Facility: CR3 CRYSTAL RIVER PLANT NUCLEAR
WR Originator: BATCH
Unit : 3 Project :
W/O Type: PM TSK PRI: 3 W/O Dspln: N
Planner : BAKERG BAKER G A
W/O Title : E, SP0182, RB STRUCT INTEG TENDON SU
W/O Task Title: Q,OM, CONTAINMENT LINER PLATE, PERFORM UT INSPECTION
Task Dspln : Q Due By: 09/01/06

Work Order Package

00681043 09

MASTER

Rpt : TIPMC11
Date: 11/22/07

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Work Order Task Written To

Facility : CR3 Unit : 3 Sys: PMT: N
Equipment : Component:
Work Item : Eqt. List: Review Reqd: N
Equip. Tag: Alt:
Catalog ID: Job Type : PM UCR: D UTC :
Name : CONTAINMENT LINER PLATE
Location : RB
Crew : QIG
Resource Type: PERS Resource Code: QCON Qty: 2 Duration: 2
Cost Centr: 60624D
Percentage: 100.000 Acct No. : 00 20016571 W0403
CPM Proj : Network Reference:

Nuclear Information

RWP Required : N Contain Closure : N Doc Pkg : A Mode:
Contain Integrity: N Q Group : QA Grade:
Train Status : NCR :

Work Order Task Instructions

WORK INSTRUCTIONS:
.
PERFORM PRE JOB BRIEF IAW AI0607.
.
DRAW A SIMPLE GRID OF 4 QUADRANTS AND DETERMINE THE AVERAGE LINER THICKNESS READING PER QUADRANT.
.
PERFORM UT PER NDEP 0427 GUIDELINES.
.
PROVIDE DATA REPORTS TO RICK PORTMANN LISTING DIMENSIONS (LENGTH & WIDTH) ELEVATION AND AZIMUTH FOR EACH UT AREA EXAMINED.
.
DOCUMENT ALL WORK PERFORMED IN COMPLETION COMMENTS OF THIS W.O. TASK.
****
SCAN THE APPROPRIATE SUBTASK
BARCODE TO LOG ONTO THE RWP
LISTED IN THE REQUIRMENTS/PERMITS SECTION

0171

Facility: CR3 CRYSTAL RIVER PLANT NUCLEAR
WR Originator: BATCH
Unit : 3 Project :
W/O Type: PM TSK PRI: 3 W/O Dspln: N
Planner : BAKERG BAKER G A
W/O Title : E, SP0182, RB STRUCT INTEG TENDON SU
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Work Order Package

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Work Order Task Instructions

****

Rework/Approval

Deficiency Tag No.: Loc: Tag Removed:
ReWork Job : N Comments:

Task Requirements

C.	REG/REQ	VALUE	COMMENTS
CR3	CLR REQ	N	
CR3	ISI	Y	
CR3	LCO	N	
CR3	NDE REQ	Y	UT
CR3	QC	Y	
CR3	REAC MGMT	N	
CR3	RWP	Y	RPR,R15
CR3	RWP NBR	3824	QC ACTIVITIES IN RB
CR3	WORK REL	N	NOTIFY OWC PRIOR TO WORK START

Authorization

Start Permission : _____ Date: 11/22/07

Failure/Action Taken/As Found

Failure Category Code (F/NF) NF
Action Taken Category Code: SC
As Found Sub Category Code: (1-5) N/A

Facility: CR3 CRYSTAL RIVER PLANT NUCLEAR
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Unit : 3 Project :
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Planner : BAKERG BAKER G A
W/O Title : E, SP0182, RB STRUCT INTEG TENDON SU
W/O Task Title: Q,OM, CONTAINMENT LINER PLATE, PERFORM UT INSPECTION
Task Dspln : Q Due By: 09/01/06

Work Order Package

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Work Completion Signatures

Name	Function/Dept.	Date
Kevin M. Kenyon	QC Analyst-NAS	11/22/07
[illegible]	Eng-IST	11/23/07

Comments: UT exams performed and data sent to engineering for evaluation.

Rework Reason/Cause

		(Y/N)
T	COMPONENT FAILED	-
I W	INCOMPLETE WORK FROM MAINTENANCE	-
	REWORK	-

Date: N/A
Comments:

Completion Comments on Work Performed

Completion Comments Required : Y

Comments: N/A

Comments: N/A

Facility: CR3 CRYSTAL RIVER PLANT NUCLEAR
WR Originator: BATCH
Unit : 3 Project :
W/O Type: PM TSK PRI: 3 W/O Dspln: N
Planner : BAKERG BAKER G A
W/O Title : E, SP0182, RB STRUCT INTEG TENDON SU
W/O Task Title: Q,OM, CONTAINMENT LINER PLATE, PERFORM UT INSPECTION
Task Dspln : Q Due By: 09/01/06

Work Order Package

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MASTER
Rpt : TIPMC11
Date: 11/22/07

Completion Comments on Work Performed

Completion Comments Required : Y

Comments: N/A

Continued on Additional Sheets? : N/A

***** E N D O F R E P O R T *****

Facility: CR3 CRYSTAL RIVER PLANT NUCLEAR
Unit : 3 Project :
W/O Type: PM Priority: W/O Dspln: N
Planner : KARGED KARGEL D C
W/O Title : E, SP0182, RB STRUCT INTEG TENDON SU
W/O Task Title: Q,OM, CONTAINMENT LINER PLATE, PERFO RM UT INSPECTION
Written To :
Task Dspln : Q Completed By:

Work Order Package

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Rpt : TIPMC1A
Date: 11/22/2007

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PM Related Information

PM Early Date: 06/02/05 PM Late Date: 12/01/07
PM Frequency Code: 5Y PM Frequency Days: 1825
PMID-RQ: 00029859 01

***** E N D O F R E P O R T *****

QA-UT-8 Rev 7

Progress Energy NGG Nuclear Generation Group

NDE Report # 2007-0142

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DIGITAL ULTRASONIC THICKNESS NDE REPORT

Plant: ☐ BNP ☒ CR3 ☐ HNP ☐ RNP WO: 681048 09 Unit: ☐ 1 ☐ 2 ☒ 3 Date: 11/22/07

Component / Item Tested: Containment Liner clockwise of hatch 130' elevation bulges 3a, 3b, 3c	NDE Procedure: No.: 427 Rev: 7 TR: N/A
Component Material: ☒ C/S SA-106 (Type) ☐ S/S N/A (Type) ☐ Other (Specify): N/A	Expected Nominal T Range: .1"-1.00"
Thickness Gauge: Mfg.: Panametrics Model: 36 DL Plus S/N: 002211211 Software Rev. No.: 2.07/1.20N	Couplant: Brand: Sonotech Batch No.: 06120E
Calibration / Reference Std.: ☐ Test Item-Mic./Caliper No.: N/A ☒ Step Block S/N: QC1118 ☒ C/S ☐ S/S ☐ Other (Describe Below)	Primary Cal. Thickness: .1"-1.00" Cal. Check Thickness: .1"-1.00"
Transducer: Mfg.: Panametrics Model: D-791-RM S/N: 10052237 Diameter: .314" Freq.: 5 MHz ☐ Single ☒ Dual	
Component Conditions: High Temp: ☐ Yes ☒ No Coated / Painted: ☒ Yes* ☐ No	Inst. Receiver Gain Setting 35 dB Technique: ☐ Single-Echo ☒ Thru-Coat ☐ Multiple-Echo
Other Test Conditions: N/A *7-10 mils of SL1 coating on liner plate Paint DFT Gage CT1842 Due 2/20/08	

Sketch component or item and area tested. Include thickness data.

Varied gain to 80% Full Screen Height. UT done through paint. Requested by engineering to UT containment liner plate at bulge areas 3A, 3B and 3C. Bulge area was identified, bounded and sectioned in quadrants and an average thickness recorded for each quadrant.

NOTE: APPROXIMATE ELEVATION 140'; APPROXIMATE AZIMUTH 80°. BPK 11/22/07

BULGE AREA 3A
12" X 12"

370"	371"
369"	370"

BULGE AREA 3B
36" X 12"

371"	371"
370"	370"

BULGE AREA 3C
24" X 12"

369"	358"
368"	368"

AHV-1C

Looking at Liner

Inspector Kevin M. Kenyon	Certification Level 1 Ltd. A-Scan	Date 11/22/07
Inspector N/A	Certification Level N/A	Date N/A
Reviewed By (If Required)	Title QA/QC/NDE TECH-1	Date 11/22/07