211
	1G41H0143	1G41-H0143	214211
	1G41H0145	1G41-H0145	215211
	1G41H0149	1G41-H0149	215211
	1G41H0151	1G41-H0151 (TANDEM)	214211

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ITEM NO.	MPL NO.	HANGER - MARK NO.	CATEGORY NO.
F3.10	1G41H0170	1G41-H0170	215211
F3.10	1G41H0171	1G41-H0171	215211
F3.10	1G41H0179	1G41-H0179	214211
F5.10	1G41H0181	1G41-H0181	215211
	1G41H0182	1G41-H0182	215211
F5.10	1G41H0183	1G41-H0183	214211
F5.10	1G41H0185	1G41-H0185	215211
F3.10	1G41H0191	1G41-H0191	214211
F3.10	1G41H0227	1G41-H0227	214211
F3.10	1G41H0228	1G41-H0228 (TANDEM)	214211
F3.10	1G41H0230	1G41-H0230	214211
F3.10	1G41H0232	1G41-H0232	214211
F3.10	1G41H0233	1G41-H0233	214211
F3.10	1G41H0236	1G41-H0236 (TANDEM)	214211
F3.10	1G41H0238	1G41-H0238	215211
F3.10	1G41H0241	1G41-H0241	214211
F3.10	1G41H0242	1G41-H0242 (TANDEM)	216211
F3.10	1G41H0243	1G41-H0243	214211
F3.10	1G41H0301	1G41-H0301	213211
	1G41H0321	1G41-H0321	216211
	1G41H0322	1G41-H0322	216211
	1G41H0330	1G41-H0330	215211
	1G41H0331	1G41-H0331	215211
	1G41H0332	1G41-H0332	216211
	1G41H0333	1G41-H0333	216211
	1G41H0342	1G41-H0342	215211
	1G41H0343	1G41-H0343	215211
	1G41H0344	1G41-H0344	214211
	1G41H0345	1G41-H0345	215211
	1G41H0346	1G41-H0346	215211
	1G41H0348	1G41-H0348	215211
	1G41H0352	1G41-H0352	215211
F3.10	1G41H0363	1G41-H0363	214211
F3.10	1G41H0368	1G41-H0368	216211
F3.10	1G41H0369	1G41-H0369	215211
F3.10	1G41H0388	1G41-H0388	215211
F3.10	1G41H0389	1G41-H0389	215211
	1G41H0397	1G41-H0397	214211
	1G41H0398	1G41-H0398	214211
F3.10	1G41H0450	1G41-H0450 (TANDEM)	214211
	1G41H0466	1G41-H0466	213211
F3.10	1G41H0472	1G41-H0472	214211
	1G41H0474	1G41-H0474	214211
	1G41H0475	1G41-H0475	215211
F3.10	1G41H0478	1G41-H0478	214211
F5.10	1G41H0479	1G41-H0479	214211
F5.10	1G41H0483	1G41-H0483	214211
F3.10	1G41H0493	1G41-H0493	214211

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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). 17

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." 17

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). 17

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: 17

"(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-5212(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

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<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
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		
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-F533	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
-F544A	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	

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<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
1G33-F108	Pen 131 INBD Test Conn First Isolation Valve	D-302-671
1E31-F540B	RVCU Diff Flow LD Low Side Test Connection	D-302-962
1E31-F541B	RVCU Diff Flow LD High Side Test Connection	D-302-962
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-302-961
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
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

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<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
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
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-F535	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

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<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
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, -F504 PT-N086A, PT-N086B	D-302-961
1E31-F505	Instrument Isolation Valves for PT-N086C, -F506 PT-N086D	D-302-961
1E31-F507	Instrument Isolation Valves for PT-N003B, -F508 PT-N087A, PT-N087B	D-302-961
1E31-F509	Instrument Isolation Valves for PT-N087C, -F510 PT-N087D	D-302-961
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, -F512 PT-N088B	D-302-961
1E31-F513	Instrument Isolation Valves for PT-N003C, -F514 PT-N088C, PT-N088D	D-302-961
1E31-F515	Instrument Isolation Valves for PT-N089A, -F516 PT-N089B	D-302-961
1E31-F517	Instrument Isolation Valves for PT-N003D, -F518 PT-N089C, PT-N089D	D-302-961
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

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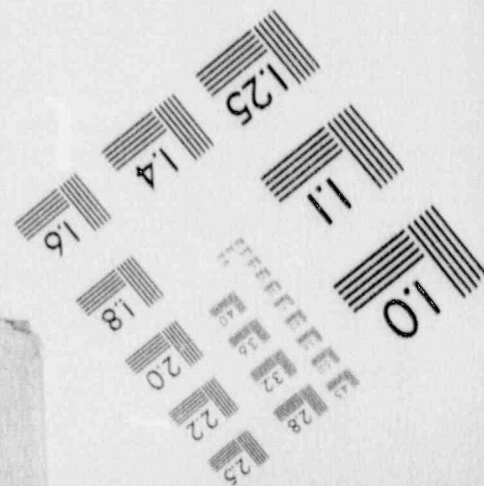
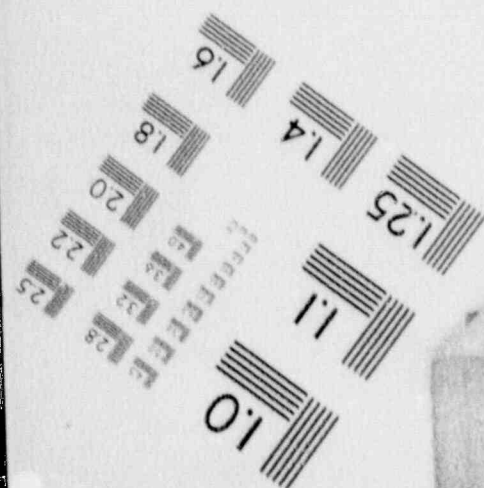
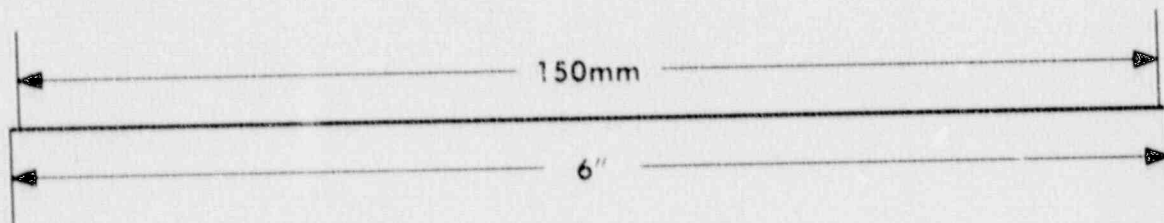
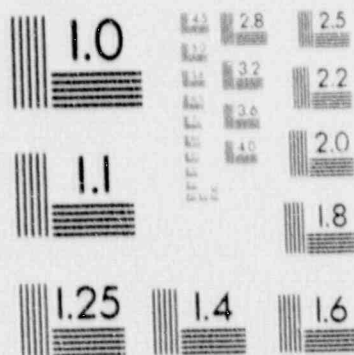
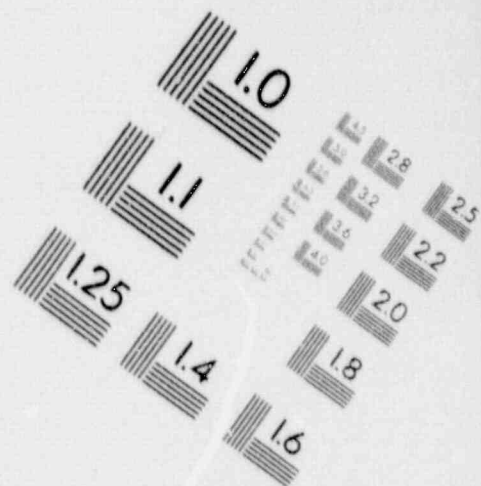
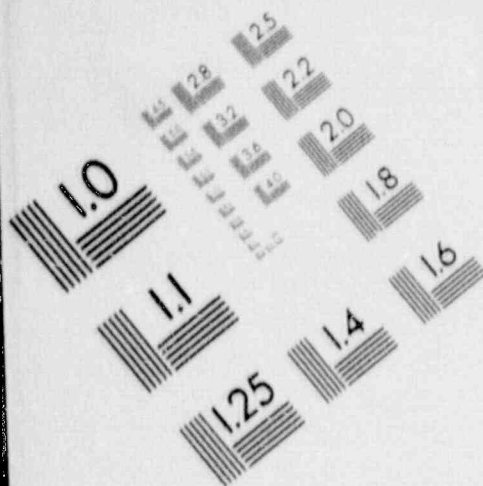
<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
1E31-F580	Main Steam Line C Flow Instrument Test Conn	D-302-961
1E31-F581	Main Steam Line C Flow Instrument Test Conn	D-302-961
1E31-F582	Main Steam Line D Flow Instrument Test Conn	D-302-961
1E31-F583	Main Steam Line D Flow Instrument Test Conn	D-302-961
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, PT-N037, PT-N032, dPI-R005	D-302-606, 604, 671
1B21-F584	Jet Pump Instrument Line Vent	D-302-606

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<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
1B21-F553	Instrument Isolation Valve for LT-N095A, PT-N403A, PI-RO04A, 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-RO09A, 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-RO09A, LT-N402A, LT-N091A, LT-N010	D-302-606
1B21-F531	RPV Level Instrument Line Vent	D-302-606

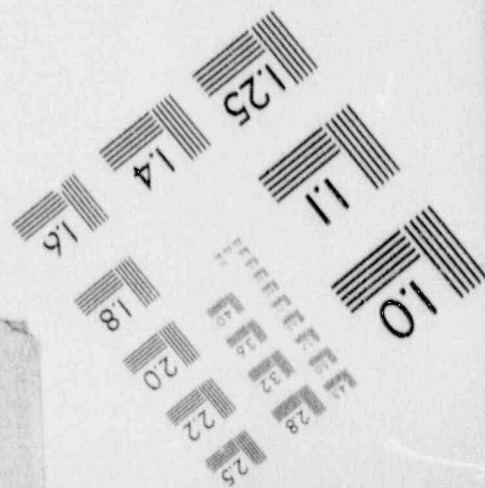
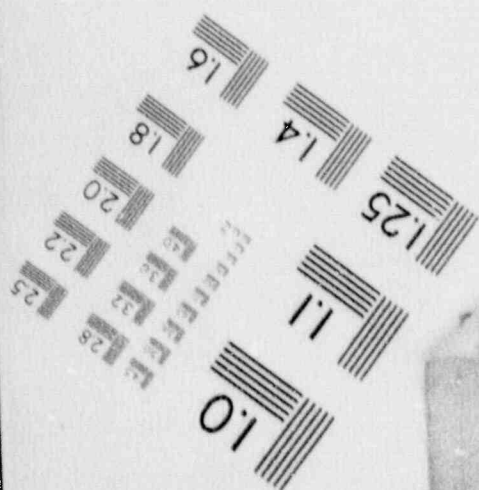
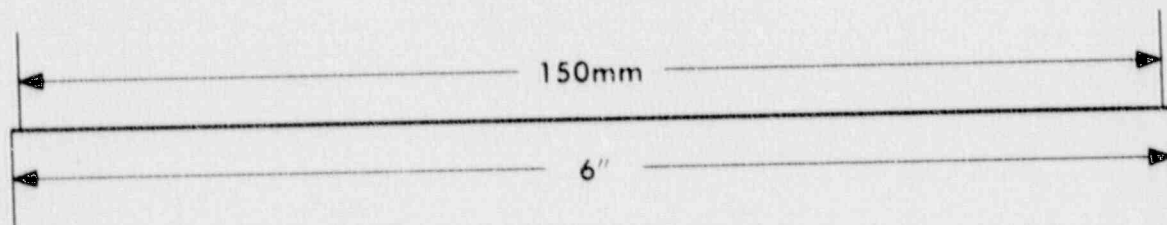
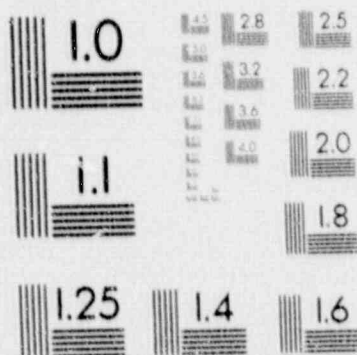
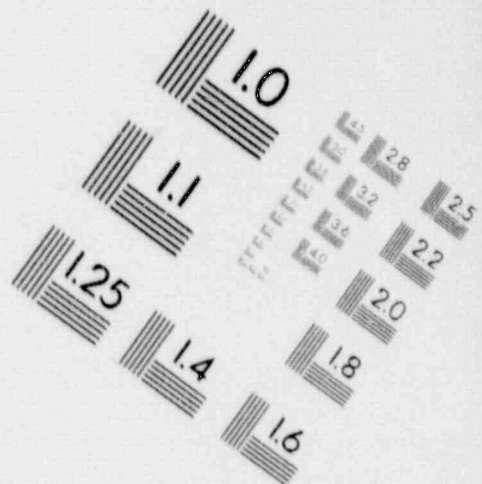
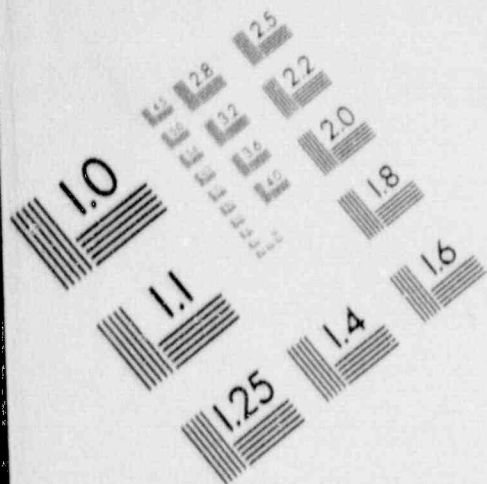
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IMAGE EVALUATION
TEST TARGET (MT-3)



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IMAGE EVALUATION
TEST TARGET (MT-3)



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RELIEF REQUEST #PT-002

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:

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"(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;

(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 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.

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RELIEF REQUEST #PT-002V. 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 -F504A/B	Instrument Isolation Valves for dFT-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
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
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

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<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
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	RVCU Diff Flow LD Low Side Test Connection	D-302-962
1E31-F541B	RVCU Diff Flow LD High Side Test Connection	D-302-962
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

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<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
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-N038E, 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
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 17 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

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<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
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
1E31-F505	Instrument Isolation Valves for PT-N086C, PT-N086D	D-302-961
1E31-F507	Instrument Isolation Valves for PT-N003B, PT-N087A, PT-N087B	D-302-961
1E31-F509	Instrument Isolation Valves for PT-N087C, PT-N087D	D-302-961
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
1E31-F513	Instrument Isolation Valves for PT-N003C, PT-N088C, PT-N088D	D-302-961
-F514		

Ferry Nuclear Power Plant Unit 1
RELIEF REQUEST #PT-002

<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	PPV 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

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

<u>Valve No.</u>	<u>Description</u>	<u>P&ID No.</u>
1B21-F523	Instrument Isolation Valve for Flow Instruments PO09, 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

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

I. Identification of Components

Class 2 and 3 components which undergo routine quantitative pressurization tests in which no detectable leakage would be identified as the minimum equipment accuracy. (i.e., normally inclusive of valves, piping systems and penetrations). A listing of test pressurization boundaries are identified by penetration number. 14

II. ASME B&PV Section XI Requirements

IWA-5211 Test Description, "The pressure retaining components within each system boundary shall be subject to system pressure tests under which conditions visual examination VT-2 is performed in accordance with IWA-5240 to detect leakages. The required system pressure tests and examinations, as referenced in Table IWA-5210-1, may be conducted in conjunction with one or more of the following system tests or operations: "(b) a system functional test, (d) a system hydrostatic test, and (e) a system pneumatic test."

IWA-2500(a) Examination and Pressure Test Requirements, "Components shall be examined and pressure tested as specified in Table IWC-2500-1. The method of examination for the components and parts of the pressure retaining boundaries shall comply with those tabulated in Table IWC-2500-1, except where alternate examination methods are used that meet the requirements of IWA-2240."

IWC-5210(a) Test, "The pressure retaining components within each system boundary shall be subjected to the following system pressure tests and visually examined by the method specified in Table IWC-2500-1, Examination Category C-4: "(1) a system pressure test conducted during a system functional test, and (3) a system hydrostatic pressure test."

IWC-5210(b) Test, "The system pressure tests and visual examinations shall be conducted in accordance with IWA-5000 and this Article. The contained fluid in the system shall serve as the pressurizing medium, except that in steam systems either water or air may be used. Where air is used, the test procedure shall permit the detection and location of through-wall leakages in components of the system tested."

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

IWD-2500(a) Examination and Pressure Test Requirements, "Components shall be examined and pressure tested as specified in Table IWD-2500-1. The method of examination for the components and parts of the pressure retaining boundaries shall comply with those tabulated in Table IWD-2500-1 except where alternate examination methods are used that meet the requirements of IWA-2240."

IWD-5210(a) Test, "The pressure retaining components within the boundary of each system specified in the Examination Categories of Table IWD-2500-1 shall be pressure tested and examined in accordance with Table IWD-2500-1 during the following tests:" "(2) systems functional test, IWA-5211(b); (3) system hydrostatic test, IWA-5211(d)."

III. Relief Requested

Relief is requested from performance of VT-2 Visual Examination in conjunction with a system pressure test where the test pressurization boundary leakage is measured (makeup or pressure decay) and quantified as within the test equipment accuracy (no detectable leakage). The test pressurization boundaries are identified by penetration numbers. The boundary includes components and appurtenances which become pressurized during testing.

IV. Basis For Relief

Numerous Class 2 and 3 components undergo leak testing using the pressure makeup or pressure decay techniques. These tests require the measurement and quantification of the test pressurization boundary leakage. Performance of a VT-2 Examination would require walkdowns and may involve scaffolding erection in radiation areas. Pressure testing using air could additionally require insulation removal (and re-installation) for detecting leakage by VT-2 Visual Examination. The use of an alternative technique of no detectable leakage meets the ALARA policy at PNPP. The majority of pressure tests are to satisfy plant technical specifications for verifying plant component operability and structural integrity. The test equipment used to satisfy technical specifications has an accuracy and range unique to verify major safety concerns. The quantification as no detectable leakage is documented as minimum equipment accuracy (i.e., 20 sccm or 4.8 ml/min). The performance of a VT-2 Visual Examination during testing would not serve a useful purpose if no detectable leakage exists. Non-performance of the VT-2 visual examination would benefit ALARA without impacting on component reliability.

Perry Nuclear Power Plant
RELIEF REQUEST #PT-003V. Alternate Examination

Quantifying leakage rates as no detectable leakage utilizing test instruments (calibrated equipment), rather than a VT-2 walkdown, is used as an alternative technique.

<u>Pen. No.</u>	<u>Designation</u>	<u>P&ID No.</u>
P107	RHR Relief Line to Suppression Pool	D-302-641, 642, 705, 971
P108	Condensate Supply	D-302-102
P109	Containment Leak Test	D-302-811
P111	Condensate Return	D-302-102
P114	Containment Vacuum Relief	D-912-606
P115	RCIC Turbine Exhaust Vacuum Relief	D-302-631, 641, 642, 643
P117	Nitrogen Supply to CRD's	D-302-950
P118	RHR Heat Exchanger Vent	D-302-641, 642
P119	Containment Leak Rate	D-302-811
P120	Containment Leak Rate	D-302-811
P201	Drywell Atmosphere Radiation Monitor Line	D-806-004
P203	Fuel Pool Cooling Supply	D-302-651
P208	Containment Vacuum Relief	D-912-606
P210	Carbon Dioxide To Fire Protection System	D-914-005
P301	Fuel Pool Cooling Return	D-302-651
P302	Backup Hydrogen Purge System	D-302-831
P305	Lower Personnel Airlock	D-302-761
P309	Demineralized Water	D-302-713
P312	Upper Personnel Airlock	D-302-761
P317	Containment Atmosphere Radiation Monitor Line	D-806-007
P317	Containment Leak Rate	D-302-811
P318	Post LOCA Hydrogen Analyzer Line	D-302-431, 832
P319	Containment Leak Rate	D-302-811
P406	Fire Protection Water	D-914-003
P413	Post Accident Sampling	D-302-431
P417	Equipment Drain Sump to Radwaste	D-302-739
P418	Floor Drain Sump to Radwaste	D-302-740
P420	Backwash Tank to Radwaste	D-302-737
P424	RWCU to Main Condenser and Radwaste	D-302-672
P425	Post LOCA Hydrogen Analyzer Line	D-302-832
P428	Containment Vacuum Relief	D-912-606
P429	RHR Relief Line to Suppression Pool	D-302-431, 642, 643
P431	RHR Heat Exchanger Vent	D-302-642, 643
P436	Containment Vacuum Relief	D-912-606
V313	Purge Supply	D-912-604
V314	Purge Exhaust	D-912-604