

Procedure/MWO WO 99-00320-00 (RX Vessel)	Revision N/A	Inspection Interval <u>2</u> Inspection Period <u>3</u>	Sheet <u>1</u> of <u>1</u>
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EXAMINATION DESCRIPTION

Examination Scope: Relief Request <u>RR-A7</u> System <u>RCS</u> Dwg. No. <u>M-030A</u> File Name: VTRC VESSEL99_320.doc	Test Requirements: Pressure <u>None</u> Temperature <u>None</u> Hold Times Insulated <u>None</u> Uninsulated <u>None</u>	Test Type: Hydrostatic _____ Pneumatic _____ Leakage _____ Inservice _____ Functional _____ Flow _____ Visual Exam <u>X</u> CC N-498-1 _____ CC N-522 _____
Pipe lines/Components/Boundaries Name: Reactor Vessel Bolting		Test Medium None

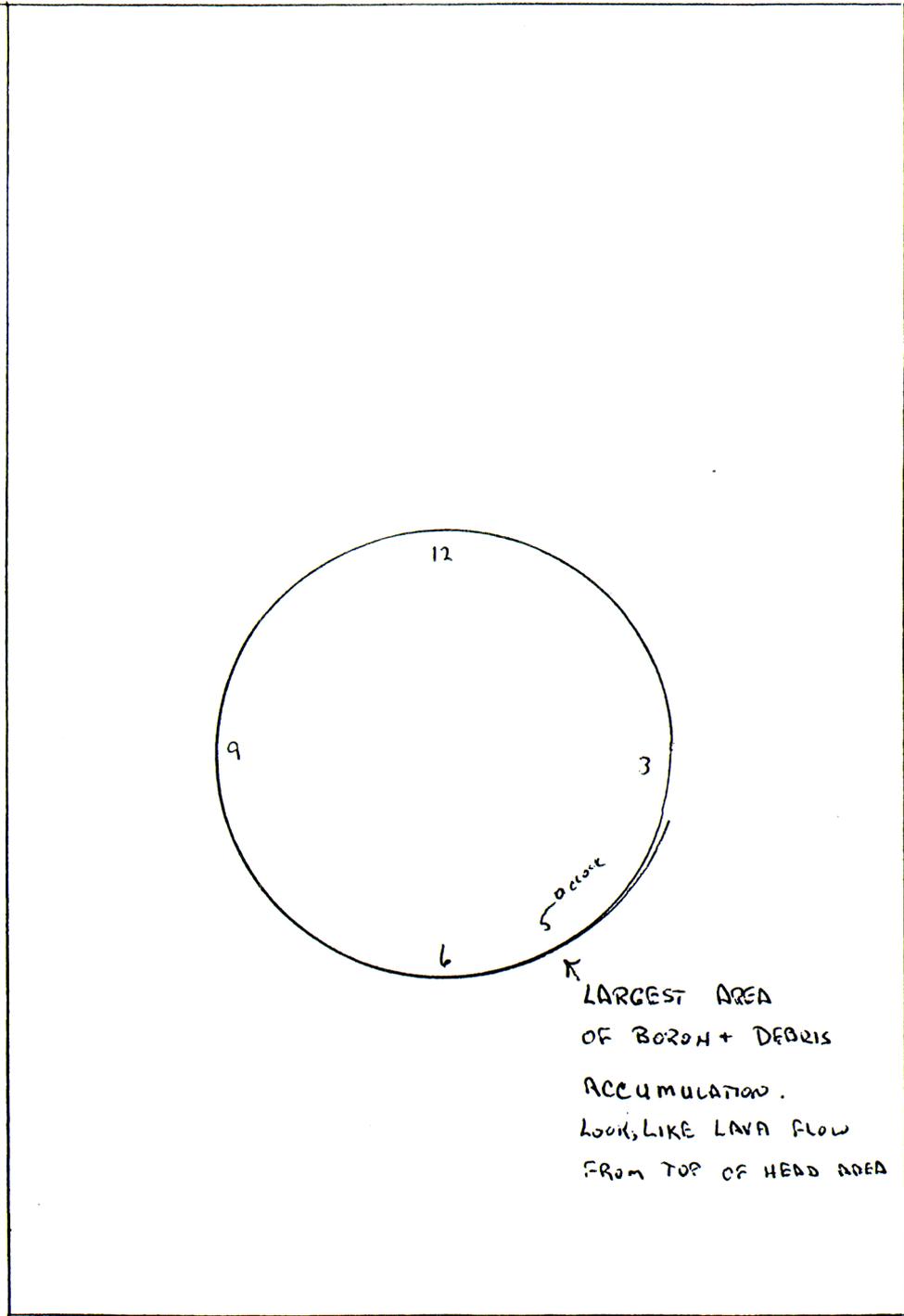
EXAMINATION RECORD

Test Press. <u>N/A</u> Inst. No. <u>N/A</u>	Cal Date <u>N/A</u>	Test Pressure Stable Time None
Test Temp. <u>N/A</u> Inst. No. <u>N/A</u>	Cal Date <u>N/A</u>	
Location/Boundary Examined	Time/Date	Description of Identified Leakage
Reactor Vessel Bolting Note: This visual examination is for evidence of leakage at the bolted connection with insulation removed. Refer to RR-A7.	<u>4-05-00</u> <u>2005</u>	UNABLE TO PERFORM A VALID VT-2 EXAM ON REACTOR VESSEL BOLTING DUE TO THE ACCUMULATION OF DRY BORON + DEBRIS BETWEEN BOLTING + HEAD. SEE ATTACHED DRAWING
Examined by: <u>R. Cooney II</u> <u>4-05-00</u> <small>VT-2 Examiner Level II</small> <small>Date</small>		Corrective Action Notification of System Engineer: Time <u>03:30</u> Date <u>4/6/00</u> Notification of Shift Supervisor: Time <u>03:20</u> Date <u>4/6/00</u> If applicable, then annotate: <input checked="" type="checkbox"/> CR Number: <u>2000-0781</u> <input checked="" type="checkbox"/> MD Tag, Work Order Number: <u>MOT 2 6754</u> <input checked="" type="checkbox"/> VT-2 Corrective Measures Evaluation Report Number: <u>2000-02</u>
Reviewed by: <u>P. L. Sel</u> <u>4/6/00</u> <small>IST Engineer</small> <small>Date</small>		
ANII Review: <u>[Signature]</u> <u>4-6-00</u> <small>Date</small>		
Comments: _____ _____ _____		

99-0320

[Signature]

N ↑



WORK REQUEST

TAG # **Z** 0754

EQUIPMENT #/NAME *Rt Vessel*
Bolting

ORIGINATOR (Print) *SUNDM*
DATE *4/6/00* PHONE# *8377*

DEFICIENCY:
Unable to determine if BA residue is from the CRD structure or from the body/bonnet flange.

Because decommission is required, then remove all studs and perform VI-3 on Rt vessel bolting. Q.C aware. Add to current work generate new.

LOCATION	TAG HUNG <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO - REASON:
	<i>Above</i>
	BUILDING <i>CTMT</i>
ELEVATION <i>578</i>	ROOM #

APPROVED BY _____
WORK REQUEST # _____ S.U.S.# *64-1*

FORWARD TO PLANNING SECTION

WORK REQUEST SUBMITTED

INITIATOR

EVENT DATE April 5 2000	EVENT TIME 20:00	DISCOVERY DATE April 5, 2000	DISCOVERY TIME 20:00	REFERENCE DOCUMENTS/ASSET NUMBER WO 99-00320-00/T-1
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CONDITION DESCRIPTION

This Condition Report identifies a potential non-compliance issue against the ASME code. During a VT-2 pressure test examination of the reactor vessel head, leakage from the CRD structure blocked the visual examination of the reactor vessel head studs. To examine the reactor vessel head bolting, the boric acid residue would need to be removed, however this would invalidate the requirements of the current relief request. The ASME Code would require insulation removal during Mode 3, approved Relief Request A7 allows examination for evidence of leakage during Mode 5 or 6. This was the reason for the examination.

The 1986, ASME Code, Paragraph IWA-5241, requires the owner to examine the exposed surface for evidence of leakage. Paragraph IWA 5250(2) states "if leakage occurs at a bolted connection the bolting shall be removed, VT-3 visually examined for corrosion, and evaluated." **Because leakage from the CRDs caused boric acid residue to cover the inner side of all the reactor head bolts then a VT-2 examination could not be completed. Cleaning of the head vessel studs will remove any evidence of leakage. By default, a VT-3 bolting examination is required.**

This Condition Report will track and resolve this ASME non-conformance issue. MDT Z6754 is written to perform a VT-3 exam on all the reactor vessel head bolting. Until the condition is determined to be irrelevant, (e.g., the bolting is determined to be satisfactory via the VT-3 exam) then this is a Mode 5 to Mode 4 restraint.

CONTINUED

NAME (Print) Peter J. Seniuk	SIGNATURE <i>Peter J. Seniuk</i>	DATE April 6, 2000	ORGANIZATION PETP	TELEPHONE NO. 8377	MAIL LOCATION 1056
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SUPERVISOR

PLANT OPERATIONS REVIEW YES NO

COMMENTS

Polling Rx Head Studs for Retooling, no increase in score.

RECOMMENDED CATEGORY
Routine

CONTINUED

NAME (Print) Robert Bishele	SIGNATURE <i>Robert Bishele</i>	DATE 4/6/00	ORGANIZATION PETP	TELEPHONE NO. 7918	MAIL LOCATION 1056
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PLANT OPERATIONS

REPORTABILITY 1 HR 4 HR 24 HR N/A

OPERABILITY YES NO N/A

IMMEDIATE ACTIONS TAKEN OR NEEDED / COMMENTS

EVALUATE FOR MODE 5 RESTRAINT

PLANT ENGINEERING TO BE NOTIFIED PER BORIC ACID CORROSION CONTROL PROGRAM

CONTINUED

NAME (Print) <i>Wagner</i>	SIGNATURE <i>T. Wagner</i>	DATE 4/6/00	TIME 0300
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