

6091  
From: "King, Dave" <dking3@entergy.com>  
To: <ehg@nrc.gov>  
Date: 9/24/02 10:14AM  
Subject: FW: RFO23 ISI Scope

I'll try this again

-----Original Message-----

From: King, Dave  
Sent: Monday, September 23, 2002 4:22 PM  
To: 'ehgray@nrc.gov'  
Subject: RFO23 ISI Scope

Harold,

Here is the ISI scope that we spoke of earlier this afternoon. Unfortunately this does not have the scheduled days for performance but with the exception of some Service Water UT examinations and a selected number of support VT's, which we are doing now, we will be very busy during the week of the 7th. Let me know if I can be of further assistance prior to your arrival.

Dave King  
ISI Coordinator/NDE Level III

<<RFO-23 ISI Plan.rtf>>

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ISI Coordinator (D. B. King): \_\_\_\_\_ Date: \_\_\_\_\_

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Supervisor - Code Programs (D. C. Girrolf): \_\_\_\_\_ Date: \_\_\_\_\_

**RFO-23 Total Scope - ISI**

Monday, September 23, 2002

**Component ID:** V14-12A                      **Description:** Valve Body and Bolting                      **System ID:** CS  
**Program:** ISI                                      **Isometric:** ISI-5920-9211                      **Location:** Rx BLDG '280'                      **On-line** Yes  
**ASME Category:** B-G-2                      **ASME Item:** B7.70                      **Nom. Dia.:** 8.00"                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** B-M-2                      **ASSOC ASME ITEM:** B12.50                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** Bolting VT-1 scheduled during RFO-23 as the result of "Outage B" review.

**Component ID:** V14-14A                      **Description:** Valve Body and Bolting                      **System ID:** CS  
**Program:** ISI                                      **Isometric:** ISI-5920-9211                      **Location:** DW 290'                      **On-line** No  
**ASME Category:** B-G-2                      **ASME Item:** B7.70                      **Nom. Dia.:** 8.00"                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** B-M-2                      **ASSOC ASME ITEM:** B12.50                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** Bolting VT-1 scheduled during RFO-23 as the result of "Outage B" review.

**Component ID:** V2-29A                      **Description:** Valve Body and Bolting                      **System ID:** FDW  
**Program:** ISI                                      **Isometric:** ISI-FDW-PART 5                      **Location:** DW 251'                      **On-line** No  
**ASME Category:** B-G-2                      **ASME Item:** B7.70                      **Nom. Dia.:** 16.00"                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** B-M-2                      **ASSOC ASME ITEM:** B12.50                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** Bolting VT-1 scheduled during RFO-23 as the result of "Outage B" review.

**Component ID:** MSD-HD7                      **Description:** Restraint                      **System ID:** MS  
**Program:** ISI                                      **Isometric:** VYI-MSD PART 2B                      **Location:** HPCI 213'                      **On-line** Yes  
**ASME Category:** N/A                      **ASME Item:** N/A                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** NNS  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-3                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** Augmented Seismic Support Program

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Supervisor - Code Programs (D. C. Girroir): \_\_\_\_\_ Date: \_\_\_\_\_

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**Component ID:** 45-N                      **Description:** RPV Nut                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.10                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** RR B-4 allows VT-1 in lieu of surface exam.

**Component ID:** 45-S                      **Description:** RPV Stud                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.20                      **Nom. Dia.:** 5.06"                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** B-G-1                      **ASSOC ASME ITEM:** B6.30                      **Cal Block 1:** RPB-2                      **Exam 1:** UT                      **Exam 2:** MT  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Detail Drawing 5920-484. UT only during RFO-23.

**Component ID:** 45-W/B                      **Description:** RPV Washer/Bushing                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.50                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Bushing visual not required when stud is in-place.

**Component ID:** 46-N                      **Description:** RPV Nut                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.10                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** RR B-4 allows VT-1 in lieu of surface exam.

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Supervisor - Code Programs (D. C. Girroir): \_\_\_\_\_ Date: \_\_\_\_\_

**RFO-23 Total Scope - ISI**

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**Component ID:** 47-W/B                      **Description:** RPV Washer/Bushing                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.50                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** Bushing visual not required when stud is in-place.

**Component ID:** 48-N                      **Description:** RPV Nut                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.10                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** RRB-4 allows VT-1 in lieu of surface exam.

**Component ID:** 48-S                      **Description:** RPV Stud                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.20                      **Nom. Dia.:** 5.06"                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** B-G-1                      **ASSOC ASME ITEM:** B6.30                      **Cal Block 1:** RPB-2                      **Exam 1:** UT                      **Exam 2:** MT  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** Detail Drawing 5920-484. UT only during RFO-23.

**Component ID:** 48-W/B                      **Description:** RPV Washer/Bushing                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.50                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** Bushing visual not required when stud is in-place.

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Supervisor - Code Programs (D. C. Girrolf): \_\_\_\_\_ Date: \_\_\_\_\_

**RFO-23 Total Scope - ISI**

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**Component ID:** 50-S                      **Description:** RPV Stud                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.20                      **Nom. Dia.:** 5.06"                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** B-G-1                      **ASSOC ASME ITEM:** B6.30                      **Cal Block 1:** RPB-2                      **Exam 1:** UT                      **Exam 2:** MT  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Detail Drawing 5920-484. UT only during RFO-23.

**Component ID:** 50-W/B                      **Description:** RPV Washer/Bushing                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.50                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Bushing visual not required when stud is in-place.

**Component ID:** 51-N                      **Description:** RPV Nut                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.10                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** RR B-4 allows VT-1 in lieu of surface exam.

**Component ID:** 51-S                      **Description:** RPV Stud                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.20                      **Nom. Dia.:** 5.06"                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** B-G-1                      **ASSOC ASME ITEM:** B6.30                      **Cal Block 1:** RPB-2                      **Exam 1:** UT                      **Exam 2:** MT  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Detail Drawing 5920-484. UT only during RFO-23.

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**Component ID:** 51-W/B                      **Description:** RPV Washer/Bushing                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.50                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Bushing visual not required when stud is in-place.

**Component ID:** 52-N                      **Description:** RPV Nut                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.10                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** RR B-4 allows VT-1 in lieu of surface exam.

**Component ID:** 52-S                      **Description:** RPV Stud                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.20                      **Nom. Dia.:** 5.06"                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** B-G-1                      **ASSOC ASME ITEM:** B6.30                      **Cal Block 1:** RPB-2                      **Exam 1:** UT                      **Exam 2:** MT  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Detail Drawing 5920-484. UT only during RFO-23.

**Component ID:** 52-W/B                      **Description:** RPV Washer/Bushing                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.50                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Bushing visual not required when stud is in-place.



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**RFO-23 Total Scope - ISI**

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**Component ID:** 55-W/B                      **Description:** RPV Washer/Bushing                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B8.50                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** Bushing visual not required when stud is in-place.

**Component ID:** 56-N                      **Description:** RPV Nut                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B8.10                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** RR B-4 allows VT-1 in lieu of surface exam.

**Component ID:** 56-S                      **Description:** RPV Stud                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B8.20                      **Nom. Dia.:** 5.06"                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** B-G-1                      **ASSOC ASME ITEM:** B8.30                      **Cal Block 1:** RPB-2                      **Exam 1:** UT                      **Exam 2:** MT  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** Detail Drawing 5920-484. UT only during RFO-23.

**Component ID:** 56-W/B                      **Description:** RPV Washer/Bushing                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B8.50                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** Bushing visual not required when stud is in-place.

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**Component ID:** 59-W/B                      **Description:** RPV Washer/Bushing                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.50                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Bushing visual not required when stud is in-place.

**Component ID:** 60-N                      **Description:** RPV Nut                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.10                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** RR B-4 allows VT-1 in lieu of surface exam.

**Component ID:** 60-S                      **Description:** RPV Stud                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.20                      **Nom. Dia.:** 5.06"                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** B-G-1                      **ASSOC ASME ITEM:** B6.30                      **Cal Block 1:** RPB-2                      **Exam 1:** UT                      **Exam 2:** MT  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Detail Drawing 5920-484. UT only during RFO-23.

**Component ID:** 60-W/B                      **Description:** RPV Washer/Bushing                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.50                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Bushing visual not required when stud is in-place.

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**RFO-23 Total Scope - ISI**

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**Component ID:** 63-W/B                      **Description:** RPV Washer/Bushing                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.50                      **Norm. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Bushing visual not required when stud is in-place.

**Component ID:** 64-N                      **Description:** RPV Nut                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.10                      **Norm. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** RR B-4 allows VT-1 in lieu of surface exam.

**Component ID:** 64-S                      **Description:** RPV Stud                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.20                      **Norm. Dia.:** 5.06"                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** B-G-1                      **ASSOC ASME ITEM:** B6.30                      **Cal Block 1:** RPB-2                      **Exam 1:** UT                      **Exam 2:** MT  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Detail Drawing 5920-484. UT only during RFO-23.

**Component ID:** 64-W/B                      **Description:** RPV Washer/Bushing                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-G-1                      **ASME Item:** B6.50                      **Norm. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Bushing visual not required when stud is in-place.

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**RFO-23 Total Scope - ISI**

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**Component ID:** N6A-SE                      **Description:** Nozzle to Safe End Weld                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-F                      **ASME Item:** B5.10                      **Nom. Dia.:** 9.0"                      **Thickness:** 1.625"                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** NZL-8-SE                      **Exam 1:** UT                      **Exam 2:** PT  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** Weld is below flush with surrounding base material 360 degrees. RT performed as Code required volumetric exam during Interval 2.

**Component ID:** N6B                      **Description:** Nozzle to Vessel Weld                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-D                      **ASME Item:** B3.90                      **Nom. Dia.:** 16.75"                      **Thickness:** 3.1675"                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** RV-2                      **Exam 1:** UT                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** Detail Drawing 5920-243

**Component ID:** N6B-IR                      **Description:** Nozzle Inner Radius                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-D                      **ASME Item:** B3.100                      **Nom. Dia.:** 6.14"                      **Thickness:** 2.75"                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** RV-2                      **Exam 1:** UTIR                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** Detail Drawing 5920-243

**Component ID:** N6B-SE                      **Description:** Nozzle to Safe End Weld                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** B-F                      **ASME Item:** B5.10                      **Nom. Dia.:** 9.0"                      **Thickness:** 1.625"                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** NZL-8-SE                      **Exam 1:** UT                      **Exam 2:** PT  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** Detail Drawing 5920-243. RT performed as Code required volumetric exam during Interval 2.



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**RFO-23 Total Scope - ISI**

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**Component ID:** V2-53A                      **Description:** Valve Body and Bolting                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-5920-6822 SH 1                      **Location:** DW 238'                      **On-line** No  
**ASME Category:** B-G-2                      **ASME Item:** B7.70                      **Norm. Dia.:** 28.00"                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** B-M-2                      **ASSOC ASME ITEM:** B12.50                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** Bolting VT-1 scheduled during RFO-23 as the result of "Outage 8" review.

**Component ID:** VESSEL CLADDING                      **Description:** Vessel cladding                      **System ID:** NB  
**Program:** ISI                      **Isometric:** ISI-RPV-103                      **Location:** Rx BLDG 345'                      **On-line** No  
**ASME Category:** F-AUG                      **ASME Item:** N/A                      **Norm. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** UT                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** See previous data for UT technique. May require confined space training.

**Component ID:** H-E-8-1A                      **Description:** Component Support, Integral Attachment (RBCCW Heat Exchanger E-8-1A)                      **System ID:** RBCCW  
**Program:** ISI                      **Isometric:** ISI-RCW-PART 4 SH 1                      **Location:** Rx BLDG 303'                      **On-line** Yes  
**ASME Category:** F-A                      **ASME Item:** F1.40                      **Norm. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 3  
**ASSOC ASME CATEGORY:** D-A                      **ASSOC ASME ITEM:** D1.10                      **Cal Block 1:** N/A                      **Exam 1:** VT-3                      **Exam 2:** VT-1  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** Refer to Code Case N-509 for D-A, VT-1 only scheduled during RFO-23

**Component ID:** H-TK-7-1A                      **Description:** Component Support, Integral Attachment (RBCCW Surge Tank T-K-71A)                      **System ID:** RBCCW  
**Program:** ISI                      **Isometric:** ISI-RCW-PART 3 SH 1                      **Location:** Rx BLDG 318'                      **On-line** Yes  
**ASME Category:** D-A                      **ASME Item:** D1.10                      **Norm. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 3  
**ASSOC ASME CATEGORY:** F-A                      **ASSOC ASME ITEM:** F1.40                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7

**Comments:** Refer to Code Case N-509 for D-A Category, VT-1 only scheduled during RFO-23

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**Component ID:** A-HTEX10-1      **Description:** RHR Heat Exchanger Shell to Flange Circumferential Weld      **System ID:** RHR  
**Program:** ISI      **Isometric:** ISI-RPV-104      **Location:** NECR 232'      **On-line** Yes  
**ASME Category:** C-A      **ASME Item:** C1.10      **Nom. Dia.:** 46.00"      **Thickness:** 0.690"      **Safety Class:** 2  
**ASSOC ASME CATEGORY:** N/A      **ASSOC ASME ITEM:** N/A      **Cal Block 1:** VY-66      **Exam 1:** UT      **Exam 2:** N/A  
**Interval:** 3      **Period:** 3      **Outage:** 7  
**Comments:** None

**Component ID:** A-N4      **Description:** Nozzle to Vessel Weld      **System ID:** RHR  
**Program:** ISI      **Isometric:** ISI-RPV-104      **Location:** NECR 232'      **On-line** Yes  
**ASME Category:** C-B      **ASME Item:** C2.31      **Nom. Dia.:** 44.58"      **Thickness:** N/A      **Safety Class:** 2  
**ASSOC ASME CATEGORY:** C-B      **ASSOC ASME ITEM:** C2.33      **Cal Block 1:** N/A      **Exam 1:** MT      **Exam 2:** VT-2  
**Interval:** 3      **Period:** 3      **Outage:** 7  
**Comments:** None

**Component ID:** H-A-RHR-CC-1      **Description:** Component Support, Integral Attachment (RHR Heat Exchanger E-14-1A)      **System ID:** RHR  
**Program:** ISI      **Isometric:** ISI-RPV-104      **Location:** NECR 232'      **On-line** Yes  
**ASME Category:** C-C      **ASME Item:** C3.10      **Nom. Dia.:** 44.58"      **Thickness:** N/A      **Safety Class:** 2  
**ASSOC ASME CATEGORY:** F-A      **ASSOC ASME ITEM:** F1.40      **Cal Block 1:** N/A      **Exam 1:** MT      **Exam 2:** VT-3  
**Interval:** 3      **Period:** 3      **Outage:** 7  
**Comments:** Integral attachment, VT-3 only scheduled during RFO-23

**Component ID:** H-A-RHR-CC-2      **Description:** Component Support, Integral Attachment (RHR Heat Exchanger E-14-1A)      **System ID:** RHR  
**Program:** ISI      **Isometric:** ISI-RPV-104      **Location:** NECR 232'      **On-line** Yes  
**ASME Category:** C-C      **ASME Item:** C3.10      **Nom. Dia.:** 44.58"      **Thickness:** N/A      **Safety Class:** 2  
**ASSOC ASME CATEGORY:** F-A      **ASSOC ASME ITEM:** F1.40      **Cal Block 1:** N/A      **Exam 1:** MT      **Exam 2:** VT-3  
**Interval:** 3      **Period:** 3      **Outage:** 7  
**Comments:** VT-3 only scheduled during RFO-23



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**Component ID:** H-A-RHR-CC-3                      **Description:** Component Support, Integral Attachment (RHR Heat Exchanger E-14-1A)                      **System ID:** RHR  
**Program:** ISI                      **Isometric:** ISI-RPV-104                      **Location:** NECR 232'                      **On-line** Yes  
**ASME Category:** C-C                      **ASME Item:** C3.10                      **Nom. Dia.:** 44.58"                      **Thickness:** N/A                      **Safety Class:** 2  
**ASSOC ASME CATEGORY:** F-A                      **ASSOC ASME ITEM:** F1.40                      **Cal Block 1:** N/A                      **Exam 1:** MT                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Integral attachment, MT and VT-3 scheduled during RFO-23

**Component ID:** H-A-RHR-CC-4                      **Description:** Component Support, Integral Attachment (RHR Heat Exchanger E-14-1A)                      **System ID:** RHR  
**Program:** ISI                      **Isometric:** ISI-RPV-104                      **Location:** NECR 232'                      **On-line** Yes  
**ASME Category:** C-C                      **ASME Item:** C3.10                      **Nom. Dia.:** 44.58"                      **Thickness:** N/A                      **Safety Class:** 2  
**ASSOC ASME CATEGORY:** F-A                      **ASSOC ASME ITEM:** F1.40                      **Cal Block 1:** N/A                      **Exam 1:** MT                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** VT-3 only scheduled during RFO-23

**Component ID:** RH5A-S209                      **Description:** Circumferential Weld, Pipe to Elbow                      **System ID:** RHR  
**Program:** ISI                      **Isometric:** ISI-RHR-PART 11 SH 3                      **Location:** NECR 232'                      **On-line** Yes  
**ASME Category:** C-F-2                      **ASME Item:** C5.51                      **Nom. Dia.:** 16.00"                      **Thickness:** .375"                      **Safety Class:** 2  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** VY-16                      **Exam 1:** UT                      **Exam 2:** MT  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

**Component ID:** RH5B-S220                      **Description:** Circumferential Weld, Pipe to Valve V10-28B                      **System ID:** RHR  
**Program:** ISI                      **Isometric:** ISI-5920-9288                      **Location:** SECR 232'                      **On-line** Yes  
**ASME Category:** C-F-2                      **ASME Item:** C5.51                      **Nom. Dia.:** 16.00"                      **Thickness:** .375"                      **Safety Class:** 2  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** VY-67                      **Exam 1:** UT                      **Exam 2:** MT  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

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**Component ID:** RH6-S231                      **Description:** Circumferential Weld, Valve to Pipe                      **System ID:** RHR  
**Program:** ISI                      **Isometric:** ISI-RHR-PART 11 SH 3                      **Location:** NECR 232'                      **On-line** Yes  
**ASME Category:** C-F-2                      **ASME Item:** C5.51                      **Nom. Dia.:** 20.00"                      **Thickness:** .500"                      **Safety Class:** 2  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** VY-62                      **Exam 1:** UT                      **Exam 2:** MT  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

**Component ID:** RH6-S233                      **Description:** Circumferential Weld, Pipe to Tee                      **System ID:** RHR  
**Program:** ISI                      **Isometric:** ISI-RHR-PART 11 SH 3                      **Location:** NECR 232'                      **On-line** Yes  
**ASME Category:** C-F-2                      **ASME Item:** C5.51                      **Nom. Dia.:** 20.00"                      **Thickness:** .500"                      **Safety Class:** 2  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** VY-62                      **Exam 1:** UT                      **Exam 2:** MT  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

**Component ID:** RH7-S261                      **Description:** Circumferential Weld, Pipe to Tee                      **System ID:** RHR  
**Program:** ISI                      **Isometric:** ISI-5920-9288                      **Location:** SECR 213'                      **On-line** Yes  
**ASME Category:** C-F-2                      **ASME Item:** C5.51                      **Nom. Dia.:** 20.00"                      **Thickness:** .500"                      **Safety Class:** 2  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** VY-62                      **Exam 1:** UT                      **Exam 2:** MT  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

**Component ID:** RHR-H187                      **Description:** Restraint, Integral Attachment                      **System ID:** RHR  
**Program:** ISI                      **Isometric:** ISI-RHR-PART 11 SH 3                      **Location:** NECR 232'                      **On-line** Yes  
**ASME Category:** F-A                      **ASME Item:** F1.20                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 2  
**ASSOC ASME CATEGORY:** C-C                      **ASSOC ASME ITEM:** C3.20                      **Cal Block 1:** N/A                      **Exam 1:** VT-3                      **Exam 2:** PT  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Refer to Code Case N-509 for C-C Category, PT and VT-3 scheduled during RFO-23

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**Component ID:** RHR-HD200B                      **Description:** Restraint                      **System ID:** RHR  
**Program:** ISI                      **Isometric:** ISI-RHR-PART 11 SH 2                      **Location:** NECR 232'                      **On-line:** Yes  
**ASME Category:** F-A                      **ASME Item:** F1.20                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 2  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-3                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

**Component ID:** V10-27A                      **Description:** Valve Body and Bolting                      **System ID:** RHR  
**Program:** ISI                      **Isometric:** ISI-RHR-PART 11 SH 1                      **Location:** Rx BLDG 252'                      **On-line:** Yes  
**ASME Category:** B-G-2                      **ASME Item:** B7.70                      **Nom. Dia.:** 24.00"                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** B-M-2                      **ASSOC ASME ITEM:** B12.50                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Bolting VT-1 scheduled during RFO-23 as the result of "Outage 8" review.

**Component ID:** V10-88                      **Description:** Valve Body and Bolting                      **System ID:** RHR  
**Program:** ISI                      **Isometric:** ISI-5920-6622 SH 1                      **Location:** DW 269'                      **On-line:** No  
**ASME Category:** B-G-2                      **ASME Item:** B7.70                      **Nom. Dia.:** 20.00"                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** B-M-2                      **ASSOC ASME ITEM:** B12.50                      **Cal Block 1:** N/A                      **Exam 1:** VT-1                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Bolting VT-1 scheduled during RFO-23 as the result of "Outage 8" review.

**Component ID:** RSW-H185                      **Description:** Anchor, Integral Attachment                      **System ID:** RHRSW  
**Program:** ISI                      **Isometric:** ISI-SW-PART 1 SH 2                      **Location:** TORUS CTWLK 239'                      **On-line:** Yes  
**ASME Category:** D-A                      **ASME Item:** D1.20                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 3  
**ASSOC ASME CATEGORY:** F-A                      **ASSOC ASME ITEM:** F1.30                      **Cal Block 1:** N/A                      **Exam 1:** VT-3                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

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**Component ID:** RSW-H166                      **Description:** Restraint, Integral Attachment                      **System ID:** RHRSW  
**Program:** ISI                      **Isometric:** ISI-SW-PART 1 SH 2                      **Location:** Rx BLDG 280'                      **On-line** Yes  
**ASME Category:** D-A                      **ASME Item:** D1.20                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 3  
**ASSOC ASME CATEGORY:** F-A                      **ASSOC ASME ITEM:** F1.30                      **Cal Block 1:** N/A                      **Exam 1:** VT-3                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

**Component ID:** RSW-H169                      **Description:** Restraint, Integral Attachment                      **System ID:** RHRSW  
**Program:** ISI                      **Isometric:** ISI-SW-PART 6 SH 2                      **Location:** Rx BLDG 280'                      **On-line** Yes  
**ASME Category:** D-A                      **ASME Item:** D1.20                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 3  
**ASSOC ASME CATEGORY:** F-A                      **ASSOC ASME ITEM:** F1.30                      **Cal Block 1:** N/A                      **Exam 1:** VT-3                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

**Component ID:** RSW-H170                      **Description:** Restraint, Integral Attachment                      **System ID:** RHRSW  
**Program:** ISI                      **Isometric:** ISI-SW-PART 9                      **Location:** Rx BLDG 280'                      **On-line** Yes  
**ASME Category:** D-A                      **ASME Item:** D1.20                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 3  
**ASSOC ASME CATEGORY:** F-A                      **ASSOC ASME ITEM:** F1.30                      **Cal Block 1:** N/A                      **Exam 1:** VT-3                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

**Component ID:** RSW-H177                      **Description:** Restraint, Integral Attachment                      **System ID:** RHRSW  
**Program:** ISI                      **Isometric:** ISI-SW-PART 6 SH 2                      **Location:** Rx BLDG 280'                      **On-line** Yes  
**ASME Category:** D-A                      **ASME Item:** D1.20                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 3  
**ASSOC ASME CATEGORY:** F-A                      **ASSOC ASME ITEM:** F1.30                      **Cal Block 1:** N/A                      **Exam 1:** VT-3                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None



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<b>Component ID:</b> RSW-H179	<b>Description:</b> Restraint, Integral Attachment	<b>System ID:</b> RHRSW
<b>Program:</b> ISI	<b>Isometric:</b> ISI-SW-PART 9 <b>Location:</b> Rx BLDG 280'	<b>On-line</b> No
<b>ASME Category:</b> D-A	<b>ASME Item:</b> D1.20 <b>Nom. Dia.:</b> N/A <b>Thickness:</b> N/A	<b>Safety Class:</b> 3
<b>ASSOC ASME CATEGORY:</b> F-A	<b>ASSOC ASME ITEM:</b> F1.30 <b>Cal Block 1:</b> N/A <b>Exam 1:</b> VT-3	<b>Exam 2:</b> VT-3
<b>Interval:</b> 3 <b>Period:</b> 3	<b>Outage:</b> 7	
<b>Comments:</b> None		
<b>Component ID:</b> RSW-H180	<b>Description:</b> Restraint, Integral Attachment	<b>System ID:</b> RHRSW
<b>Program:</b> ISI	<b>Isometric:</b> ISI-SW-PART 6 SH 2 <b>Location:</b> Rx BLDG 280'	<b>On-line</b> No
<b>ASME Category:</b> D-A	<b>ASME Item:</b> D1.20 <b>Nom. Dia.:</b> N/A <b>Thickness:</b> N/A	<b>Safety Class:</b> 3
<b>ASSOC ASME CATEGORY:</b> F-A	<b>ASSOC ASME ITEM:</b> F1.30 <b>Cal Block 1:</b> N/A <b>Exam 1:</b> VT-3	<b>Exam 2:</b> VT-3
<b>Interval:</b> 3 <b>Period:</b> 3	<b>Outage:</b> 7	
<b>Comments:</b> None		
<b>Component ID:</b> RSW-H216	<b>Description:</b> Restraint, Integral Attachment	<b>System ID:</b> RHRSW
<b>Program:</b> ISI	<b>Isometric:</b> ISI-SW-PART 2 SH 3 <b>Location:</b> NECR 232'	<b>On-line</b> Yes
<b>ASME Category:</b> D-A	<b>ASME Item:</b> D1.20 <b>Nom. Dia.:</b> N/A <b>Thickness:</b> N/A	<b>Safety Class:</b> 3
<b>ASSOC ASME CATEGORY:</b> F-A	<b>ASSOC ASME ITEM:</b> F1.30 <b>Cal Block 1:</b> N/A <b>Exam 1:</b> VT-3	<b>Exam 2:</b> VT-3
<b>Interval:</b> 3 <b>Period:</b> 3	<b>Outage:</b> 7	
<b>Comments:</b> None		
<b>Component ID:</b> RSW-H220	<b>Description:</b> Restraint, Integral Attachment	<b>System ID:</b> RHRSW
<b>Program:</b> ISI	<b>Isometric:</b> ISI-SW-PART 2 SH 4 <b>Location:</b> NECR 232'	<b>On-line</b> Yes
<b>ASME Category:</b> D-A	<b>ASME Item:</b> D1.20 <b>Nom. Dia.:</b> N/A <b>Thickness:</b> N/A	<b>Safety Class:</b> 3
<b>ASSOC ASME CATEGORY:</b> F-A	<b>ASSOC ASME ITEM:</b> F1.30 <b>Cal Block 1:</b> N/A <b>Exam 1:</b> VT-3	<b>Exam 2:</b> VT-3
<b>Interval:</b> 3 <b>Period:</b> 3	<b>Outage:</b> 7	
<b>Comments:</b> None		

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**Component ID:** RSW-H221                      **Description:** Restraint, Integral Attachment                      **System ID:** RHRSW  
**Program:** ISI                      **Isometric:** ISI-SW-PART 2 SH 4                      **Location:** NECR 232'                      **On-line** Yes  
**ASME Category:** D-A                      **ASME Item:** D1.20                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 3  
**ASSOC ASME CATEGORY:** F-A                      **ASSOC ASME ITEM:** F1.30                      **Cal Block 1:** N/A                      **Exam 1:** VT-3                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

**Component ID:** RSW-H226A                      **Description:** Restraint, Integral Attachment                      **System ID:** RHRSW  
**Program:** ISI                      **Isometric:** ISI-SW-PART 3 SH 4                      **Location:** INTAKE 237'                      **On-line** Yes  
**ASME Category:** D-A                      **ASME Item:** D1.20                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 3  
**ASSOC ASME CATEGORY:** F-A                      **ASSOC ASME ITEM:** F1.30                      **Cal Block 1:** N/A                      **Exam 1:** VT-3                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

**Component ID:** RSW-H226B                      **Description:** Restraint, Integral Attachment                      **System ID:** RHRSW  
**Program:** ISI                      **Isometric:** ISI-SW-PART 3 SH 4                      **Location:** INTAKE 237'                      **On-line** Yes  
**ASME Category:** D-A                      **ASME Item:** D1.20                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 3  
**ASSOC ASME CATEGORY:** F-A                      **ASSOC ASME ITEM:** F1.30                      **Cal Block 1:** N/A                      **Exam 1:** VT-3                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

**Component ID:** RSW-H232                      **Description:** Restraint, Integral Attachment                      **System ID:** RHRSW  
**Program:** ISI                      **Isometric:** ISI-SW-PART 10 SH 5                      **Location:** SECR 232'                      **On-line** Yes  
**ASME Category:** D-A                      **ASME Item:** D1.20                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 3  
**ASSOC ASME CATEGORY:** F-A                      **ASSOC ASME ITEM:** F1.30                      **Cal Block 1:** N/A                      **Exam 1:** VT-3                      **Exam 2:** VT-3  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

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**Component ID:** SL11-F11                      **Description:** Circumferential Weld, Elbow to Pipe                      **System ID:** SLC  
**Program:** ISI                      **Isometric:** ISI-SLC-PART 4                      **Location:** Rx BLDG 252'                      **On-line** Yes  
**ASME Category:** B-J                      **ASME Item:** B9.40                      **Nom. Dia.:** 1.50"                      **Thickness:** .200"                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** PT                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

**Component ID:** SL11-F4                      **Description:** Circumferential Weld, Pipe to Tee                      **System ID:** SLC  
**Program:** ISI                      **Isometric:** ISI-SLC-PART 4                      **Location:** Rx BLDG 252'                      **On-line** Yes  
**ASME Category:** B-J                      **ASME Item:** B9.40                      **Nom. Dia.:** 1.50"                      **Thickness:** .200"                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** PT                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

**Component ID:** SL11-F5                      **Description:** Circumferential Weld, Tee to Pipe                      **System ID:** SLC  
**Program:** ISI                      **Isometric:** ISI-SLC-PART 4                      **Location:** Rx BLDG 252'                      **On-line** Yes  
**ASME Category:** B-J                      **ASME Item:** B9.40                      **Nom. Dia.:** 1.50"                      **Thickness:** .200"                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** PT                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

**Component ID:** SL11-F6                      **Description:** Circumferential Weld, Pipe to Elbow                      **System ID:** SLC  
**Program:** ISI                      **Isometric:** ISI-SLC-PART 4                      **Location:** Rx BLDG 252'                      **On-line** Yes  
**ASME Category:** B-J                      **ASME Item:** B9.40                      **Nom. Dia.:** 1.50"                      **Thickness:** .200"                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** PT                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

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**Component ID:** SL11-F7                      **Description:** Circumferential Weld, Elbow to Pipe                      **System ID:** SLC  
**Program:** ISI                      **Isometric:** ISI-SLC-PART 4                      **Location:** Rx BLDG 252'                      **On-line** Yes  
**ASME Category:** B-J                      **ASME Item:** B9.40                      **Nom. Dia.:** 1.50"                      **Thickness:** .200"                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** PT                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

**Component ID:** SLC-H47                      **Description:** Restraint                      **System ID:** SLC  
**Program:** ISI                      **Isometric:** ISI-SLC-PART 4                      **Location:** Rx BLDG 252'                      **On-line** Yes  
**ASME Category:** F-A                      **ASME Item:** F1.10                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 1  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-3                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

**Component ID:** H-P-7-1A                      **Description:** Component Support (SW Pump P-7-1A)                      **System ID:** SW  
**Program:** ISI                      **Isometric:** ISI-SW-PART 3 SH 2                      **Location:** INTAKE 237'                      **On-line** Yes  
**ASME Category:** F-A                      **ASME Item:** F1.40                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 3  
**ASSOC ASME CATEGORY:** N/A                      **ASSOC ASME ITEM:** N/A                      **Cal Block 1:** N/A                      **Exam 1:** VT-3                      **Exam 2:** N/A  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** None

**Component ID:** H-P-8-1A                      **Description:** Component Support, Integral Attachment (SW Pump P-8-1A)                      **System ID:** SW  
**Program:** ISI                      **Isometric:** ISI-SW-PART 2 SH 4                      **Location:** NECR 232'                      **On-line** Yes  
**ASME Category:** F-A                      **ASME Item:** F1.40                      **Nom. Dia.:** N/A                      **Thickness:** N/A                      **Safety Class:** 3  
**ASSOC ASME CATEGORY:** D-A                      **ASSOC ASME ITEM:** D1.30                      **Cal Block 1:** N/A                      **Exam 1:** VT-3                      **Exam 2:** VT-1  
**Interval:** 3                      **Period:** 3                      **Outage:** 7  
**Comments:** Refer to Code Case N-509 for D-A Category, VT-3 and VT-1 scheduled during RFO-23

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<b>Component ID:</b> H-S-3-1A	<b>Description:</b> Component Support, Integral Attachment (SW Strainer S-3-1A)	<b>System ID:</b> SW		
<b>Program:</b> ISI	<b>Isometric:</b> ISI-SW-PART 3 SH 1	<b>Location:</b> INTAKE 237	<b>On-line</b> Yes	
<b>ASME Category:</b> F-A	<b>ASME Item:</b> F1.40	<b>Nom. Dia.:</b> N/A	<b>Thickness:</b> N/A	<b>Safety Class:</b> 3
<b>ASSOC ASME CATEGORY:</b> D-A	<b>ASSOC ASME ITEM:</b> D1.20	<b>Cal Block 1:</b> N/A	<b>Exam 1:</b> VT-3	<b>Exam 2:</b> VT-1
<b>Interval:</b> 3	<b>Period:</b> 3	<b>Outage:</b> 7		

**Comments:** Refer to Code Case N-509 for D-A Category, VT-3 only scheduled during RFO-23

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Supervisor - Code Programs (D. C. Girrol): \_\_\_\_\_ Date: \_\_\_\_\_