

INSERVICE INSPECTION REPORT

Date of Document Completion: January 18, 2002

REFUELING 17

INTERVAL 3

PERIOD 2

OUTAGE 1

**J. M. FARLEY UNIT 1
NUCLEAR GENERATING PLANT
COLUMBIA, ALABAMA 36319**

Commercial Service Date: December 1, 1977

**Southern Nuclear Operating
Company
40 Inverness Parkway
Birmingham, Alabama 35242**

A047

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

- Southern Nuclear Operating Co. 40 Inverness Center Parkway,
 1. Owner Birmingham, Al 35242 (as agent for Alabama Power Co.)
 (Name and Address of Owner)
2. Plant J. M. Farley Nuclear Plant, Hwy 95 South, Columbia, Al. 36319
 (Name and Address of Plant)
3. Plant Unit 1 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service 12/01/77 6. National Board Number for Unit See Listed N. B.
 for each component
7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel Closure Head	Combustion Engineering	69204	N/A	21012
Reactor Vessel	Combustion Engineering	69104	N/A	21012
Reactor Coolant Piping	Southwest Fabricating	N/A	N/A	N/A
Pressurizer	Westinghouse Tampa	1431	N/A	68-103
Reactor Coolant Pumps A & B	Westinghouse EMD	RCPCP1-1 RCPCP1-2	N/A	N/A
Containment Spray Pump A	Goulds Pumps	N225B638-1	N/A	N/A
Class 1 Piping	Daniel Construction	N/A	N/A	N/A
Class 2 Piping	Daniel Construction	N/A	N/A	N/A

Note: Supplemental sheets in the form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1

8. Examination Dates 10/06/01 to 11/16/01
9. Inspection Period Identification: Second Period 04/01/01 to 08/01/04
10. Inspection Interval Identification: Third Interval 12/01/97 to 12/01/07
11. Applicable Edition of Section XI 1989 Addenda None
Subsections IWE and IWL 1992 Addenda 1992
12. Date/Revision of Inspection Plan: FNP-1-M-097; 09/13/01; Revision 2
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. See Tabs B, C and E
14. Abstract of Results of Examinations and Tests. See Tab B
15. Abstract of Corrective Measures. See Tab B

We certify that a) the statements made in this report are correct, b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A

Date 1-18 2002 Signed Southern Nuclear Operating Co. By R. M. Shivers
(Owner)

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by Factory Mutual Insurance Company of Johnston, Rhode Island have inspected the components described in this Owner's Report during the period 10/6/01 to 11/16/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Charles E. Ward Commissions GA 328 INA
Inspector's Signature National Board, State, Province, and Endorsements

Date 1/18 2002

**OWNER'S REPORT
FOR
INSERVICE INSPECTION**

DATE: 01/18/02

OWNER NAME AND ADDRESS: Southern Nuclear Operating Co.
40 Inverness Parkway
Birmingham, Al 35242
(as agent for Alabama Power Co.)

**NAME AND ADDRESS OF
NUCLEAR GENERATING PLANT:** Joseph M. Farley Nuclear Plant
Highway 95 South
Columbia, Alabama 36319

**NAME ASSIGNED TO NUCLEAR
POWER UNIT:** Joseph M. Farley Nuclear Plant
Unit 1

**OWNER CERTIFICATE OF
AUTHORIZATION:** N/A

COMMERCIAL SERVICE DATE: December 1, 1977

NATIONAL BOARD NUMBER: See listed NB's for each component

**NAME OF COMPONENTS OR PARTS OF
COMPONENTS INVOLVED:** Representative samples of the following components
and systems were examined using nondestructive
examination techniques.

CLASS 1

COMPONENT OR SYSTEM	SYSTEM DESIGNATION	ALA SKETCH
Reactor Vessel Closure Head	B13	1-1300B
Reactor Vessel	B11	1-1100
Reactor Coolant System	B13	1-4205, 1-4502, 1-4503
Reactor Coolant Pump	B41	1-5100, 1-5200
Pressurizer	B31	1-2100
RHR System	E11	1-4101, 1-4301
Safety Injection System	E21	1-4201, 1-4202, 1-4204, 1-4305
CVCS System	E21	1-4209, 1-4309

CLASS 2

COMPONENT OR SYSTEM	SYSTEM DESIGNATION	ALA SKETCH
Containment Spray Pump	E13	2-5150
Main Steam System	N11	2-4100
RHR System	E11	2-4504, 2-4507

HYDROSTATIC TESTING: SEE TABS B AND E

NAME AND ADDRESS OF MANUFACTURER OR INSTALLER OF COMPONENTS:

<u>REACTOR VESSEL AND REACTOR VESSEL CLOSURE HEAD</u> Combustion Engineering, Inc. Chattanooga, Tennessee	<u>REACTOR COOLANT PIPING</u> Southwest Fabricating and Welding Co., Inc. Houston, Texas
<u>Pressurizer</u> Westinghouse Electric Corporation Tampa Division Tampa, Florida	<u>Reactor Coolant Pumps A & B</u> Westinghouse Electric Corporation Electro Mechanical Division Cheswick, Pennsylvania
<u>CLASS 1 & 2 PIPING</u> Daniel Construction Co. Greenville, South Carolina	<u>Containment Spray Pump A</u> Goulds Pumps, Inc. Seneca Falls, New York

INSERVICE INSPECTION DATES: 10/06/01 TO 11/16/01

NAME OF AUTHORIZED NUCLEAR INSPECTOR: Charles G. Ward

**NAME AND MAILING ADDRESS
OF INSPECTOR'S EMPLOYER:**

Factory Mutual Insurance Company
1301 Atwood Ave.
P. O. Box 7500
Johnston, RI. 02919

ABSTRACT: SEE TABS B AND C

B

**J. M. FARLEY NUCLEAR PLANT UNIT NO 1
INTERVAL 3 PERIOD 2 OUTAGE 1
BALANCE OF PLANT/REACTOR VESSEL EXAMINATION SUMMARY**

INTRODUCTION

An Inservice examination of Class 1 and 2 components and piping systems was conducted at Farley Nuclear Plant Unit 1 during October 2001. The examinations were performed in accordance with an approved Examination Program Plan located under Tab C of this report. The primary areas of examination included the Reactor Vessel, RCS Piping, RHR/CVCS Piping and supports, Containment Spray Piping and supports and Main Steam/Main Feedwater Piping and supports.

The program utilized ultrasonic, surface and visual nondestructive testing methods in accordance with the requirements of ASME Section XI 1989 Edition and Technical Specifications 5.5.7, 5.5.8 and 5.5.16.

Selected examinations and related activities were witnessed by representatives of Southern Nuclear Operating Company and its Authorized Inspection Agency. All examinations were performed to the extent practical within geometric and physical limitations.

RESULTS

Examinations resulted in recordable indication areas being noted on the basis of procedure recording criteria, which generally are more conservative than specified in the ASME Section XI Acceptance Standards. Indications were evaluated and dispositioned by Indication Evaluation Reports (IER), shown in Tab F of this report. The results are summarized below.

SUMMARY OF INDICATIONS

CLASS 1

(A) VOLUMETRIC EXAMINATIONS

- There were no Class 1 Volumetric indications.

(B) SURFACE EXAMINATIONS

- There were no Class 1 Surface indications.

C) VISUAL EXAMINATIONS

- There were nine (9) valves and one (1) flow orifice noted with various degrees of boron accumulation, mainly on the bolted connection. In each case the boron was removed and a re-examination performed satisfactorily.

CLASS 2

(A) VOLUMETRIC EXAMINATIONS

- There were no Class 2 Volumetric indications.

(B) SURFACE EXAMINATIONS

- There were no Class 2 Surface indications.

(C) VISUAL EXAMINATIONS

- There were forty-two (42) Class 2 bolted connections noted with various degrees of boron accumulation. The items consisted of valve bonnets and flanged connections for equipment. In each case the boron was removed, an evaluation performed or new gaskets installed and a re-examination performed satisfactorily. In addition five (5) pumps were examined which had a small amount of boron in the seal area. These were evaluated as acceptable with no further action required.

AUGMENTED EXAMINATIONS

- Augmented surface examinations were performed on the A Reactor Coolant Pump Flywheel. No indications were identified.

ADDITIONAL EXAMINATIONS

Results from additional examinations which were performed during this outage are as follows:

- **Class 1 System Leakage Test**

In accordance with ASME Section XI 1989 Edition IWB-5210(a)(1), leak testing of the Class 1 Reactor Coolant System Pressure Boundary was performed prior to startup following the 17th refueling outage. The testing was completed by plant personnel on 10/30/01. A copy of the completed test procedure FNP-1-SOP-1.4 is retained by the Farley Nuclear Plant Document Control. The VT-2 data sheet is located behind Tab D.

Subsequent to the Class 1 leakage test, control rod operability testing indicated problems with the seventeen (17) original equipment RCCA's installed in the plant meeting test acceptance criteria. The other thirty-one (31) RCCA's had been changed during a planned replacement program in previous outages. The plant was returned to cold shutdown, the reactor head disassembled and the 17 affected fuel assemblies were transferred to the spent fuel pool for changeout of the RCCA's. The RCCA replacement delayed the end of the outage until 11/16/01. The VT-2 data sheet associated with equipment disassembled after the completion of procedure FNP-1-SOP-1.4 and the end of the outage are also included behind Tab D.

In addition, to meet the 1989 Section XI IWA-5242(a) requirement for removal of insulation from bolted connections in "systems borated for the purpose of controlling reactivity" the alternative exam requirements of Relief Request RR-27 were used. This Relief Request allowed the insulation to be removed and the bolted connection to be examined for evidence of leakage at static conditions. If evidence of leakage affecting the bolting was apparent the bolting was removed and examined per IWA-5250(2). IER-001 under Tab F contains the results of the evaluations, for ASME Class 1 bolted connections indicating evidence of boric acid.

- **Class 1 and 2 Hydrotesting**

No hydrostatic testing was performed during the 17th refueling outage to meet requirements of the current inspection interval.

- **Class 2 Functional/Inservice Testing**

Class 2 functional testing performed during the 17th refueling outage included portions of the Main Steam, Main Feedwater, Safety Injection and Charging systems.

- **Class MC Examinations**

Following replacement of the fuel transfer tube blind flange, removed for fuel movement associated with the RCCA changeout, new gaskets were installed and examined per WO 01008091. An acceptable final local leak rate test (LLRT) was also performed on the flange. These actions were performed in accordance with the requirements of Relief Request RR-31.

STATUS OF EXAMINATIONS REQUIRED FOR CURRENT INTERVAL

This refueling was the 1st outage, 2nd period of the current interval and the examinations completed to date represent approximately 30 % of the total Class 1 and 2 scope for the current period. Approximately 40 % of the examinations required for the current interval have been completed.

STEAM GENERATOR EDDY-CURRENT EXAMINATION SUMMARY

U1R17 was the first inservice inspection of the new replacement Model 54F steam generators which were replaced during U1R16. The inspection scope for all three SG's was:

- 100% full length bobbin (with exception of low row U-bends)
- 20% hot leg top of tubesheet plus point
- 100% low row U-bend plus point
- Plus point of bobbin signals which were not observed during the Pre-Service Inspection (PSI) or which had changed since the PSI.

No indications of degradation were observed and the inspections were completed ahead of schedule. There were no indications of tube wear or foreign objects in SG's 1A and 1B where MIMs signals had indicated the possibility of a loose part (s).

Work was performed in accordance with NEI 97-06 Rev 1 and EPRI SG NDE Guidelines, Rev 5.

c

EXAMINATION PROGRAM PLAN

UNIT 1 RF 17

INTERVAL 3 PERIOD 2 OUTAGE 1

2001

UNIT 1

FIGURE 2

FARLEY NUCLEAR PLANT INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1Change No. 004Page 1 of 110 Year Interval 340 Month Period 2Outage 1

Components:		Reason For Change:	
Delete Examination	Exam Required		
1 ALA1-4102-QV032A	VT-3 / INTERNAL SURFACE	Valve not disassembled	
2 ALA1-4102-QV037A	VT-3 / INTERNAL SURFACE	Valve not disassembled	
3 ALA1-4103-QV076A	VT-3 / INTERNAL SURFACE	Valve not disassembled	
4 ALA1-4104-QV021C	VT-3 / INTERNAL SURFACE	Valve not disassembled	
5 ALA1-4201-QV032B	VT-3 / INTERNAL SURFACE	Valve not disassembled	
6 ALA1-4201-QV037B	VT-3 / INTERNAL SURFACE	Valve not disassembled	
7 ALA1-4202-QV051B	VT-3 / INTERNAL SURFACE	Valve not disassembled	
8 ALA1-4203-QV021B	VT-3 / INTERNAL SURFACE	Valve not disassembled	
9 ALA1-4302-QV032C	VT-3 / INTERNAL SURFACE	Valve not disassembled	
10 ALA1-4302-QV037C	VT-3 / INTERNAL SURFACE	Valve not disassembled	
11 ALA1-4303-QV021A	VT-3 / INTERNAL SURFACE	Valve not disassembled	
12 ALA1-4304-QV051A	VT-3 / INTERNAL SURFACE	Valve not disassembled	
13 ALA1-4501-QV031A	VT-3 / INTERNAL SURFACE	Valve not disassembled	
14 ALA1-4502-QV031B	VT-3 / INTERNAL SURFACE	Valve not disassembled	
15 ALA1-4503-QV031C	VT-3 / INTERNAL SURFACE	Valve not disassembled	
16 ALA1-5300-FW1	Surface / Volumetric	Pump not disassembled / Exam area not accessible	
17 ALA1-5100-FW1	Volumetric	PT examination performed	

APPROVED BY: N/A
Vendor Coordinator

Date

APPROVED BY: J. E. O'Connell
SNC Coordinator10-26-01
Date

FARLEY NUCLEAR PLANT INSERVICE INSPECTION PROGRAM CHANGE

Reason For Change:

Exam Required

Date _____

FARLEY NUCLEAR PLANT INSERVICE INSPECTION PROGRAM CHANGE

Outage 1

Reason For Change:

10-16-01
Date

UNIT 1

FIGURE 2

FARLEY NUCLEAR PLANT INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1Change No. 001Page 1 of 210 Year Interval 340 Month Period 2Outage 1**Components:****Reason For Change:**

Delete the Following		Exam Required	
1.	ALA2-4350-24R	VOL and SUR	UT Thickness not required per Engineering
2.	ALA2-4350-23R	SUR	No surface exam Required = UT thickness
3.	ALA1-4300-4R	VOL and SUR	UT Thickness not required per Engineering
4.	ALA2-5150-CS-2	VT-3 / F-A F1.40	"Containment Spray pump equipment Support was re-numbered as ALA2-5150-CS-1, this support has 14 bolts, with no welded attachments. The support should include the IWF Boundary as defined by ASME XI and Be listed as one support."
5.	ALA2-5150-CS-3	VT-3 / F-A F1.40	
6.	ALA2-5150-CS-4	VT-3 / F-A F1.40	
7.	ALA2-5150-CS-5	VT-3 / F-A F1.40	
8.	ALA2-5150-CS-6	VT-3 / F-A F1.40	
9.	ALA2-5150-CS-5 (NS)	SUR / C-C C3.30	
10.	ALA2-5150-CS-6 (FS)	SUR / C-C C3.30	
Change the following:		Old procedure	New Procedure
1.	ALA2-4350-23R	FNP-0-NDE-100.43	FNP-0-NDE-100.35 UT Thickness
2.	D170153-CS TANK (ATT)	FNP-0-NDE-100.23	FNP-0-NDE-100.21 VT-1 Procedure
Add the Following			
1.	ALA1-1100-CS-1	FNP-0-NDE-100.23 (VT-3) RPV Support F-A / F1.40	RR-44 / Exam to be performed while looking for Boron leakage on RCS pipe
2.	ALA1-1100-CS-2	FNP-0-NDE-100.23 (VT-3) RPV Support F-A / F1.40	RR-44 / Exam to be performed while looking for Boron leakage on RCS pipe
3.	ALA1-1100-CS-3	FNP-0-NDE-100.23 (VT-3) RPV Support F-A / F1.40	RR-44 / Exam to be performed while looking for Boron leakage on RCS pipe
4.	ALA1-1100-CS-4	FNP-0-NDE-100.23 (VT-3) RPV Support F-A / F1.40	RR-44 / Exam to be performed while looking for Boron leakage on RCS pipe
5.	ALA1-1100-CS-5	FNP-0-NDE-100.23 (VT-3) RPV Support F-A / F1.40	RR-44 / Exam to be performed while looking for Boron leakage on RCS pipe
6.	ALA1-1100-CS-6	FNP-0-NDE-100.23 (VT-3) RPV Support F-A / F1.40	RR-44 / Exam to be performed while looking for Boron leakage on RCS pipe

APPROVED BY: N/A
Vendor Coordinator

N/A
Date

APPROVED BY: Harry A. Rottler
SNC Coordinator

10-3-2001
Date

UNIT 1

FIGURE 2

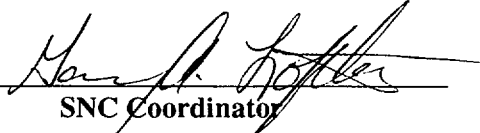
FARLEY NUCLEAR PLANT INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1Change No. 001Page 2 of 210 Year Interval 340 Month Period 2Outage 1

	Defer the Following Items	Examination Method	Reason for change:
1.	ALA1-2100-3	VOL	Examination deferred until 3-2-2
2.	ALA1-2100-7	VOL	Examination deferred until 3-2-2
3.	ALA1-2100-14	VOL and SUR	Examination deferred until 3-2-2
4.	ALA1-2100-14IR	VOL	Examination deferred until 3-2-2

APPROVED BY: - N/A -
Vendor Coordinator

N/A
Date

APPROVED BY: 
SNC Coordinator

10-3-2001
Date

J. M. FARLEY NUCLEAR PLANT
OUTAGE PLAN
Interval 3 Period 2 Outage 1

(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method			NDE Procedures	Remarks
				Sur	Vol	Vis		
B-O B14.10	ALA1-1300-55 Figure 022	CRD HOUSING WELDS			SUR		FNP-0-NDE-100.5	
B-G-1 B6.10	ALA1-1300-N20 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.10	ALA1-1300-N21 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.10	ALA1-1300-N22 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.10	ALA1-1300-N23 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.10	ALA1-1300-N24 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.10	ALA1-1300-N25 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.10	ALA1-1300-N26 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.10	ALA1-1300-N27 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.10	ALA1-1300-N28 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.10	ALA1-1300-N29 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.10	ALA1-1300-N30 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.10	ALA1-1300-N31 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.10	ALA1-1300-N32 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.10	ALA1-1300-N33 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	

(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method			NDE Procedures	Remarks
				Sur	Vol	Vis		
B-G-1 B6.10	ALA1-1300-N34 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.10	ALA1-1300-N35 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.10	ALA1-1300-N36 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.10	ALA1-1300-N37 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.10	ALA1-1300-N38 Figure	REACTOR VESSEL NUTS			VT-1		FNP-0-NDE-100.21	
B-G-2 B7.80	ALA1-1300-PEN 53 Figure	CRD HOUSING BOLTING			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.30	ALA1-1300-S20 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S20 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.30	ALA1-1300-S21 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S21 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.30	ALA1-1300-S22 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S22 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.30	ALA1-1300-S23 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S23 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.30	ALA1-1300-S24 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	

(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method			NDE Procedures	Remarks
				Sur	Vol	Vis		
B-G-1 B6.30	ALA1-1300-S24 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.30	ALA1-1300-S25 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.30	ALA1-1300-S25 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S26 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S26 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.30	ALA1-1300-S27 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S27 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.30	ALA1-1300-S28 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.30	ALA1-1300-S28 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S29 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S29 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.30	ALA1-1300-S30 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S30 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.30	ALA1-1300-S31 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S31 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	

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(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method			NDE Procedures	Remarks
				Sur	Vol	Vis		
B-G-1 B6.30	ALA1-1300-S32 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.30	ALA1-1300-S32 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S33 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.30	ALA1-1300-S33 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S34 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S34 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.30	ALA1-1300-S35 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S35 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.30	ALA1-1300-S36 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S36 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.30	ALA1-1300-S37 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S37 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.30	ALA1-1300-S38 Figure 016	REACTOR VESSEL STUDS	ALA-36		SUR		FNP-0-NDE-100.11	
B-G-1 B6.30	ALA1-1300-S38 Figure 016	REACTOR VESSEL STUDS	ALA-36		VOL		FNP-0-NDE-100.39	
B-G-1 B6.50	ALA1-1300-W20 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	

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(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method			NDE Procedures	Remarks
				Sur	Vol	Vis		
B-G-1 B6.50	ALA1-1300-W21 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.50	ALA1-1300-W22 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.50	ALA1-1300-W23 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.50	ALA1-1300-W24 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.50	ALA1-1300-W25 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.50	ALA1-1300-W26 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.50	ALA1-1300-W27 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.50	ALA1-1300-W28 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.50	ALA1-1300-W29 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.50	ALA1-1300-W30 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.50	ALA1-1300-W31 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.50	ALA1-1300-W32 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.50	ALA1-1300-W33 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.50	ALA1-1300-W34 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.50	ALA1-1300-W35 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	

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(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method			NDE Procedures	Remarks
				Sur	Vol	Vis		
B-G-1 B6.50	ALA1-1300-W36 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.50	ALA1-1300-W37 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	
B-G-1 B6.50	ALA1-1300-W38 Figure	REACTOR VESSEL WASHERS			VT-1		FNP-0-NDE-100.21	
B-D B3.110	ALA1-2100-11 Figure 008	SAFETY NOZZLE TO PZR TOP HEAD	APR-7		VOL		FNP-0-NDE-100.34	(SUPPLEMENTAL SURFACE EXAM)
B-D B3.110	ALA1-2100-11 Figure 008	SAFETY NOZZLE TO PZR TOP HEAD	APR-7		SUR		FNP-0-NDE-100.11	(SUPPLEMENTAL SURFACE EXAM)
B-D B3.120	ALA1-2100-11IR Figure 008	PZR NOZZLE INNER RADIUS	ALA-38		VOL		FNP-0-NDE-100.38	
B-D B3.110	ALA1-2100-12 Figure 008	SPRAY NOZZLE TO PZR TOP HEAD	APR-7		SUR		FNP-0-NDE-100.11	(SUPPLEMENTAL SURFACE EXAM)
B-D B3.110	ALA1-2100-12 Figure 008	SPRAY NOZZLE TO PZR TOP HEAD	APR-7		VOL		FNP-0-NDE-100.34	(SUPPLEMENTAL SURFACE EXAM)
B-D B3.120	ALA1-2100-12IR Figure 008	PZR NOZZLE INNER RADIUS	ALA-38		VOL		FNP-0-NDE-100.38	
B-D B3.110	ALA1-2100-13 Figure 008	SAFETY NOZZLE TO PZR TOP HEAD	APR-7		SUR		FNP-0-NDE-100.11	(SUPPLEMENTAL SURFACE EXAM)
B-D B3.110	ALA1-2100-13 Figure 008	SAFETY NOZZLE TO PZR TOP HEAD	APR-7		VOL		FNP-0-NDE-100.34	(SUPPLEMENTAL SURFACE EXAM)
B-D B3.120	ALA1-2100-13IR Figure 008	PZR NOZZLE INNER RADIUS	ALA-38		VOL		FNP-0-NDE-100.38	
B-D B3.110	ALA1-2100-14 Figure 008	SURGE NOZZLE TO PZR BOTTOM HEAD	APR-7		SUR		FNP-0-NDE-100.11	(SUPPLEMENTAL SURFACE EXAM)
B-D B3.110	ALA1-2100-14 Figure 008	SURGE NOZZLE TO PZR BOTTOM HEAD	APR-7		VOL		FNP-0-NDE-100.34	(SUPPLEMENTAL SURFACE EXAM)
B-D B3.120	ALA1-2100-14IR Figure 008	PZR NOZZLE INNER RADIUS	ALA-38		VOL		FNP-0-NDE-100.38	

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(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur Vol Vis	NDE Procedures	Remarks
B-B B2.12	ALA1-2100-3 Figure 002	PZR UPPER SHELL LONG SEAM	APR-7	VOL	FNP-0-NDE-100.24	1 ft of weld reqd.
B-B B2.11	ALA1-2100-7 Figure 001	PZR UPPER SHELL TO TOP HEAD	APR-7	VOL	FNP-0-NDE-100.24	
B-G-2 B7.70	ALA1-4101-QV016B (B) Figure	VALVE BOLTING	-	VT-1	FNP-0-NDE-100.21	
F-A F1.10	ALA1-4101-RHR-R98 Figure 037	ONE DIRECTIONAL RESTRAINT W/ATTACH	-	VT-3	FNP-0-NDE-100.23	
B-K B10.20	ALA1-4101-RHR-R98 (W2) Figure 028	WELDED ATTACHMENT	-	SUR	FNP-0-NDE-100.5	
B-M-2 B12.50	ALA1-4102-QV032A Figure Internal	COPES VALVE		VT-3	FNP-0-NDE-100.23	Group 5. Inspect one per group if disassembled.
B-M-2 B12.50	ALA1-4102-QV037A Figure Internal	COPES VALVE		VT-3	FNP-0-NDE-100.23	Group 5. Inspect one per group if disassembled.
B-M-2 B12.50	ALA1-4103-QV076A Figure Internal	VELAN VALVE		VT-3	FNP-0-NDE-100.23	Group 2. Inspect one per group if disassembled.
B-M-2 B12.50	ALA1-4104-QV021C Figure Internal	VELAN VALVE		VT-3	FNP-0-NDE-100.23	Group 2. Inspect one per group if disassembled.
B-G-2 B7.70	ALA1-4201-QV032B (B) Figure	VALVE BOLTING		VT-1	FNP-0-NDE-100.21	
B-M-2 B12.50	ALA1-4201-QV032B Figure Internal	COPES VALVE		VT-3	FNP-0-NDE-100.23	Group 5. Inspect one per group if disassembled.
B-M-2 B12.50	ALA1-4201-QV037B Figure Internal	COPES VALVE		VT-3	FNP-0-NDE-100.23	Group 5. Inspect one per group if disassembled.
B-G-2 B7.50	ALA1-4202-FLG-1 Figure	FLANGE BOLTING		VT-1	FNP-0-NDE-100.21	
B-G-2 B7.70	ALA1-4202-QV051B (B) Figure	VALVE BOLTING	-	VT-1	FNP-0-NDE-100.21	
B-M-2 B12.50	ALA1-4202-QV051B Figure Internal	VELAN VALVE		VT-3	FNP-0-NDE-100.23	Group 2. Inspect one per group if disassembled.

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(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method			NDE Procedures	Remarks
B-M-2 B12.50	ALA1-4203-QV021B Figure Internal	VELAN VALVE	-	VT-3			FNP-0-NDE-100.23	Group 2. Inspect one per group if disassembled.
B-G-2 B7.70	ALA1-4204-QV077B (B) Figure	VALVE BOLTING	-	VT-1			FNP-0-NDE-100.21	
B-F B5.40	ALA1-4205-35DM Figure 012	SAFE END TO PZR NOZZLE	APR-1	VOL			FNP-0-NDE-100.31	
B-F B5.40	ALA1-4205-35DM Figure 012	SAFE END TO PZR NOZZLE	APR-1	SUR			FNP-0-NDE-100.5	
B-G-2 B7.50	ALA1-4209-FLG-1 Figure	FLANGE BOLTING		VT-1			FNP-0-NDE-100.21	
B-J B9.11	ALA1-4300-4R Figure 012	ELBOW TO SAFE END		SUR			FNP-0-NDE-100.5	Added per Steam Generator replacement. PSI during 1R16. Verify UT thickness measurements during 1R17 outage.
B-J B9.11	ALA1-4300-4R Figure 012	ELBOW TO SAFE END		VOL			FNP-0-NDE-100.44	Added per Steam Generator replacement. PSI during 1R16. Verify UT thickness measurements during 1R17 outage.
B-G-2 B7.70	ALA1-4301-QV016A (B) Figure	VALVE BOLTING		VT-1			FNP-0-NDE-100.21	
B-M-2 B12.50	ALA1-4302-QV032C Figure Internal	COPEX VALVE		VT-3			FNP-0-NDE-100.23	Group 5. Inspect one per group if disassembled.
B-M-2 B12.50	ALA1-4302-QV037C Figure Internal	COPEX VALVE		VT-3			FNP-0-NDE-100.23	Group 5. Inspect one per group if disassembled.
B-M-2 B12.50	ALA1-4303-QV021A Figure Internal	VELAN VALVE		VT-3			FNP-0-NDE-100.23	Group 2. Inspect one per group if disassembled.
B-M-2 B12.50	ALA1-4304-QV051A Figure Internal	VELAN VALVE		VT-3			FNP-0-NDE-100.23	Group 2. Inspect one per group if disassembled.
F-A F1.10	ALA1-4305-SI-R266 Figure 037	HYDRAULIC SNUBBER	-	VT-3			FNP-0-NDE-100.23	

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(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method			NDE Procedures	Remarks
				Sur	Vol	Vis		
B-G-2 B7.50	ALA1-4309-FLG-1 Figure	FLANGE BOLTING			VT-1		FNP-0-NDE-100.21	
B-M-2 B12.50	ALA1-4501-QV031A Figure Internal	CROSBY VALVE			VT-3		FNP-0-NDE-100.23	Group 4. Inspect one per group if disassembled.
B-F B5.40	ALA1-4502-1DM Figure 012	PZR NOZZLE TO SAFE END	ALA-5		SUR		FNP-0-NDE-100.5	
B-F B5.40	ALA1-4502-1DM Figure 012	PZR NOZZLE TO SAFE END	ALA-5		VOL		FNP-0-NDE-100.31	
B-M-2 B12.50	ALA1-4502-QV031B Figure Internal	CROSBY VALVE			VT-3		FNP-0-NDE-100.23	Group 4. Inspect one per group if disassembled.
B-F B5.40	ALA1-4503-1DM Figure 012	PZR NOZZLE TO SAFE END	ALA-5		SUR		FNP-0-NDE-100.5	
B-F B5.40	ALA1-4503-1DM Figure 012	PZR NOZZLE TO SAFE END	ALA-5		VOL		FNP-0-NDE-100.31	
B-M-2 B12.50	ALA1-4503-QV031C Figure Internal	CROSBY VALVE			VT-3		FNP-0-NDE-100.23	Group 4. Inspect one per group if disassembled.
B-G-2 B7.60	ALA1-5100-B25 Figure	RC PUMP SEAL HOUSING BOLTING			VT-1		FNP-0-NDE-100.21	
B-G-2 B7.60	ALA1-5100-B26 Figure	RC PUMP SEAL HOUSING BOLTING			VT-1		FNP-0-NDE-100.21	
B-G-2 B7.60	ALA1-5100-B27 Figure	RC PUMP SEAL HOUSING BOLTING			VT-1		FNP-0-NDE-100.21	
B-G-2 B7.60	ALA1-5100-B28 Figure	RC PUMP SEAL HOUSING BOLTING			VT-1		FNP-0-NDE-100.21	
B-G-2 B7.60	ALA1-5100-B29 Figure	RC PUMP SEAL HOUSING BOLTING			VT-1		FNP-0-NDE-100.21	
B-G-2 B7.60	ALA1-5100-B30 Figure	RC PUMP SEAL HOUSING BOLTING			VT-1		FNP-0-NDE-100.21	
B-G-2 B7.60	ALA1-5100-B31 Figure	RC PUMP SEAL HOUSING BOLTING			VT-1		FNP-0-NDE-100.21	

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(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method			NDE Procedures	Remarks
				Sur	Vol	Vis		
B-G-2 B7.60	ALA1-5100-B32 Figure	RC PUMP SEAL HOUSING BOLTING			VT-1		FNP-0-NDE-100.21	
B-G-2 B7.60	ALA1-5100-B33 Figure	RC PUMP SEAL HOUSING BOLTING			VT-1		FNP-0-NDE-100.21	
B-G-2 B7.60	ALA1-5100-B34 Figure	RC PUMP SEAL HOUSING BOLTING			VT-1		FNP-0-NDE-100.21	
B-G-2 B7.60	ALA1-5100-B35 Figure	RC PUMP SEAL HOUSING BOLTING			VT-1		FNP-0-NDE-100.21	
B-G-2 B7.60	ALA1-5100-B36 Figure	RC PUMP SEAL HOUSING BOLTING			VT-1		FNP-0-NDE-100.21	
R-G/AUG B1.14	ALA1-5100-FW1 Figure	RC PUMP FLYWHEEL			SUR-AUG		FNP-0-NDE-100.11 FNP-0-NDE-100.5	Perform surface exam on any flywheel that is disassembled. Any flywheel not previously disassembled & surface examined, will be given a volumetric exam on inner half-radius during third period.

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R-G/AUG B1.14	ALA1-5100-FW1 Figure	RC PUMP FLYWHEEL			VOL-AUG		FNP-0-NDE-100.07	Perform surface exam on any flywheel that is disassembled. Any flywheel not previously disassembled & surface examined, will be given a volumetric exam on inner half-radius during third period.
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F-A F1.40	ALA1-5200-CS-1 Figure 037	REACTOR COOLANT PUMP B Q1B41P001B			VT-3		FNP-0-NDE-100.23	
F-A F1.40	ALA1-5200-CS-2 Figure 037	REACTOR COOLANT PUMP B Q1B41P001B			VT-3		FNP-0-NDE-100.23	
F-A F1.40	ALA1-5200-CS-3 Figure 037	REACTOR COOLANT PUMP B Q1B41P001B			VT-3		FNP-0-NDE-100.23	
R-G/AUG B1.14	ALA1-5300-FW1 Figure	RC PUMP FLYWHEEL			SUR-AUG		FNP-0-NDE-100.11 FNP-0-NDE-100.5	Perform surface exam on any flywheel that is disassembled. Any flywheel not previously disassembled & surface examined, will be given a volumetric exam on inner half-radius during third period.

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(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur Vol Vis			NDE Procedures	Remarks
B-G/AUG B1.14	ALA1-5300-EW1 Figure	RC PUMP FLYWHEEL		VOL	AUG		FNP-0-NDE-100.37	Perform surface exam on any flywheel that is disassembled. Any flywheel not previously disassembled & surface examined, will be given a volumetric exam on inner half-radius during third period.
F-A F1.20	ALA2-4100-MS3-R4 Figure 037	ONE DIRECTIONAL RESTRAINT W/ATTACH	-	VT	3		FNP-0-NDE-100.23	EXAMINE PER OR1-97-216.
C-F-2 C5.51	ALA2-4350-23R Figure 030	ELBOW TO REDUCER	ALA-25	SUR			FNP-0-NDE-100.5	Added per Steam Gen. replacement during 1R16. Verify UT thickness measurements during 1R17 outage.
C-F-2 C5.51	ALA2-4350-23R Figure 030	ELBOW TO REDUCER	ALA-25	VOL			FNP-0-NDE-100.43 35	Added per Steam Gen. replacement during 1R16. Verify UT thickness measurements during 1R17 outage.
C-F-2 C5.51	ALA2-4350-24R Figure 030	REDUCER TO NOZZLE		SUR			FNP-0-NDE-100.5	Added per Steam Gen. replacement during 1R16. Verify UT thickness measurements during 1R17 outage.
C-F-2 C5.51	ALA2-4350-24R Figure 030	REDUCER TO NOZZLE		VOL			FNP-0-NDE-100.43	Added per Steam Gen. replacement during 1R16. Verify UT thickness measurements during 1R17 outage.
C-F-1 C5.11	ALA2-4504-1 Figure 030	TEE TO PIPE	ALA-13	VOL	AUG		FNP-0-NDE-100.31	AUGMENTED EXAM SCAN 6" BASE METAL ON PIPE SIDE OF WELD.
C-F-1 C5.11	ALA2-4504-2 Figure 030	PIPE TO ELBOW	ALA-13	VOL	AUG		FNP-0-NDE-100.31	AUGMENTED EXAM SCAN 6" BASE METAL ON PIPE SIDE OF WELD.
C-F-1 C5.11	ALA2-4504-3 Figure 030	ELBOW TO PIPE	ALA-13	VOL	AUG		FNP-0-NDE-100.31	AUGMENTED EXAM SCAN 6" BASE METAL ON PIPE SIDE OF WELD.
C-F-1 C5.11	ALA2-4507-1 Figure 030	TEE TO PIPE	ALA-13	VOL	AUG		FNP-0-NDE-100.31	AUGMENTED EXAM SCAN 6" BASE METAL ON PIPE SIDE OF WELD.
C-F-1 C5.11	ALA2-4507-2 Figure 030	PIPE TO ELBOW	ALA-13	VOL	AUG		FNP-0-NDE-100.31	AUGMENTED EXAM SCAN 6" BASE METAL ON PIPE SIDE OF WELD.
C-F-1 C5.11	ALA2-4507-3 Figure 030	ELBOW TO PIPE	ALA-13	VOL	AUG		FNP-0-NDE-100.31	AUGMENTED EXAM SCAN 6" BASE METAL ON PIPE SIDE OF WELD.

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(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method			NDE Procedures	Remarks
				Sur	Vol	Vis		
F-A F1.40	ALA2-5150-CS-1 Figure 037	CTMT SPRAY PMP (A) Q1E13P001A-A			VT-3		FNP-0-NDE-100.23	
F-A F1.40	ALA2-5150-CS-2 Figure 037	CTMT SPRAY PMP (A) Q1E13P001A-A			VT-3		FNP-0-NDE-100.23	
F-A F1.40	ALA2-5150-CS-3 Figure 037	CTMT SPRAY PMP (A) Q1E13P001A-A			VT-3		FNP-0-NDE-100.23	
F-A F1.40	ALA2-5150-CS-4 Figure 037	CTMT SPRAY PMP (A) Q1E13P001A-A			VT-3		FNP-0-NDE-100.23	
F-A F1.40	ALA2-5150-CS-5 Figure 037	CTMT SPRAY PMP (A) Q1E13P001A-A			VT-3		FNP-0-NDE-100.23	
C-C C3.30	ALA2-5150-CS-5(NS) Figure 028	WELDED ATTACHMENT			SUR		FNP-0-NDE-100.5	N 500
F-A F1.40	ALA2-5150-CS-6 Figure 037	CTMT SPRAY PMP (A) Q1E13P001A-A			VT-3		FNP-0-NDE-100.23	
C-C C3.30	ALA2-5150-CS-6(FS) Figure 028	WELDED ATTACHMENT			SUR		FNP-0-NDE-100.5	N 500
D-A D1.10	D170153-CS TANK (ATT) Figure	CONDENSATE STO TANK Q1P11T001 ANCHOR BOLT RING ATT			VT-3		FNP-0-NDE-100.23 FNP-0-NDE-100.21	
F-A F1.40	D170153-CS TANK Figure 037	CONDENSATE STORAGE TANK Q1P11T001 ANCHOR BOLT RING			VT-3		FNP-0-NDE-100.23	
D-A D1.10	D170239-SW 501A (ATT) Figure	SW STR Q1P16F501A BASE RING WELDED TO BOT HEAD ATT			VT-1		FNP-0-NDE-100.21	
F-A F1.40	D170239-SW 501A Figure 037	SW STRAINER Q1P16F501A BASE RING WELDED TO BOTTOM			VT-3		FNP-0-NDE-100.23	
F-A F1.40	D175308-P001B-B Figure 037	AUX FW PUMP Q1N23P001B-B BASEPLATE			VT-3		FNP-0-NDE-100.23	
D-A D1.10	D175444-RH HX 1A (ATT) Figure	RH HEAT EXCHANGER Q1E11H001A- A PLATE SHELL ATTACHM			VT-1		FNP-0-NDE-100.21	
F-A F1.40	D175444-RH HX 1A Figure 037	RH HEAT EXCHANGER Q1E11H001A- A PLATE SHELL			VT-3		FNP-0-NDE-100.23	

PC-001

J. M. FARLEY NUCLEAR PLANT
OUTAGE PLAN
Interval 3 Period 2 Outage 1

FNP-1-M-097

(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method			NDE Procedures	Remarks
				Sur	Vol	Vis		
F-A F1.30	E4311H-SS-5654 Figure 038	ONE DIRECTIONAL RESTRAINT	-			VT-3	FNP-0-NDE-100.23	Delete per PC-03
F-A F1.30	HEG-142-CW14-R51 Figure 038	TWO DIRECTIONAL RESTRAINT	-			VT-3	FNP-0-NDE-100.23	
D-A D1.20	HEG-144-CCW-A12 (ATT) Figure	ANCHOR ATTACHMENTS	-			VT-1	FNP-0-NDE-100.21	
F-A F1.30	HEG-144-CCW-A12 Figure 038	ANCHOR W/ATTACH	-			VT-3	FNP-0-NDE-100.23	
F-A F1.30	HEG-146-CW18-R113 Figure 038	SWAY STRUT	-			VT-3	FNP-0-NDE-100.23	
D-A D1.20	HEG-147-CW19-R147 (ATT) Figure	TWO DIRECTIONAL RESTRAINT ATTACHMENTS	-			VT-1	FNP-0-NDE-100.21	
F-A F1.30	HEG-147-CW19-R147 Figure 038	TWO DIRECTIONAL RESTRAINT W/ATTACH	-			VT-3	FNP-0-NDE-100.23	
F-A F1.30	HEG-147-CW19-R151 Figure 038	ONE DIRECTIONAL RESTRAINT	-			VT-3	FNP-0-NDE-100.23	
F-A F1.30	HEG-147-CW21-R145 Figure 038	TWO DIRECTIONAL RESTRAINT	-			VT-3	FNP-0-NDE-100.23	
F-A F1.30	HEG-264-AFW-R72 Figure 038	SNUBBER (H)	-			VT-3	FNP-0-NDE-100.23	Delete per PC-02
D-A D1.20	HEG-265-AFW-R92 (ATT) Figure	3 DIRECTIONAL RESTRAINT ATTACHMENTS	-			VT-1	FNP-0-NDE-100.21	
F-A F1.30	HEG-265-AFW-R92 Figure 038	3 DIRECTIONAL RESTRAINT W/ATTACH	-			VT-3	FNP-0-NDE-100.23	
F-A F1.30	HEG-266-AFW-R564 Figure 038	ONE DIRECTIONAL RESTRAINT	-			VT-3	FNP-0-NDE-100.23	
D-A D1.20	HEG-269-AFW-A20 (ATT) Figure	ANCHOR ATTACHMENTS	-			VT-1	FNP-0-NDE-100.21	
F-A F1.30	HEG-269-AFW-A20 Figure 038	ANCHOR W/ATTACH	-			VT-3	FNP-0-NDE-100.23	

PC-03

PC-02

J. M. FARLEY NUCLEAR PLANT
OUTAGE PLAN
Interval 3 Period 2 Outage 1

(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method			NDE Procedures	Remarks
				Sur	Vol	Vis		
F-A F1.30	HEG-270-AFW-R69 Figure 038	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-28-SW2-R53 Figure 038	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-30-SW4&39-R84 Figure 038	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-31-SW5&6-R109 Figure 038	ONE DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-34-SW8-R17 Figure 038	SWAY STRUT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-547-AFW-R509 Figure 038	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-548-AFW-H523 Figure 038	ONE DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-691-SW-R9302 Figure 038	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-692-SW-R400 Figure 038	SWAY STRUT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-693-SW-R364 Figure 038	SWAY STRUT	-		VT-3		FNP-0-NDE-100.23	
D-A D1.20	HEG-693-SW-R366 (ATT) Figure	3 DIRECTIONAL RESTRAINT ATTACHMENTS	-		VT-1		FNP-0-NDE-100.21	
F-A F1.30	HEG-693-SW-R366 Figure 038	3 DIRECTIONAL RESTRAINT W/ATTACH	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-693-SW-R986 Figure 038	ONE DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-694-SW-R413 Figure 038	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-694-SW-R430 Figure 038	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	

J. M. FARLEY NUCLEAR PLANT
OUTAGE PLAN
Interval 3 Period 2 Outage 1

(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method			NDE Procedures	Remarks
				Sur	Vol	Vis		
F-A F1.30	HEG-698-SW-R312 Figure 038	SWAY STRUT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-698-SW-R337 Figure 038	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-699-SW-R356 Figure 038	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-699-SW-R441 Figure 038	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-699-SW-R444 Figure 038	ONE DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-704-SW-R310 Figure 038	SWAY STRUT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.30	HEG-704-SW-R334 Figure 038	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	

(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method			NDE Procedures	Remarks
				Sur	Vol	Vis		
F-A F1.40	ALAI-1100-CS-1 Figure 037	RPV SUPPORT	—			VT-3	FNP-O-NDE-100.23	RR-44
F-A F1.40	ALAI-1100-CS-2 Figure 037	RPV SUPPORT	—			VT-3	FNP-O-NDE-100.23	RR-44
F-A F1.40	ALAI-1100-CS-3 Figure 037	RPV SUPPORT	—			VT-3	FNP-O-NDE-100.23	RR-44
F-A F1.40	ALAI-1100-CS-4 Figure 037	RPV SUPPORT	—			VT-3	FNP-O-NDE-100.23	RR-44
F-A F1.40	ALAI-1100-CS-5 Figure 037	RPV SUPPORT	—			VT-3	FNP-O-NDE-100.23	RR-44
F-A F1.40	ALAI-1100-CS-6 Figure 037	RPV SUPPORT	—			VT-3	FNP-O-NDE-100.23	RR-44
F-A F1.30	E4311H-SS-3448 Figure 038	ONE Directional Restraint	—			VT-3	FNP-O-NDE-100.23	
	Figure							
	Figure							
	Figure							
	Figure							
	Figure							
	Figure							
	Figure							

PC-001

PC-003

D

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PIPING WELD EXAMS	1.4
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1.1

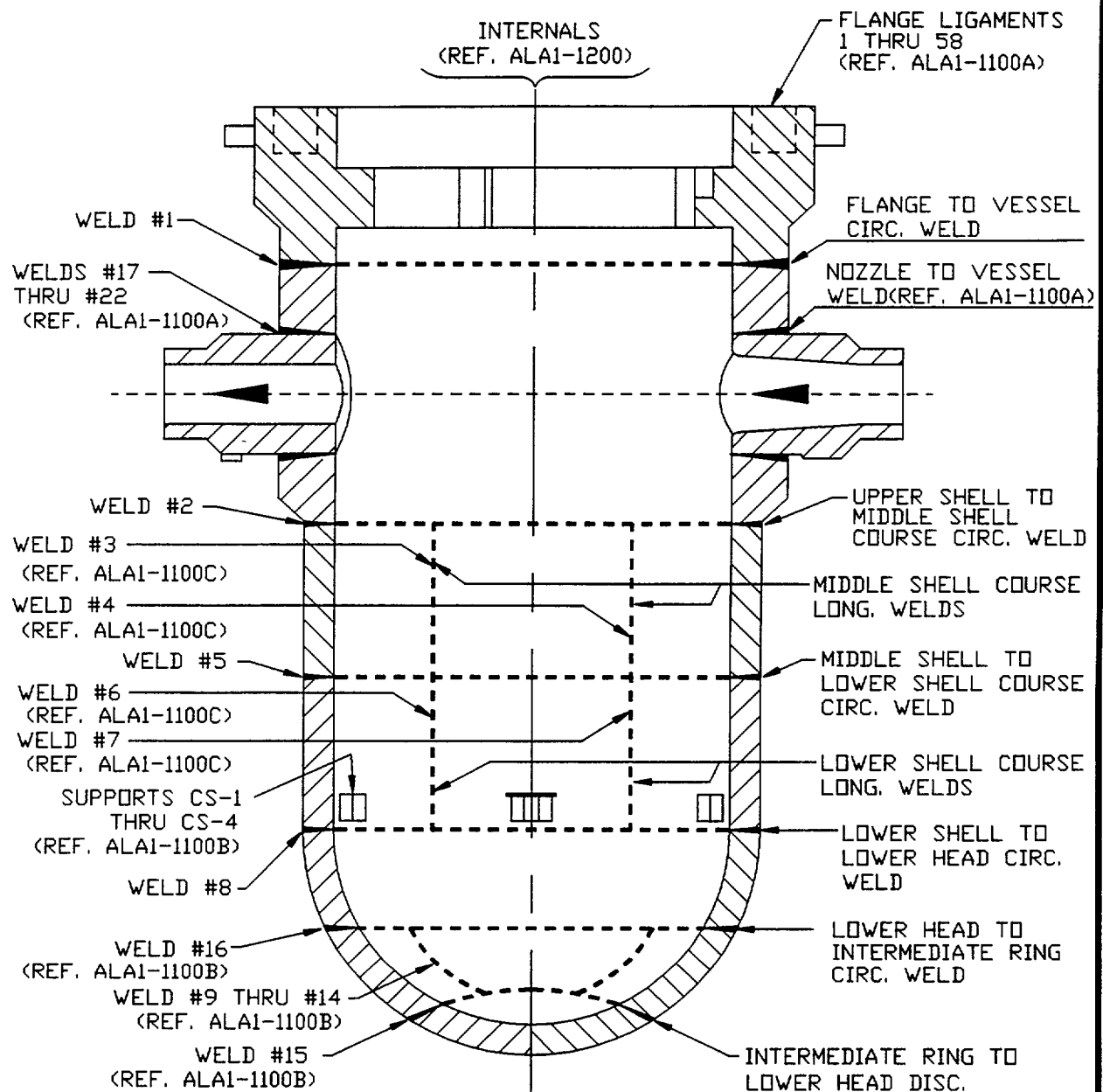
DRAWING ALA1-1100

REACTOR VESSEL

[illegible]

REACTOR VESSEL

ALA1-1100



WELD #	FNP. FIG.	CAL. BLOCK
1	001	ALA-RV-2 ALA-RV-5
2	001	ALA-RV-5
5	001	ALA-RV-5
8	001	ALA-RV-1

2	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV.0	LDT	DLG	DEV		
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162	CAB	CCM	VRH	AH	DLM
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for REACTOR VESSEL

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

1

2

ALA1100
AUTOCAD RAV-02

Farley Nuclear Plant
Support Examination Record VT-3

SHARED

FNP-0-NDE-100.23
Southern Nuclear Operating Company

Plant/ Unit Farley / 1	System/Support No ALA1-1100-CS-1	WO/WA/STP N/A	Sheet No. S01F1V111
Hanger Type RPV SUPPORT	Type Exam/Technique VT-3 / Remote	Procedure/Version FNP-0-NDE-100.23 / 5.0 / N/A	Exam Date 10/26/01
Examiner Signature Scott Erickson <i>Scott R. Erickson</i>	Level II	Resolution 1/32" Division (Scale) <input checked="" type="checkbox"/>	Tools camera, scale
Examiner Signature Paul DiValerio <i>Paul DiValerio</i>	Level II	Resolution 1/32" Line (Gray Card) <input type="checkbox"/>	

EXAMINATION LIST:

Acceptable/ Unacceptable/ NA

Sketch (if applicable)

Deformation or structural degradation of fasteners, springs, clamps, or other support items.

Acceptable

Missing, detached, or loosened support items.

Acceptable

Arc strikes, weld spatter, paint scoring, roughness, or general corrosion on close tolerance machined or sliding surfaces or on the wire strands of Wear devices.

N/A

Any crack or linear indication.

Acceptable

Fluid loss or lack of fluid indication (hydraulic snubber only).

N/A

Other conditions

N/A

Spring Can Hot and Cold Positions (draw sketch)

Time of Exam

N/A

Constant Spring Hanger

(Sketch setting of pointer and setting location of the hot (red) and cold (white) stickers)

Identification Plate Calibrated Load Setting

N/A

Comments: This exam is limited to the outer face of the support accessible from the "sandbox" area of each RPV nozzle. Due to the restrictive space and access, a remote video was made using a camcorder on an extension pole. In addition to the support, the concrete wall adjacent to and below the support was examined as delineated in Request for Relief No. RR-44, DGR 10-26-01

NDE Level II/III Review

Date:

ANII Review

Date:

J. E. Erickson J-II

10-26-01

C. G. Ward

10/26/01

Version 5.0

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Farley Nuclear Plant
Support Examination Record VT-3

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FNP-0-NDE-100.23
Southern Nuclear Operating Company

Plant/ Unit Farley / 1	System/Support No ALA1-1100-CS-2	WO/WA/STP N/A	Sheet No. S01F1V112
Header Type RPV SUPPORT	Type Exam/Technique VT-3 / Remote	Procedure/Version FNP-0-NDE-100.23 / 5.0 / N/A	Exam Date 10/26/01
Examiner Signature Scott Erickson <i>Scott R. Erickson</i>	Level II	Resolution 1/32" Division (Scale) <input checked="" type="checkbox"/>	Tools camera, scale
Examiner Signature Paul DiValerio <i>Paul DiValerio</i>	Level II	Resolution 1/32" Line (Gray Card) <input type="checkbox"/>	

EXAMINATION LIST:

Acceptable/ Unacceptable/ NA

Sketch (if applicable)

Deformation or structural degradation of fasteners, springs, clamps, or other support items.

Acceptable

Missing, detached, or loosened support items.

Acceptable

Arc strikes, weld spatter, paint scoring, roughness, or general corrosion on close tolerance machined or sliding surfaces or on the wire strands of Wear devices.

N/A

Any crack or linear indication.

Acceptable

Fluid loss or lack of fluid indication (hydraulic snubber only).

N/A

Other conditions

N/A

Spring Can Hot and Cold Positions (draw sketch)

Time of Exam

N/A

Constant Spring Hanger

(Sketch setting of pointer and setting location of the hot (red) and cold (white) stickers)

Identification Plate Calibrated Load Setting

N/A

Comments: This exam is limited to the outer face of the support accessible from the "sandbox" area of each RRV nozzle. Due to the restrictive space and access, a remote video was made using a camcorder on an extension pole. In addition to the support, the concrete wall adjacent to and below the support was examined as delineated in Request For Relief No. RR 44.

26w 10-26-01

NDE Level II/III Review

Date:

ANII Review

Date:

J. Eric Dyack 2-III

10-26-01

egward

10/26/01

Version 5.0

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Plant/ Unit Farley / 1	System/Support No ALA1-1100-CS-3	WO/WA/STP N/A	Sheet No. S01F1V113
Hanger Type RPV SUPPORT	Type Exam/Technique VT-3 / Remote	Procedure/Version FNP-0-NDE-100.23 / 5.0 / N/A	Exam Date 10/26/01
Examiner Signature Scott Erickson <i>Scott R. Erickson</i>	Level II	Resolution 1/32" Division (Scale) <input checked="" type="checkbox"/>	Tools camera, scale
Examiner Signature Paul DiValerio <i>Paul DiValerio</i>	Level II	1/32" Line (Gray Card) <input type="checkbox"/>	

EXAMINATION LIST:

Acceptable/ Unacceptable/ NA

Sketch (if applicable)

Deformation or structural degradation of fasteners, springs, clamps, or other support items.

Acceptable

Missing, detached, or loosened support items.

Acceptable

Arc strikes, weld spatter, paint scoring, roughness, or general corrosion on close tolerance machined or sliding surfaces or on the wire strands of Wear devices.

N/A

Any crack or linear indication.

Acceptable

Fluid loss or lack of fluid indication (hydraulic snubber only).

N/A

Other conditions

N/A

Spring Can Hot and Cold Positions (draw sketch)

Time of Exam

N/A

Constant Spring Hanger

(Sketch setting of pointer and setting location of the hot (red) and cold (white) stickers)

Identification Plate Calibrated Load Setting

N/A

Comments: This exam is limited to the outer face of the support accessible from the "sandbox" area of each RPV nozzle. Due to the restrictive space and access, a remote video was made using a camcorder on an extension pole. In addition to the support, the concrete wall adjacent to and below the support was examined as delineated in Request For Relief No. RR-44.

QEW 10-26-01

NDE Level II/III Review <i>J. E. O'Quinn L-III</i>	Date: 10-26-01	ANII Review <i>QEW</i>	Date: 10/26/01
Version 5.0			Page 1 of 1

Farley Nuclear Plant
Support Examination Record VT-3

SHARED

FNP-0-NDE-100.23
Southern Nuclear Operating Company

Plant/ Unit Farley / 1	System/Support No ALA1-1100-CS-4	WO/WA/STP N/A	Sheet No. S01F1V114
Hanger Type RPV SUPPORT	Type Exam/Technique VT-3 / Remote	Procedure/Version FNP-0-NDE-100.23 / 5.0 / N/A	Exam Date 10/26/01
Examiner Signature Scott Erickson <i>Scott R. Erickson</i>	Level II	Resolution 1/32" Division (Scale) <input checked="" type="checkbox"/>	Tools camera, scale
Examiner Signature Paul DiValerio <i>Paul DiValerio</i>	Level II	1/32" Line (Gray Card) <input type="checkbox"/>	

EXAMINATION LIST:

Acceptable/ Unacceptable/ NA

Sketch (if applicable)

Deformation or structural degradation of fasteners, springs, clamps, or other support items.

Acceptable

Missing, detached, or loosened support items.

Acceptable

Arc strikes, weld spatter, paint scoring, roughness, or general corrosion on close tolerance machined or sliding surfaces or on the wire strands of Wear devices.

N/A

Any crack or linear indication.

Acceptable

Fluid loss or lack of fluid indication (hydraulic snubber only).

N/A

Other conditions

N/A

Spring Can Hot and Cold Positions (draw sketch)

Time of Exam

N/A

Constant Spring Hanger
(Sketch setting of pointer and setting location of the hot (red) and cold (white) stickers)

Identification Plate Calibrated Load Setting

N/A

Comments: This exam is limited to the outer face of the support accessible from the "sandbox" area of each RPV nozzle. Due to the restrictive space and access, a remote video was made using a camcorder on an extension pole. In addition to the support, the concrete wall adjacent to and below the support was examined as delineated in Request for Relief No. RR-44.

NDE Level II/III Review

Date:

ANII Review

Date:

Version 5.0

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Farley Nuclear Plant
Support Examination Record VT-3

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FNP-0-NDE-100.23
Southern Nuclear Operating Company

Plant/ Unit Farley / 1	System/Support No ALA1-1100-CS-5	WO/WA/STP N/A	Sheet No. S01F1V115
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Hanger Type RPV SUPPORT	Type Exam/Technique VT-3 / Remote	Procedure/Version FNP-0-NDE-100.23 / 5.0 / N/A	Exam Date 10/26/01
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Examiner Signature Scott Erickson <i>Scott R. Erickson</i>	Level II	Resolution 1/32" Division (Scale) <input checked="" type="checkbox"/>	Tools camera, scale
Examiner Signature Paul DiValerio <i>Paul DiValerio</i>	Level II	1/32" Line (Gray Card) <input type="checkbox"/>	

EXAMINATION LIST:	Acceptable/ Unacceptable/ NA	Sketch (if applicable)
Deformation or structural degradation of fasteners, springs, clamps, or other support items.	Acceptable	
Missing, detached, or loosened support items.	Acceptable	
Arc strikes, weld spatter, paint scoring, roughness, or general corrosion on close tolerance machined or sliding surfaces or on the wire strands of Wear devices.	N/A	
Any crack or linear indication.	Acceptable	
Fluid loss or lack of fluid indication (hydraulic snubber only).	N/A	
Other conditions	N/A	
Spring Can Hot and Cold Positions (draw sketch)	Time of Exam N/A	
Constant Spring Hanger (Sketch setting of pointer and setting location of the hot (red) and cold (white) stickers)		
Identification Plate Calibrated Load Setting	N/A	

Comments: This exam is limited to the outer face of the support accessible from the "sandbox" area of each nozzle on the RPV. Due to the restrictive space and access, a remote video was made using a camcorder on an extension pole. In addition to the support, the concrete wall adjacent to and below the support was examined as delineated in Request For Relief No. RR-44.

NDE Level II/III Review <i>J. Eric O'Leary</i> A-III	Date: 10-26-01	ANII Review <i>CG</i>	Date: 10-26-01
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Farley Nuclear Plant
Support Examination Record VT-3

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FNP-0-NDE-100.23
Southern Nuclear Operating Company

Plant/ Unit Farley / 1	System/Support No ALA1-1100-CS-6	WOWA/STP	Sheet No. S01F1V116
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Hanger Type RPV SUPPORT	Type Exam/Technique VT-3 / Remote	Procedure/Version FNP-0-NDE-100.23 / 5.0 / N/A	Exam Date 10/26/01
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Examiner Signature Scott Erickson <i>Scott R. Erickson</i>	Level II	Resolution 1/32" Division (Scale) <input checked="" type="checkbox"/>	Tools camera, scale
Examiner Signature Paul DiValerio <i>Paul DiValerio</i>	Level II	Resolution 1/32" Line (Gray Card) <input type="checkbox"/>	

EXAMINATION LIST:	Acceptable/ Unacceptable/ NA	Sketch (if applicable)
Deformation or structural degradation of fasteners, springs, clamps, or other support items.	Acceptable	
Missing, detached, or loosened support items.	Acceptable	
Arc strikes, weld spatter, paint scoring, roughness, or general corrosion on close tolerance machined or sliding surfaces or on the wire strands of Wear devices.	N/A	
Any crack or linear indication.	Acceptable	
Fluid loss or lack of fluid indication (hydraulic snubber only).	N/A	
Other conditions	N/A	
Spring Can Hot and Cold Positions (draw sketch)	Time of Exam	N/A
Constant Spring Hanger (Sketch setting of pointer and setting location of the hot (red) and cold (white) stickers)		
Identification Plate Calibrated Load Setting	N/A	

Comments: This exam is limited to the outerface of the support accessible from the "sandbox" area of each RPV nozzle. Due to the restrictive space and access, a remote video was made using a camcorder on an extension pole. In addition to the support, the concrete wall adjacent to and below the support was examined as delineated in Request For Relief RR44.

NDE Level II/III Review <i>J. Erickson</i> J-III	Date: 10-26-01	ANII Review <i>1/4/01</i>	Date: 10/26/01
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**EXAMINATION SUMMARY
FOR UNIT 1
INTERVAL 3 PERIOD 2 OUTAGE 1**

**DRAWING ALA1-1300
REACTOR VESSEL CLOSURE HEAD**

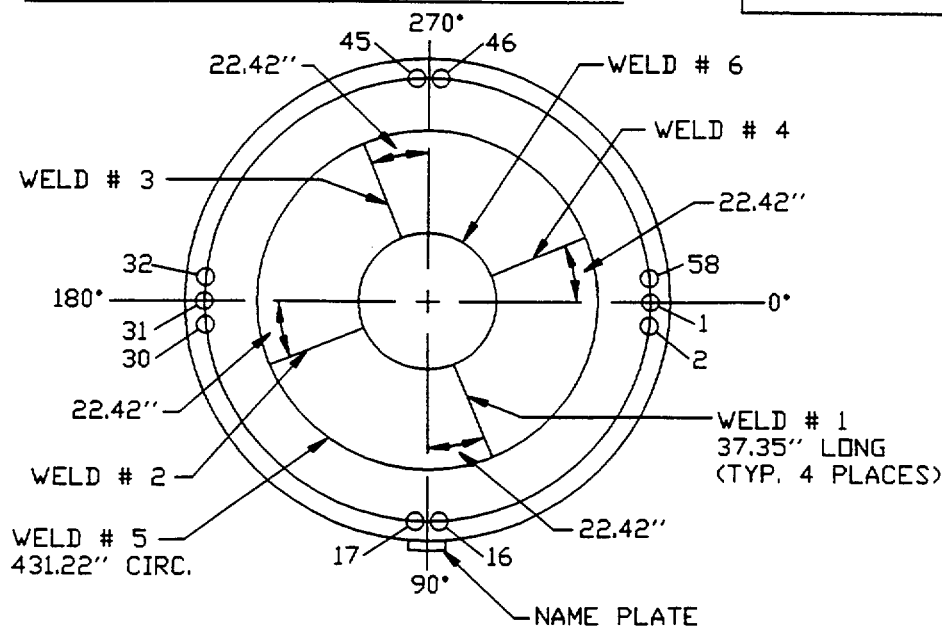
ITEM NO	VOLUMERIC			SURFACE			VISUAL			REMARKS
	NI	NRI	RI	NI	NRI	RI	NI	NRI	RI	
PEN. 53							X			
55				X						
S20	X			X						
S21	X			X						
S22	X			X						
S23	X			X						
S24	X			X						
S25	X			X						
S26	X			X						
S27	X			X						
S28	X			X						
S29	X			X						
S30	X			X						
S31	X			X						
S32	X			X						
S33	X			X						
S34	X			X						
S35	X			X						
S36	X			X						
S37	X			X						
S38	X			X						
N20							X			
N21							X			
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N34							X			
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DRAWING ALA1-1300
REACTOR VESSEL CLOSURE HEAD

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REACTOR VESSEL CLOSURE HEAD

ALA1-1300

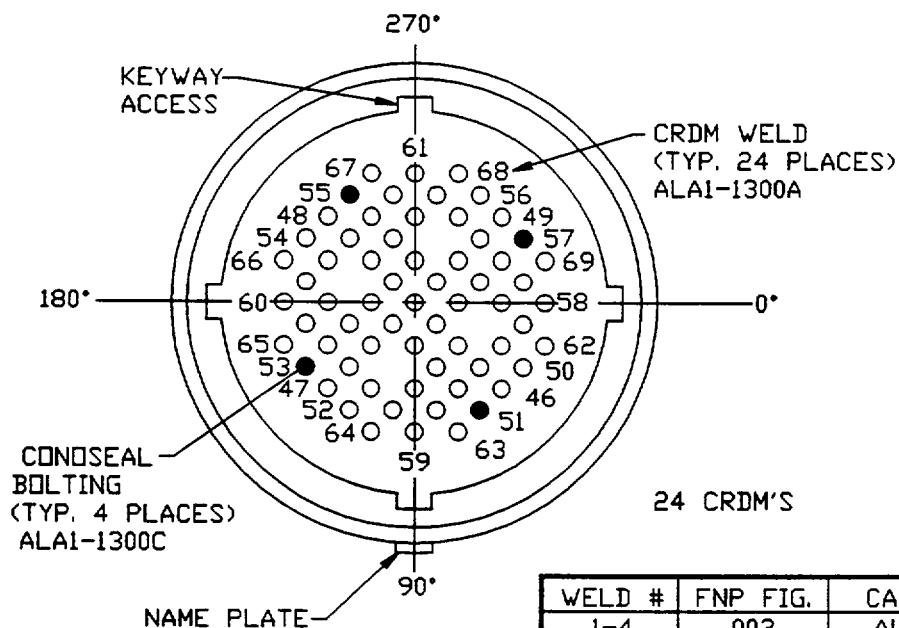


CLOSURE HEAD WELDS

WELDS #1 - #4: CLOSURE HEAD MERIDIONAL WELDS LOCATED 22.42" CCW FROM 0°-90°-180°-270° HEAD AXIS ON THE R.V. STUD BOLT CIRCLE.

WELD #5: DATUM FOR WELD LENGTH IS CENTERLINE OF STUD HOLE #1.

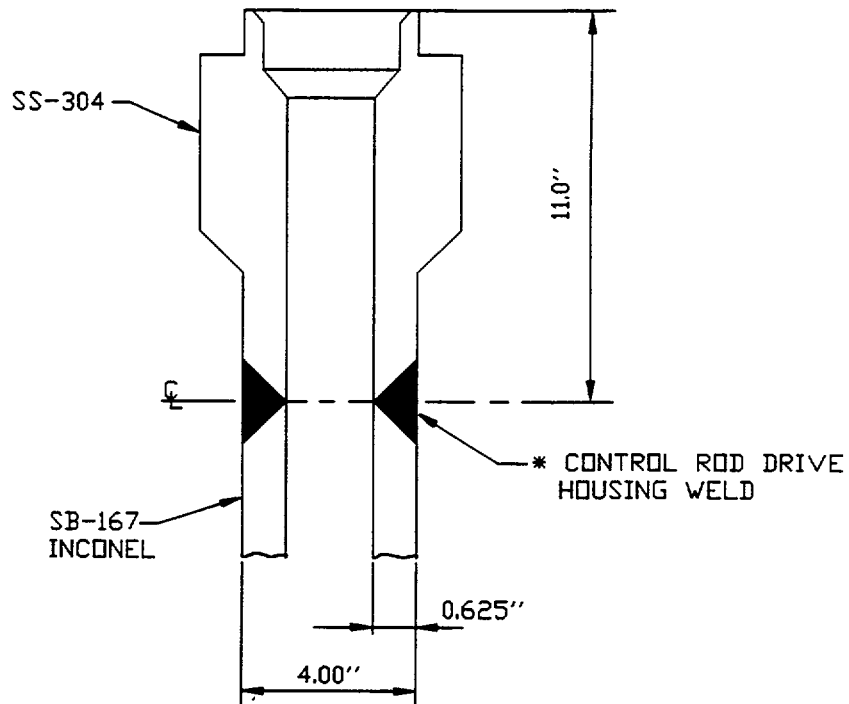
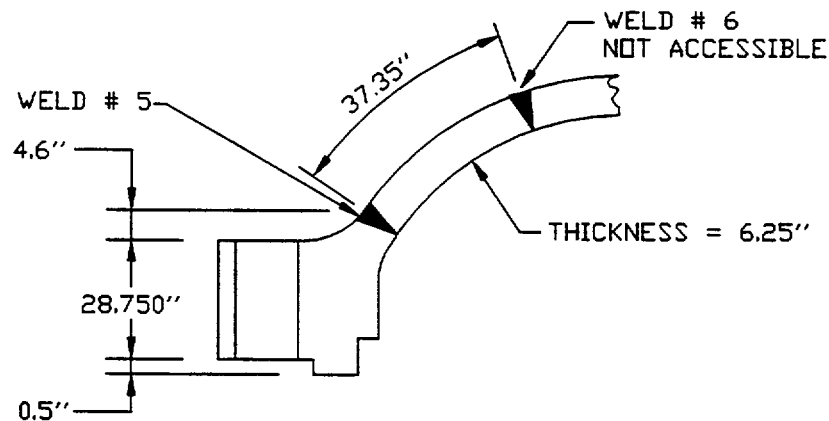
WELD #6: NOT ACCESSIBLE.



CAD ALA1300
AUTOCAD RAV-02

WELD #				FNP FIG.		CAL. BLOCK			
1-4				003		ALA RV-3			
1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV.0				LDT	
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162				CAB	
REV.	DATE	BY	CHK'D	DESCRIPTION				APPR.1	APPR.2
								APPR.3	APPR.4
Southern Company Services, Inc. for					REACTOR VESSEL				
ALABAMA POWER COMPANY					SCS DRAWING NUMBER		SHEET	REV.	
JOSEPH M. FARLEY NUCLEAR PLANT					A-351192		7	1	
UNIT 1									

ALA1-1300A

CRDM HOUSING WELDSCLOSURE HEAD WELDS

WELD #	FNP FIG.	CAL. BLOCK
* 1 THRU 69	022	N/A
5	005	ALA RV-3
6	003	ALA RV-3

1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG	DEV		
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162.	CAB	CCM	TOT	WRH	
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for REACTOR VESSEL

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

8

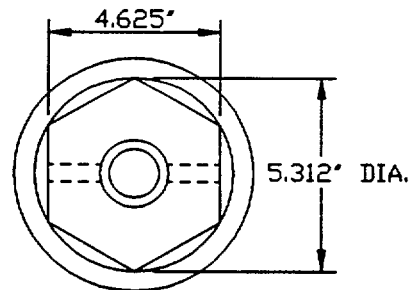
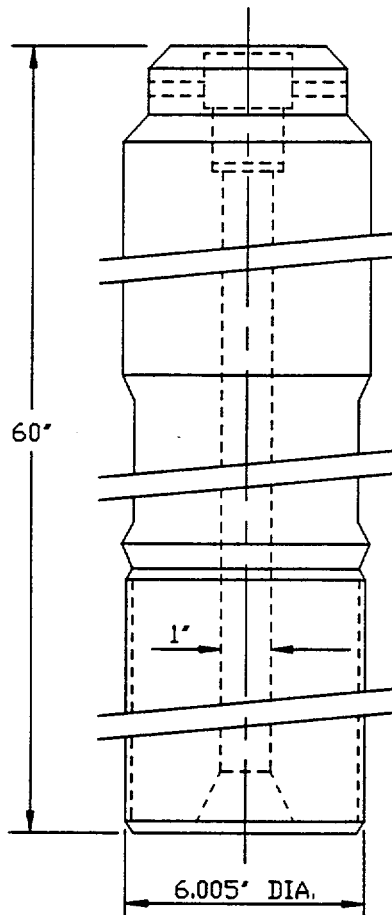
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CAD ALA1300A
AUTOCAD RAV-02

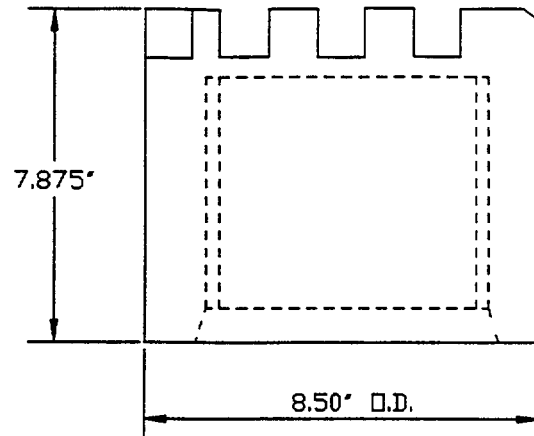
ALA1-1300B

REACTOR VESSEL STUDS, NUTS, AND WASHERS

STUD



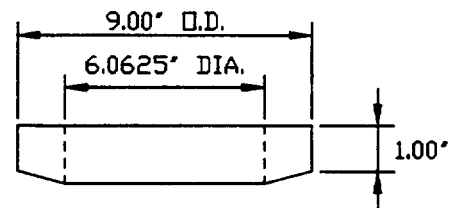
NUT



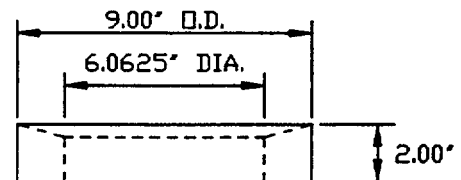
58 STUDS AND NUTS

58 WASHER SETS (2)

CONVEX WASHER



CONCAVE WASHER



CAD ALA1300B
AUTOCAD RAV-02

ITEM	FNP FIG.	CAL.	BLOCK
STUDS 1-58	016	ALA-36	

1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG	REV		
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162.	CAB	CCM	FOR	WRH	
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

REACTOR VESSEL

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

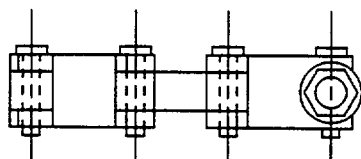
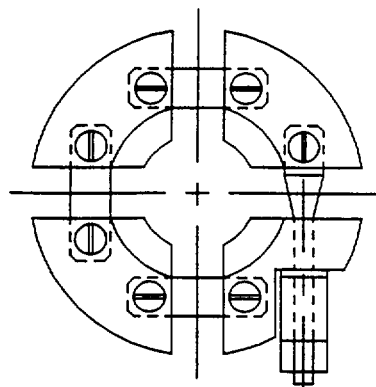
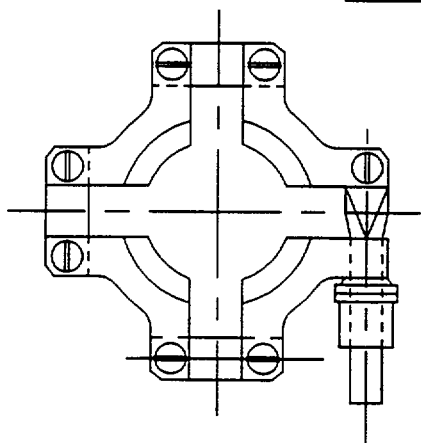
A-351192

9

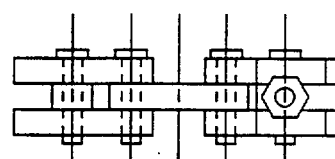
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ALA1-1300C

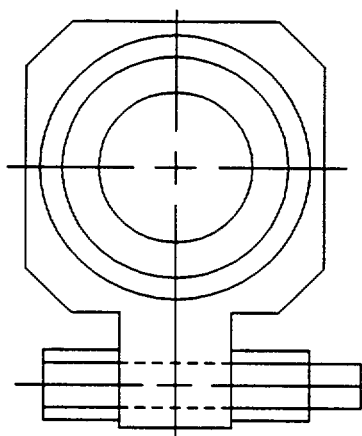
REACTOR VESSEL CLOSURE HEAD CONOSEAL BOLTING



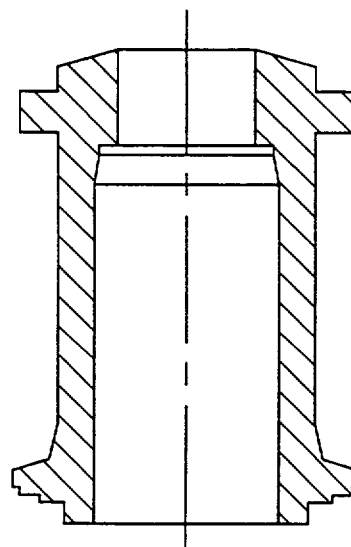
LOWER CLAMP



UPPER CLAMP



UPPER POSITIONER



MALE FLANGE

ASSEMBLIES	BOLTED UNITS PER ASSEMBLY	NO. BOLTS PER UNIT	TOTAL NO. BOLTS
4	3	1	12

1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG	REV		
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162.	CAB	CCM	for	VRH	
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

REACTOR VESSEL

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

10

1

CAD ALA1300C
AUTOCAD RAV-02

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-PEN 53 CRD HOUSING BOLTING		Drawing Number ALA1-1300		Sheet Number S01F1V105	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner Initial John W. Bell Sig. <i>John W. Bell</i> Examiner Initial James F. Halley Sig. <i>James F. Halley</i> Date (Month-Day-Year) 10/16/01		Level III

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
** Provide details on other areas examined							

Comments N/A

Reviewed By <i>J. Eric Aycock</i>	ANII Review <i>Ground</i>	Date <i>10/18/01</i>
	Level <i>III</i>	Date <i>10-17-01</i>

Unit 1	Component Number ALA1-1300-55	Procedure/Rev./TCN FNP-0-NDE-100.5 / 6.0 / N/A	Sheet No. S01F1P005	Page 1 of 1												
Thermometer Mfg/Ser. No. PTC / 43619 Cal. Due Date 2/25/02 Surface Temp. 88 ° F		Penetrant Materials <table><tr><td></td><td>Type</td><td>Batch</td></tr><tr><td>Cleaner / Remover</td><td>SKC-S</td><td>99J01K</td></tr><tr><td>Penetrant</td><td>SKL-SP</td><td>96J02K</td></tr><tr><td>Developer</td><td>SKD-S2</td><td>98D11K</td></tr></table>				Type	Batch	Cleaner / Remover	SKC-S	99J01K	Penetrant	SKL-SP	96J02K	Developer	SKD-S2	98D11K
	Type	Batch														
Cleaner / Remover	SKC-S	99J01K														
Penetrant	SKL-SP	96J02K														
Developer	SKD-S2	98D11K														
Component Configuration CRD HOUSING WELDS		% of Length Coverage 100%	% of Area Coverage 100% 10-17-01	Date 10/13/01												
Ind. No.	Results	Dwell Time	Indication Desc. / Exam Limitations / etc.	Remarks												
N/A	NI	12	N/A	NONE												

Primary Examiner John W. Bell	ASNT Level II	Initials JWB	Assistant Examiner N/A	ASNT Level N/A	Initials	Non-Technical Review Lynda Duke	Date 10-17-01
SNC NDE Level II/III Review J. Erin Dyck		Date 10-17-01	Percentage of Code Coverage 100%	ANII Review L. G. Ward		Date 10/18/01	Revision 6.

Unit 1	Sketch/Component Number ALA1-1300-S20	Date 10/13/01	Sheet No. S01F1U029	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A		Couplant/Batch No. Ultragel II 1	Thermometer SN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scans Calibration				Circ Scans Calibration			
Make/Model Staveley / SONIC 136			Transducer Mfg. Harisonic		Cal. Blk. No. ALA-36									
Serial 136-911K No.			Serial No. 4890		Thickness 55.75									
			Model No. A10		Cal. Temp 75 °F									
Ax dB			Size / No. .5		Cal. In 8:30:00 AM		NEAR (1)				Cal. Refl.			
Circ dB			Shape / Round		Cal. Chk. 0940		NOTCH				Signal Amp.			
Reference 36.8			Frequency/Mode 10 / Long.		Cal. Out 10:12:00 AM						Sweep Div.			
Scanning 48.8			"A" Dimension N/A		Ref. Blk. No. 796478						Wmax			
Pulser 50 ns			Nom Angle 0°		Reflector/dB BR						Cal. Refl.			
Frequency 10			Meas Angle 0		Amp/Sweep *20 % 6						Signal Amp.			
Rep Rate (1)(2)			Cable Type /No. Conn. RG58/0 /								Sweep Div.			
Mode LONG			Cable Length N/A								Wmax			
Filter 2														
Reject OFF														
Damping 500 O														

Comp Temp.	75 °F	Configuration -	REACTOR VESSEL STUDS				Wo Loc.	N/A				Lo Loc.	TOP OF STUD				
Scan Dir.	NI	Results	RI	Ind No.	% DAC	Length	L1	Lmax	L2	Ref. Measurements	Wmax	Smax	Thickness	1"←	C/L	→1"	Notes:
0	●	○	○														

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for Cal. Circ dB equals ZONE 2 for cal.
*ZONE 1 Amp/Sweep: 40% / 10

Total Length of Weld	NA	Crown Width	NA	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)							
				5 (L)	NA	2 (L)	NA	7 and 8 (W)	NA	5- From	NA	to NA	2- From	NA	to NA	From (5)	NA	to (2)	NA
Primary Examiner		Level		Initials		Assistant Examiner		Level		Initials		Non-Technical Review		Date					
George Morini		II		10/14/01		N/A		N/A				10/14/01		10-14-01					
SNC NDE Level II/III Review				Date		Percentage of Code Coverage		ANII Review		Date									
10/14/01				10-14-01		100		10/14/01		10/14/01									

Unit 1	Sketch/Component Number ALA1-1300-S21	Date 10/13/01	Sheet No. S01F1U032	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A		Couplant/Batch No. Ultragel II / 01125	ThermometerSN/Cal Due Date 43619 02.25.02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scans Calibration				Circ Scans Calibration			
Make/Model Staveley / SONIC 136			Transducer Mfg. Harisonic		Cal. Blk. No. ALA-36									
Serial 136-911K			Serial No. 4890		Thickness 55.75		Cal. Refl.				Cal. Refl.			
No.			Model No. A10		Cal. Temp 75 °F		Signal Amp.				Signal Amp.			
Ax dB			Size / No. .5		Cal. In 8:30:00 AM		Sweep Div.				Sweep Div.			
Circ dB			Shape / Round		Cal. Chk. 0937		Wmax				Wmax			
Reference 36.8			Frequency/Mode 10 / Long.		Cal. Out 10:12:00 AM		NEAR (1)				N/A			
Scanning 48.8			"A" Dimension N/A		Ref. Blk. No. 796478		NOTCH 80% 1.5 N/A				N/A			
Pulser 50 ns			Nom Angle 0° Meas Angle 0		Reflector/dB BR / Ref		FAR (2)				N/A			
Frequency 10			Cable Type /No. Conn. RG58/0 /		Amp/Sweep *20 % 6		NOTCH 80% 7.8 N/A				N/A			
Rep Rate (1)(2)			Cable Length N/A		Calibration Remarks:									
Mode LONG							(1) ZONE 1 - PRR - 1khz							
Filter 2							(2) ZONE 2 - PRR - 250 Hz							
Reject OFF							10-14-01							

Comp Temp. 75 °F		Configuration - REACTOR VESSEL STUDS				Wo Loc. N/A				Lo Loc. TOP OF STUD					
Scan Dir.		Results		Ind No.		% DAC		Length		Ref. Measurements		Thickness		Notes:	
NI		NRI		RI				L1 Lmax L2		Wmax Smax		1"← C/L →1"			
0		●		○											

Examination/Limitation Remarks: Axial dB equals ZONE 1for Cal; Circ dB equals ZONE 2 for Cal.
*ZONE 1 Amp/Sweep: 40% / 10

Total Length of Weld NA		Crown Width NA		Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)			
5 (L) NA		2 (L) NA		7 and 8 (W) NA				5- From NA to NA				2- From NA to NA			
From (5) NA		to (2) NA													
Primary Examiner		Level		Initials		Assistant Examiner		Level		Initials		Non-Technical Review		Date	
George Morini		II		[Signature]		N/A		N/A		[Signature]		[Signature]		10-14-01	
SNC NDE Level II/III Review		Date		Percentage of Code Coverage		ANII Review		Date							
[Signature]		10-14-01		100		[Signature]		10/14/01							

Unit 1	Sketch/Component Number ALA1-1300-S22	Date 10/13/01	Sheet No. S01F1U033	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A		Couplant/Batch No. Ultragel II / 01125	ThermometerSN/Cal Due Date 43619 02-95-02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scans Calibration				Circ Scans Calibration			
Make/Model Staveley / SONIC 136			Transducer Mfg. Harisonic		Cal. Blk. No. ALA-36									
Serial 136-911K			Serial No. 4890		Thickness 55.75		Cal. Refl.				Cal. Refl.			
No.			Model No. A10		Cal. Temp 75 °F		Signal Amp.				Signal Amp.			
Ax dB			Size / No. .5		Cal. In 8:30:00 AM		Sweep Div.				Sweep Div.			
Circ dB			Shape / Round		Cal. Chk. 0933		Wmax				Wmax			
Reference 36.8			Frequency/Mode 10 / Long.		Cal. Out 10:12:00 AM		NEAR (1)				N/A			
Scanning 48.8			"A" Dimension N/A		Ref. Blk. No. 796478		NOTCH 80%				N/A			
Pulser 50 ns			Nom Angle 0°		Reflector/dB BR / Ref		FAR (2)				N/A			
Frequency 10			Meas Angle 0		Amp/Sweep *20 % 6		NOTCH 80%				N/A			
Rep Rate (1)(2)			Cable Type /No. Conn. RG58/0 /		Calibration Remarks:									
Mode LONG			Cable Length N/A				(1) ZONE 1 - PRR - 1khz							
Filter 2							(2) ZONE 2 - PRR - 250 Hz							
Reject OFF							Del 10-14-01							

Comp Temp.	75 °F	Configuration -	REACTOR VESSEL STUDS				Wo Loc.	N/A				Lo Loc.	TOP OF STUD			
Scan Dir.	NI	Results	Ind No.	% DAC	Length	Ref. Measurements	Thickness	Notes:								
					L1 Lmax L2	Wmax Smax	1"← C/L →1"									
0	●	○	○													

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for Cal; CIRC dB equals ZONE 2 for Cal
*ZONE 1 Amp/Sweep 40% / 10

Total Length of Weld	NA	Crown Width	NA	Total Length of Weld Examined			Extent of Perpendicular Scans (W)			Extent of Parallel Scans (L)		
				5 (L) NA	2 (L) NA	7 and 8 (W) NA	5- From NA	to NA	2- From NA	to NA	From (5) NA	to (2) NA
Primary Examiner	Level	Initials	Assistant Examiner	Level	Initials	Non-Technical Review			Date			
George Morini	II	AK12	N/A	N/A		Darryl Lefthas			10-14-01			
SNC NDE Level II/III Review	Date	Percentage of Code Coverage	ANII Review	Date								
Darryl Lefthas	10-14-01	100		10-14-01								

Unit 1	Sketch/Component Number ALA1-1300-S23	Date 10/13/01	Sheet No. S01F1U034	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A		Couplant/Batch No. Ultragel II / 01125	Thermometer SN/Cal Due Date 43619 10/13/01 10/25/02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scans Calibration				Circ Scans Calibration			
Make/Model Staveley / SONIC 136			Transducer Mfg. Harisonic		Cal. Blk. No. ALA-36									
Serial 136-911K			Serial No. 4890		Thickness 55.75		Cal. Refl.				Cal. Refl.			
No.			Model No. A10		Cal. Temp 75 °F		Signal Amp.				Signal Amp.			
Ax dB			Size / No. .5		Cal. In 8:30:00 AM		Sweep Div.				Sweep Div.			
Circ dB			Shape / Round		Cal. Chk. 0927		Wmax				Wmax			
Reference 36.8			Frequency/Mode 10 / Long.		Cal. Out 10:12:00 AM		NEAR (1)				NEAR (1)			
Scanning 48.8			"A" Dimension N/A		Ref. Blk. No. 796478		NOTCH 80%				NOTCH 80%			
Pulser 50 ns			Nom Angle 0°		Reflector/dB BR / Ref		FAR (2)				FAR (2)			
Frequency 10			Meas Angle 0		Amp/Sweep *20 % 6		NOTCH 80%				NOTCH 80%			
Rep Rate (1)(2)			Cable Type /No. Conn. RG58/0 /				Calibration Remarks:							
Mode LONG			Cable Length N/A				(1) ZONE 1 - PRR - 1khz							
Filter 2							(2) ZONE 2 - PRR - 250 Hz							
Reject OFF							10/14/01							

Comp Temp. 75 °F		Configuration - REACTOR VESSEL STUDS		Wo Loc. N/A		Lo Loc. TOP OF STUD	
Scan Dir.	Results	Ind No.	% DAC	Length	Ref. Measurements	Thickness	Notes:
NI	NRI	RI		L1 Lmax L2	Wmax Smax	1"← C/L →1"	
0	●	○	○				

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for Cal; CIRC dB equals ZONE 2 for Cal
*ZONE 1 Amp/Sweep 40% / 10

Total Length of Weld NA	Crown Width NA	Total Length of Weld Examined			Extent of Perpendicular Scans (W)			Extent of Parallel Scans (L)		
		5 (L) NA 2 (L) NA 7 and 8 (W) NA	5- From NA to NA 2- From NA to NA			From (5) NA to (2) NA				
Primary Examiner George Morini	Level II	Initials GMM	Assistant Examiner N/A	Level N/A	Initials	Non-Technical Review D. L. Lefter	Date 10-14-01			
SNC NDE Level II/III Review D. L. Lefter	Date 10-14-01	Percentage of Code Coverage 100	ANII Review C. J. W. H. H.	Date 10/14/01	Revision 4.0					

Unit 1	Sketch/Component Number ALA1-1300-S24	Date 10/13/01	Sheet No. S01F1U035	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A		Couplant/Batch No. Ultrage II / 01125	Thermometer SN/Cal Due Date 43619 10-25-01	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scans Calibration				Circ Scans Calibration			
Make/Model Staveley / SONIC 136			Transducer Mfg. Harisonic		Cal. Blk. No. ALA-36									
Serial 136-911K No.			Serial No. 4890		Thickness 55.75		Cal. Refl.				Cal. Refl.			
			Model No. A10		Cal. Temp 75 °F		Signal Amp.				Signal Amp.			
Ax dB			Size / No. .5		Cal. In 8:30:00 AM		Sweep Div.				Sweep Div.			
Circ dB			Shape / Round		Cal. Chk. 0923		Wmax				Wmax			
Reference 36.8			Frequency/Mode 10 / Long.		Cal. Out 10:12:00 AM		NEAR (1)				N/A			
Scanning 48.8			"A" Dimension N/A		Ref. Blk. No. 796478		NOTCH 80%				N/A			
Pulser 50 ns			Nom Angle 0°		Reflector/dB BR / Ref		FAR (2)				N/A			
Frequency 10			Meas Angle 0		Amp/Sweep *20 % 6		NOTCH 80%				N/A			
Rep Rate (1)(2)			Cable Type /No. Conn. RG58/0 /				Calibration Remarks:							
Mode LONG			Cable Length N/A				(1) ZONE 1 - PRR - 1khz							
Filter 2							(2) ZONE 2 - PRR - 250 Hz							
Reject OFF							10-14-01							

Comp Temp. 75 °F	Configuration - REACTOR VESSEL STUDS	Wo Loc. NA	Lo Loc. TOP OF STUD
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Scan Dir.	NI	NRI	RI	Ind No.	% DAC	Length			Ref. Measurements		Thickness			Notes:
						L1	Lmax	L2	Wmax	Smax	1"←	C/L	→1"	
0	●	○	○											

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for Cal; CIRC dB equals ZONE 2 for Cal
*ZONE 1 Amp/Sweep 40% / 10

Total Length of Weld NA	Crown Width NA	Total Length of Weld Examined			Extent of Perpendicular Scans (W)			Extent of Parallel Scans (L)		
		5 (L) NA	2 (L) NA	7 and 8 (W) NA	5- From NA	to NA	2- From NA	to NA	From (5) NA	to (2) NA

Primary Examiner	Level	Initials	Assistant Examiner	Level	Initials	Non-Technical Review	Date
George Morini	II	GM	N/A	N/A		George Morini	10-14-01

SNC NDE Level II/III Review	Date	Percentage of Code Coverage	ANII Review	Date
George Morini	10-14-01	100	George Morini	10/14/01

Unit 1	Sketch/Component Number ALA1-1300-S25	Date 10/13/01	Sheet No. S01F1U036	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A		Couplant/Batch No. Ultragel II / 01125	Thermometer/SN/Cal Due Date 43619 / 10-25-01	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scans Calibration				Circ Scans Calibration			
Make/Model Staveley / SONIC 136			Transducer Mfg. Harisonic		Cal. Blk. No. ALA-36									
Serial 136-911K			Serial No. 4890		Thickness 55.75		Cal. Refl.				Cal. Refl.			
No.			Model No. A10		Cal. Temp 75 °F		Signal Amp.				Signal Amp.			
Ax dB			Size / No. .5		Cal. In 8:30:00 AM		Sweep Div.				Sweep Div.			
Circ dB			Shape / Round		Cal. Chk. 0920		Wmax				Wmax			
Reference 36.8			Frequency/Mode 10 / Long.		Cal. Out 10:12:00 AM		NEAR (1)				N/A			
Scanning 48.8			"A" Dimension N/A		Ref. Blk. No. 796478		NOTCH 80%				N/A			
Pulser 50 ns			Nom Angle 0°		Reflector/dB BR / Ref.		FAR (2)							
Frequency 10			Cable Type /No. Conn. RG58/0 /		Amp/Sweep *20 % 6		NOTCH 80%				N/A			
Rep Rate (1)(2)			Cable Length N/A				Calibration Remarks:							
Mode LONG							(1) ZONE 1 - PRR - 1khz							
Filter 2							(2) ZONE 2 - PRR - 250 Hz							
Reject OFF							10-14-01							

Comp Temp. 75 °F	Configuration - REACTOR VESSEL STUDS				Wo Loc. NA				Lo Loc. TOP OF STUD				
Scan Dir.	Results			Ind No.	% DAC	Length		Ref. Measurements		Thickness		Notes:	
	NI	NRI	RI			L1	Lmax	L2	Wmax	Smax	1" <-	C/L	-> 1"
0	●	○	○										

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for cal; CIRC dB equals ZONE 2 for cal.
*Zone 1 Amp/Sweep 40% / 10

Total Length of Weld NA	Crown Width NA	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)			
		5 (L) NA	2 (L) NA	7 and 8 (W) NA		5- From NA	to NA	2- From NA	to NA	From (5) NA	to (2) NA		
Primary Examiner	Level	Initials	Assistant Examiner		Level	Initials	Non-Technical Review		Date				
George Morini	II	GM	N/A		N/A		Daryl Loftus		10-14-01				
SNC NDE Level II/III Review	Date	Percentage of Code Coverage	ANII Review		Date								
Daryl Loftus	10-14-01	100	EJ Wanch		10/14/01								

Unit 1	Sketch/Component Number ALA1-1300-S26	Date 10/13/01	Sheet No. S01F1U037	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A		Couplant/Batch No. Ultragel II / 01125	Thermometer SN/Cal Due Date 43619 10-13-01 / 02-25-02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scans Calibration				Circ Scans Calibration			
Make/Model Staveley / SONIC 136			Transducer Mfg. Harisonic		Cal. Blk. No. ALA-36									
Serial 136-911K			Serial No. 4890		Thickness 55.75		Cal. Refl.				Cal. Refl.			
No.			Model No. A10		Cal. Temp 75 °F		Signal Amp.				Signal Amp.			
Ax dB			Size / No. .5		Cal. In 8:30:00 AM		Sweep Div.				Sweep Div.			
Circ dB			Shape / Round		Cal. Chk. 0916		Wmax				Wmax			
Reference 36.8			Frequency/Mode 10 / Long.		Cal. Out 10:12:00 AM		NEAR (1)				N/A			
Scanning 48.8			"A" Dimension N/A		Ref. Blk. No. 796478		NOTCH 80%				N/A			
Pulser 50 ns			Nom Angle 0°		Reflector/dB BR / Ref.		FAR (2)							
Frequency 10			Cable Type /No. Conn. RG58/0 /		Amp/Sweep *20 % 6		NOTCH 80%				N/A			
Rep Rate (1)(2)			Cable Length N/A				Calibration Remarks:							
Mode LONG							(1) ZONE 1 - PRR - 1khz							
Filter 2							(2) ZONE 2 - PRR - 250 Hz							
Reject OFF														

Comp Temp. 75 °F	Configuration - REACTOR VESSEL STUDS				Wo Loc. NA				Lo Loc. TOP OF STUD				
Scan Dir.	Results			Ind No.	% DAC	Length		Ref. Measurements		Thickness		Notes:	
	NI	NRI	RI			L1	Lmax	L2	Wmax	Smax	1"←	C/L	→1"
0	●	○	○										

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for Cal; CIRC dB equals ZONE 2 for Cal.
*ZONE 1 Amp/Sweep 40% / 10

Total Length of Weld NA	Crown Width NA	Total Length of Weld Examined			Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)			
		5 (L) NA	2 (L) NA	7 and 8 (W) NA	5- From NA	to NA	2- From NA	to NA	From (5) NA	to (2) NA		
Primary Examiner	Level II	Initials	Assistant Examiner		Level	Initials	Non-Technical Review		Date			
George Morini			N/A		N/A		Sergio A. Lopez		10-14-01			
SNC NDE Level II/III Review	Date		Percentage of Code Coverage		ANII Review		Date					
	10-14-01		100		C. J. Ward		10/14/01					

Unit 1	Sketch/Component Number ALA1-1300-S27				Date 10/13/01		Sheet No. S01F1U038		Page 1 of 1				
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A				Couplant/Batch No. Ultragel II / 01125		Thermometer SN/Cal Due Date 43619 347 10 14 01 02 02 02		Linearity Sheet No. S01F1L001					
Instrument Make/Model Staveley / SONIC 136 Serial 136-911K No.			Search Unit Transducer Mfg. Harisonic Serial No. 4890 Model No. A10 Size / No. .5 Shape / Round Frequency/Mode 10 / Long. "A" Dimension N/A Nom Angle 0° Meas Angle 0 Cable Type /No. Conn. RG58/0 / Cable Length N/A			Calibration Block Cal. Blk. No. ALA-36 Thickness 55.75 Cal. Temp 75 °F Cal. In 8:30:00 AM Cal. Chk. 0912 Cal. Out 10:12:00 AM Ref. Blk. No. 796478 Reflector/dB BR / Ref. Amp/Sweep *20 % 6			Axial Scans Calibration Cal. Refl. Signal Amp. Sweep Div. Wmax NEAR (1) NOTCH 80% 1.5 N/A FAR (2) NOTCH 80% 7.8 N/A		Circ Scans Calibration Cal. Refl. Signal Amp. Sweep Div. Wmax N/A		
Reference 36.8 Ax dB 65.4 Circ dB Scanning 48.8 Pulser 50 ns Frequency 10 Rep Rate (1)(2) Mode LONG Filter 2 Damping 500 O Reject OFF									Calibration Remarks: (1) ZONE 1 - PRR - 1khz (2) ZONE 2 - PRR - 250 Hz 10-14-01				
Comp Temp. 75 °F			Configuration - REACTOR VESSEL STUDS			Wo Loc. NA			Lo Loc. TOP OF STUD				
Scan Dir.		Results		Ind No.		Length		Ref. Measurements		Thickness		Notes:	
NI		NRI		RI		L1 Lmax L2		Wmax Smax		1"← C/L →1"			
0		● ○ ○											

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for Cal.; CIRC dB equals ZONE 2 for Cal.
*ZONE 1 Amp/Sweep 40% / 10

Total Length of Weld NA		Crown Width NA		Total Length of Weld Examined 5 (L) NA 2 (L) NA 7 and 8 (W) NA				Extent of Perpendicular Scans (W) 5- From NA to NA 2- From NA to NA				Extent of Parallel Scans (L) From (5) NA to (2) NA			
Primary Examiner George Morini		Level II		Initials GMM		Assistant Examiner N/A		Level N/A		Initials		Non-Technical Review Daryl A. Leftner		Date 10-14-01	
SNC NDE Level II/III Review Daryl A. Leftner				Date 10-14-01		Percentage of Code Coverage 100		ANII Review C. G. W. and				Date 10/14/01		Revision 4.0	

Unit 1	Sketch/Component Number ALA1-1300-S28				Date 10/13/01		Sheet No. S01F1U039		Page 1 of 1			
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A				Couplant/Batch No. Ultragel II / 01125		Thermometer/SN/Cal Due Date 43619 10/14/01		Linearity Sheet No. S01F1L001				
Instrument Make/Model Staveley / SONIC 136 Serial 136-911K No.			Search Unit Transducer Mfg. Harisonic Serial No. 4890 Model No. A10 Size / No. .5 Shape / Round Frequency/Mode 10 / Long. "A" Dimension N/A Nom Angle 0° Meas Angle 0 Cable Type /No. Conn. RG58/0 / Cable Length N/A			Calibration Block Cal. Blk. No. ALA-36 Thickness 55.75 Cal. Temp 75 °F Cal. In 8:30:00 AM Cal. Chk. 0855 Cal. Out 10:12:00 AM Ref. Blk. No. 796478 Reflector/dB BR / Ref Amp/Sweep *20 % 6			Axial Scans Calibration Cal. Refl. Signal Amp. Sweep Div. Wmax NEAR (1) NOTCH 80% 1.5 N/A FAR (2) NOTCH 80% 7.8 N/A		Circ Scans Calibration Cal. Refl. Signal Amp. Sweep Div. Wmax N/A	
Reference 36.8 Ax dB 65.4 Circ dB Scanning 48.8 Pulser 50 ns Frequency 10 Rep Rate (1)(2) Mode LONG Filter 2 Damping 500 O Reject OFF									Calibration Remarks: (1) ZONE 1 - PRR - 1khz (2) ZONE 2 - PRR - 250 Hz Dad 10-14-01			
Comp Temp. 75 °F			Configuration - REACTOR VESSEL STUDS			Wo Loc. NA			Lo Loc. TOP OF STUD			
Scan Dir.		Results		Ind No.	% DAC	Length		Ref. Measurements		Thickness		Notes:
						L1 Lmax L2		Wmax Smax		1" <- C/L -> 1"		
0		● ○ ○										

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for Cal.; CIRC dB equals ZONE 2 for Cal.
*ZONE 1 Amp/Sweep 40% / 10

Total Length of Weld NA		Crown Width NA		Total Length of Weld Examined 5 (L) NA 2 (L) NA 7 and 8 (W) NA				Extent of Perpendicular Scans (W) 5- From NA to NA 2- From NA to NA				Extent of Parallel Scans (L) From (5) NA to (2) NA			
Primary Examiner George Morini		Level II		Initials GMM		Assistant Examiner N/A		Level N/A		Initials		Non-Technical Review George Morini		Date 10-14-01	
SNC NDE Level II/III Review George Morini				Date 10-14-01		Percentage of Code Coverage 100		ANII Review GMM				Date 10/14/01		Revision 4.0	

Unit 1	Sketch/Component Number ALA1-1300-S29				Date 10/13/01	Sheet No. S01F1U040		Page 1 of 1				
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A			Couplant/Batch No. Ultragel II / 01125		Thermometer SN/Cal Due Date 43619 10/14/01		Linearity Sheet No. S01F1L001					
Instrument Make/Model Staveley / SONIC 136 Serial 136-911K No.			Search Unit Transducer Mfg. Harisonic Serial No. 4890 Model No. A10 Size / No. .5 Shape / Round Frequency/Mode 10 / Long. "A" Dimension N/A Nom Angle 0° Meas Angle 0 Cable Type /No. Conn. RG58/0 / Cable Length N/A		Calibration Block Cal. Blk. No. ALA-36 Thickness 55.75 Cal. Temp 75 °F Cal. In 8:30:00 AM Cal. Chk. 0900 Cal. Out 10:12:00 AM Ref. Blk. No. 796478 Reflector/dB BR / Ref. Amp/Sweep *20 % 6		Axial Scans Calibration Cal. Refl. Signal Amp. Sweep Div. Wmax NEAR (1) NOTCH 80% 1.5 N/A FAR (2) NOTCH 80% 7.8 N/A Calibration Remarks: (1) ZONE 1 - PRR - 1khz (2) ZONE 2 - PRR - 250 Hz		Circ Scans Calibration Cal. Refl. Signal Amp. Sweep Div. Wmax N/A			
Reference 36.8 Scanning 48.8 Pulser 50 ns Frequency 10 Rep Rate (1)(2) Mode LONG Filter 2 Damping 500 O Reject OFF			Comp Temp. 75 °F Configuration - REACTOR VESSEL STUDS		Wo Loc. NA		Lo Loc. TOP OF WELD					
Scan Dir.	Results NI NRI RI			Ind No.	% DAC	Length L1 Lmax L2		Ref. Measurements Wmax Smax		Thickness 1"← C/L →1"		Notes:
0	● ○ ○											

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for Cal.; CIRC dB equals ZONE 2 for Cal.
*ZONE 1 Amp/Sweep 40% / 10

Total Length of Weld NA		Crown Width NA		Total Length of Weld Examined 5 (L) NA 2 (L) NA 7 and 8 (W) NA			Extent of Perpendicular Scans (W) 5- From NA to NA 2- From NA to NA			Extent of Parallel Scans (L) From (5) NA to (2) NA					
Primary Examiner George Morini		Level II		Initials [Signature]		Assistant Examiner N/A		Level N/A		Initials		Non-Technical Review [Signature]		Date 10-14-01	
SNC NDE Level II/III Review [Signature]				Date 10-14-01		Percentage of Code Coverage 100		ANII Review [Signature]						Date 10/14/01	

Unit 1	Sketch/Component Number ALA1-1300-S30	Date 10/13/01	Sheet No. S01F1U041	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A		Couplant/Batch No. Ultragel II / 01125	Thermometer SN/Cal Due Date 43619 / 02.25.02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scans Calibration				Circ Scans Calibration			
Make/Model Staveley / SONIC 136			Transducer Mfg. Harisonic		Cal. Blk. No. ALA-36									
Serial No. 136-911K			Serial No. 4890		Thickness 55.75		Cal. Refl.				Cal. Refl.			
No.			Model No. A10		Cal. Temp 75 °F		Signal Amp.				Signal Amp.			
Ax dB			Size / No. .5		Cal. In 8:30:00 AM		Sweep Div.				Sweep Div.			
Circ dB			Shape / Round		Cal. Chk. 0905		Wmax				Wmax			
Reference 36.8			Frequency/Mode 10 / Long.		Cal. Out 10:12:00 AM		NEAR (1)				N/A			
Scanning 48.8			"A" Dimension N/A		Ref. Blk. No. 796478		NOTCH 80%				N/A			
Pulser 50 ns			Nom Angle 0°		Reflector/dB BR / Ref		FAR (2)							
Frequency 10			Meas Angle 0		Amp/Sweep *20 % 6		NOTCH 80%				N/A			
Rep Rate (1)(2)			Cable Type /No. Conn. RG58/0 /				Calibration Remarks:							
Mode LONG			Cable Length N/A				(1) ZONE 1 - PRR - 1khz							
Filter 2							(2) ZONE 2 - PRR - 250 Hz							
Reject OFF														

Comp Temp. 75 °F		Configuration - REACTOR VESSEL STUDS				Wo Loc. NA				Lo Loc. TOP OF STUD			
Scan Dir.	Results			Ind No.	% DAC	Length		Ref. Measurements		Thickness		Notes:	
	NI	NRI	RI			L1	Lmax	L2	Wmax	Smax	1" <-	C/L	-> 1"
0	●	○	○										

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for Cal.; CIRC dB equals ZONE 2 for Cal.
*ZONE 1 Amp/Sweep 40% / 10

Total Length of Weld NA		Crown Width NA		Total Length of Weld Examined 5 (L) NA 2 (L) NA 7 and 8 (W) NA				Extent of Perpendicular Scans (W) 5- From NA to NA 2- From NA to NA				Extent of Parallel Scans (L) From (5) NA to (2) NA			
Primary Examiner George Morini		Level II		Initials		Assistant Examiner N/A		Level N/A		Initials		Non-Technical Review		Date 10-14-01	
SNC NDE Level II/III Review		Date 10-14-01		Percentage of Code Coverage 100		ANII Review		Date 10/14/01							

Unit 1	Sketch/Component Number ALA1-1300-S31	Date 10/13/01	Sheet No. S01F1U042	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A		Couplant/Batch No. Ultragel II / 01125	Thermometer SN/Cal Due Date 43619 / 10-14-01	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scans Calibration				Circ Scans Calibration			
Make/Model Staveley / SONIC 136			Transducer Mfg. Harisonic		Cal. Blk. No. ALA-36									
Serial 136-911K			Serial No. 4890		Thickness		Cal. Refl.				Cal. Refl.			
No.			Model No. A10		Cal. Temp 75 °F		Signal Amp.				Signal Amp.			
Ax dB			Size / No. .5		Cal. In 8:30:00 AM		Sweep Div.				Sweep Div.			
Circ dB			Shape / Round		Cal. Chk. 0909		Wmax				Wmax			
Reference 36.8			Frequency/Mode 10 / Long.		Cal. Out 10:12:00 AM		NEAR (1)				NEAR (1)			
Scanning 48.8			"A" Dimension N/A		Ref. Blk. No. 796478		NOTCH 80%				NOTCH 80%			
Pulser 50 ns			Nom Angle 0°		Reflector/dB BR / Ret.		FAR (2)				FAR (2)			
Frequency 10			Meas Angle 0		Amp/Sweep *20 % 6		NOTCH 80%				NOTCH 80%			
Rep Rate (1)(2)			Cable Type /No. Conn. RG58/0 /				Calibration Remarks:							
Mode LONG			Cable Length N/A				(1) ZONE 1 - PRR - 1khz							
Filter 2							(2) ZONE 2 - PRR - 250 Hz							
Reject OFF														

Comp Temp. 75 °F		Configuration - REACTOR VESSEL STUDS		Wo Loc. NA		Lo Loc. TOP OF STUD			
Scan Dir.	NI	NRI	RI	Ind No.	% DAC	Length L1 Lmax L2	Ref. Measurements Wmax Smax	Thickness 1"← C/L →1"	Notes:
0	●	○	○						

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for Cal.; CIRC dB equals ZONE 2 for Cal.
*ZONE 1 Amp/Sweep 40% / 10

Total Length of Weld NA		Crown Width NA		Total Length of Weld Examined 5 (L) NA 2 (L) NA 7 and 8 (W) NA				Extent of Perpendicular Scans (W) 5- From NA to NA 2- From NA to NA				Extent of Parallel Scans (L) From (5) NA to (2) NA			
Primary Examiner George Morini		Level II		Initials		Assistant Examiner N/A		Level N/A		Initials		Non-Technical Review		Date 10-14-01	
SNC NDE Level II/III Review		Date 10-14-01		Percentage of Code Coverage 100		ANII Review		Date 12/14/01							

Unit 1	Sketch/Component Number ALA1-1300-S32	Date 10/13/01	Sheet No. S01F1U043	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A		Couplant/Batch No. Ultragel II / 01125	Thermometer/SN/Cal Due Date 43619 / 10-14-01 / 02-25-02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scans Calibration				Circ Scans Calibration			
Make/Model Staveley / SONIC 136			Transducer Mfg. Harisonic		Cal. Blk. No. ALA-36									
Serial 136-911K No.			Serial No. 4890		Thickness 55.75		Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Model No.			A10		Cal. Temp 75 °F		NEAR (1)							
Ax dB			Circ dB		Cal. In 8:30:00 AM		NOTCH	80%	1.5	N/A	N/A			
Reference 36.8			65.4		Cal. Chk. 0944									
Scanning 48.8			77.4		Cal. Out 10:12:00 AM		FAR (2)							
Pulser 50 ns			Frequency/Mode 10 / Long.		Ref. Blk. No. 796478		NOTCH	80%	7.8	N/A	N/A			
Frequency 10			Rep Rate (1)(2)		Reflector/dB BR / Ref.		Calibration Remarks: (1) ZONE 1 - PRR - 1khz (2) ZONE 2 - PRR - 250 Hz							
Mode LONG			Filter 2		Cable Type /No. Conn. RG58/0 /		52 10-14-01							
Damping 500 O			Reject OFF		Cable Length N/A		Amp/Sweep *20 % 6							

Comp Temp. 75 °F		Configuration - REACTOR VESSEL STUDS				Wo Loc. NA				Lo Loc. TOP OF STUD			
Scan Dir.	NI	NRI	RI	Ind No.	% DAC	Length L1 Lmax L2		Ref. Measurements Wmax Smax		Thickness 1"← C/L →1"		Notes:	
0	●	○	○										

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for Cal.; CIRC dB equals ZONE 2 for Cal.
*ZONE 1 Amp/Sweep 40% / 10

Total Length of Weld NA	Crown Width NA	Total Length of Weld Examined 5 (L) NA 2 (L) NA 7 and 8 (W) NA			Extent of Perpendicular Scans (W) 5- From NA to NA 2- From NA to NA			Extent of Parallel Scans (L) From (5) NA to (2) NA		
Primary Examiner George Morini		Level II	Initials	Assistant Examiner N/A		Level N/A	Initials	Non-Technical Review		Date 10-14-01
SNC NDE Level II/III Review			III	Date 10-14-01	Percentage of Code Coverage 100	ANII Review			Date 10/14/01	

Unit 1	Sketch/Component Number ALA1-1300-S33	Date 10/13/01	Sheet No. S01F1U044	Page 1 of 1																																				
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A		Couplant/Batch No. Ultragel II / 01125	Thermometer SN/Cal Due Date 43619 10-14-01 02-45-02	Linearity Sheet No. S01F1L001																																				
Instrument Make/Model Staveley / SONIC 136 Serial No. 136-911K No. Ax dB Circ dB Reference 36.8 65.4 Scanning 48.8 77.4 Pulser 50 ns Frequency 10 Rep Rate (1)(2) Mode LONG Filter 2 Damping 500 O Reject OFF		Search Unit Transducer Mfg. Harisonic Serial No. 4890 Model No. A10 Size / No. 5 Shape / Round Frequency/Mode 10 / Long. "A" Dimension N/A Nom Angle 0° Meas Angle 0 Cable Type /No. Conn. RG58/0 / Cable Length N/A	Calibration Block Cal. Blk. No. ALA-36 Thickness Cal. Temp 75 °F Cal. In 8:30:00 AM Cal. Chk. 0948 Cal. Out 10:12:00 AM Ref. Blk. No. 796478 Reflector/dB BR / Ref. 36 Amp/Sweep *20 % 6 10-14-01	Axial Scans Calibration <table><tr><td>Cal. Refl.</td><td>Signal Amp.</td><td>Sweep Div.</td><td>Wmax</td></tr><tr><td>NEAR (1)</td><td></td><td></td><td></td></tr><tr><td>NOTCH</td><td>80%</td><td>1.5</td><td>N/A</td></tr><tr><td>FAR (2)</td><td></td><td></td><td></td></tr><tr><td>NOTCH</td><td>80%</td><td>7.8</td><td>N/A</td></tr></table> Circ Scans Calibration <table><tr><td>Cal. Refl.</td><td>Signal Amp.</td><td>Sweep Div.</td><td>Wmax</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table> Calibration Remarks: (1) ZONE 1 - PRR - 1khz (2) ZONE 2 - PRR - 250 Hz	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	NEAR (1)				NOTCH	80%	1.5	N/A	FAR (2)				NOTCH	80%	7.8	N/A	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax												
Cal. Refl.	Signal Amp.	Sweep Div.	Wmax																																					
NEAR (1)																																								
NOTCH	80%	1.5	N/A																																					
FAR (2)																																								
NOTCH	80%	7.8	N/A																																					
Cal. Refl.	Signal Amp.	Sweep Div.	Wmax																																					
Comp Temp. 75 °F		Configuration - REACTOR VESSEL STUDS	Wo Loc. NA	Lo Loc. TOP OF STUD																																				
Scan Dir.	Results	Ind No.	% DAC	Length	Ref. Measurements	Thickness	Notes:																																	
NI	NRI	RI		L1 Lmax L2	Wmax Smax	1" <-- C/L --> 1"																																		
0	●	○	○																																					

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for Cal.; CIRC dB equals ZONE 2 for Cal.
*ZONE 1 Amp/Sweep 40% / 10

Total Length of Weld NA	Crown Width NA	Total Length of Weld Examined			Extent of Perpendicular Scans (W)			Extent of Parallel Scans (L)		
		5 (L) NA 2 (L) NA 7 and 8 (W) NA	5- From NA to NA 2- From NA to NA			From (5) NA to (2) NA				
Primary Examiner George Morini	Level II	Initials [Signature]	Assistant Examiner N/A	Level N/A	Initials	Non-Technical Review [Signature]		Date 10-14-01		
SNC NDE Level II/III Review [Signature]		Date 10-14-01	Percentage of Code Coverage 100	ANII Review [Signature]		Date 10/14/01		Revision 4.0		

Unit 1	Sketch/Component Number ALA1-1300-S34	Date 10/13/01	Sheet No. S01F1U045	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A		Couplant/Batch No. Ultragel II / 01125	Thermometer SN/Cal Due Date 43619 / 02-05-02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scans Calibration				Circ Scans Calibration			
Make/Model Staveley / SONIC 136			Transducer Mfg. Harisonic		Cal. Blk. No. ALA-36									
Serial 136-911K			Serial No. 4890		Thickness 55.75		Cal. Refl.				Cal. Refl.			
No.			Model No. A10		Cal. Temp 75 °F		Signal Amp.				Signal Amp.			
Ax dB			Size / No. .5		Cal. In 8:30:00 AM		Sweep Div.				Sweep Div.			
Circ dB			Shape / Round		Cal. Chk. 0953		Wmax				Wmax			
Reference 36.8			Frequency/Mode 10 / Long.		Cal. Out 10:12:00 AM		NEAR (1)				N/A			
Scanning 48.8			"A" Dimension N/A		Ref. Blk. No. 796478		NOTCH 80%				N/A			
Pulser 50 ns			Nom Angle 0°		Reflector/dB BR / Ref.		FAR (2)				N/A			
Frequency 10			Cable Type /No. Conn. RG58/0 /		Amp/Sweep *20 % 6		NOTCH 80%				N/A			
Rep Rate (1)(2)			Cable Length N/A				Calibration Remarks:							
Mode LONG							(1) ZONE 1 - PRR - 1khz							
Filter 2							(2) ZONE 2 - PRR - 250 Hz							
Reject OFF														

Comp Temp.	75 °F	Configuration -	REACTOR VESSEL STUDS				Wo Loc.	NA				Lo Loc.	TOP OF STUD			
Scan Dir.	NI	Results	Ind No.	% DAC	Length	Ref. Measurements	Thickness	Notes:								
					L1 Lmax L2	Wmax Smax	1"← C/L →1"									
0	●	○	○													

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for Cal.; CIRC dB equals ZONE 2 for Cal.
*ZONE 1 Amp/Sweep 40% / 10

Total Length of Weld	NA	Crown Width	NA	Total Length of Weld Examined			Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)											
				5 (L)	NA	2 (L)	NA	7 and 8 (W)	NA	5- From	NA	to	NA	2- From	NA	to	NA	From (5)	NA	to	(2)	NA
Primary Examiner	Level		Initials	Assistant Examiner		Level		Initials	Non-Technical Review		Date											
George Morini	II		GM	N/A		N/A				Daryl D. Hoffman		10-14-01										
SNC NDE Level II/III Review	Date		Percentage of Code Coverage	ANII Review		Date																
	10-14-01		100	C. J. Ward		10/14/01																

Unit 1	Sketch/Component Number ALA1-1300-S35				Date 10/13/01		Sheet No. S01F1U046		Page 1 of 1					
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A				Couplant/Batch No. Ultragel II / 01125		Thermometer SN/Cal Due Date 43619 10-25-01		Linearity Sheet No. S01F1L001						
Instrument Make/Model Staveley / SONIC 136 Serial 136-911K No.			Search Unit Transducer Mfg. Harisonic Serial No. 4890 Model No. A10 Size / No. .5 Shape / Round Frequency/Mode 10 / Long. "A" Dimension N/A Nom Angle 0° Meas Angle 0 Cable Type /No. Conn. RG58/0 / Cable Length N/A		Calibration Block Cal. Blk. No. ALA-36 Thickness 55.75 Cal. Temp 75 °F Cal. In 8:30:00 AM Cal. Chk. 0956 Cal. Out 10:12:00 AM Ref. Blk. No. 796478 Reflector/dB BR / Ref. Amp/Sweep *20 % 6		Axial Scans Calibration Cal. Refl. Signal Amp. Sweep Div. Wmax NEAR (1) NOTCH 80% 1.5 N/A FAR (2) NOTCH 80% 7.8 N/A		Circ Scans Calibration Cal. Refl. Signal Amp. Sweep Div. Wmax N/A					
Reference 36.8 Ax dB 65.4 Circ dB Scanning 48.8 Pulser 50 ns Frequency 10 Rep Rate (1)(2) Mode LONG Filter 2 Damping 500 O Reject OFF							Calibration Remarks: (1) ZONE 1 - PRR - 1khz (2) ZONE 2 - PRR - 250 Hz							
Comp Temp. 75 °F			Configuration - REACTOR VESSEL STUDS				Wo Loc. NA		Lo Loc. TOP OF STUD					
Scan Dir.			Results NI NRI RI		Ind No. % DAC		Length L1 Lmax L2		Ref. Measurements Wmax Smax		Thickness 1" <- C/L -> 1"		Notes:	
0														

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for Cal.; CIRC dB equals ZONE 2 for Cal.
*ZONE 1 Amp/Sweep 40% / 10

Total Length of Weld NA		Crown Width NA		Total Length of Weld Examined 5 (L) NA 2 (L) NA 7 and 8 (W) NA				Extent of Perpendicular Scans (W) 5- From NA to NA 2- From NA to NA				Extent of Parallel Scans (L) From (5) NA to (2) NA			
Primary Examiner George Morini		Level II		Initials		Assistant Examiner N/A		Level N/A		Initials		Non-Technical Review		Date 10-14-01	
SNC NDE Level II/III Review				Date 10-14-01		Percentage of Code Coverage 100		ANII Review				Date 10/14/01		Revision 4.0	

Unit 1	Sketch/Component Number ALA1-1300-S36	Date 10/13/01	Sheet No. S01F1U047	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A		Couplant/Batch No. Ultragel II / 01125	Thermometer SN/Cal Due Date 43619 10-14-01 02.25 03	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scans Calibration				Circ Scans Calibration			
Make/Model Staveley / SONIC 136			Transducer Mfg. Harisonic		Cal. Blk. No. ALA-36									
Serial 136-911K			Serial No. 4890		Thickness 55.75		Cal. Refl.				Cal. Refl.			
No.			Model No. A10		Cal. Temp 75 °F		Signal Amp.				Signal Amp.			
Ax dB			Size / No. .5		Cal. In 8:30:00 AM		Sweep Div.				Sweep Div.			
Circ dB			Shape / Round		Cal. Chk. 0959		Wmax				Wmax			
Reference 36.8			Frequency/Mode 10 / Long.		Cal. Out 10:12:00 AM		NEAR (1)				N/A			
Scanning 48.8			"A" Dimension N/A		Ref. Blk. No. 796478		NOTCH 80%				N/A			
Pulser 50 ns			Nom Angle 0°		Reflector/dB BR / Ref		FAR (2)							
Frequency 10			Cable Type /No. Conn. RG58/0 /		Amp/Sweep *20 % 6		NOTCH 80%				N/A			
Rep Rate (1)(2)			Cable Length N/A				Calibration Remarks:							
Mode LONG							(1) ZONE 1 - PRR - 1khz							
Filter 2							(2) ZONE 2 - PRR - 250 Hz							
Reject OFF							10-14-01							

Comp Temp. 75 °F		Configuration - REACTOR VESSEL STUDS				Wo Loc. NA				Lo Loc. TOP OF STUD					
Scan Dir.		Results		Ind No.		% DAC		Length		Ref. Measurements		Thickness		Notes:	
NI		NRI		RI		L1		Lmax		L2		Wmax		Smax	
1"		<-		C/L		->		1"							
0		●		○		○									

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for Cal.; CIRC dB equals ZONE 2 for Cal.
*ZONE 1 Amp/Sweep 40% / 10

Total Length of Weld NA		Crown Width NA		Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)			
5 (L) NA		2 (L) NA		7 and 8 (W) NA				5- From NA to NA				2- From NA to NA			
From (5) NA		to (2) NA													
Primary Examiner		Level		Initials		Assistant Examiner		Level		Initials		Non-Technical Review		Date	
George Morini		II		[Signature]		N/A		N/A		[Signature]		10-14-01			
SNC NDE Level II/III Review		Date		Percentage of Code Coverage		ANII Review		Date							
[Signature]		10-14-01		100		[Signature]		10/14/01							
Revision 4.0															

Unit	Sketch/Component Number	Date	Sheet No.
1	ALA1-1300-S37	10/13/01	S01F1U048
Procedure/Rev./TCN		Thermometer SN/Cal Due Date	Linearity Sheet No.
FNP-0-NDE-100.39 / 4.0 / N/A		43619 10/13/01 ed. 2.5.02	S01F1L001

Instrument		Search Unit		Calibration Block		Axial Scans Calibration				Circ Scans Calibration			
Make/Model Staveley / SONIC 136		Transducer Mfg. Harisonic		Cal. Blk. No. ALA-36									
Serial 136-911K		Serial No. 4890		Thickness 55.75		Cal. Refl.				Cal. Refl.			
No.		Model No. A10		Cal. Temp 75 °F		Signal Amp.				Signal Amp.			
Ax dB		Size / No. .5		Cal. In 8:30:00 AM		Sweep Div.				Sweep Div.			
Circ dB		Shape / Round		Cal. Chk. 1004		Wmax				Wmax			
Reference 36.8		Frequency/Mode 10 / Long.		Cal. Out 10:12:00 AM		NEAR (1)				N/A			
Scanning 48.8		"A" Dimension N/A		Ref. Blk. No. 796478		NOTCH 80%				N/A			
Pulser 50 ns		Nom Angle 0°		Reflector/dB BR / Ref.		FAR (2)							
Frequency 10		Meas Angle 0		Amp/Sweep *20 % 6		NOTCH 80%				N/A			
Rep Rate (1)(2)		Cable Type /No. Conn. RG58/0 /				Calibration Remarks:							
Mode LONG		Cable Length N/A				(1) ZONE 1 - PRR - 1khz							
Filter 2						(2) ZONE 2 - PRR - 250 Hz							
Reject OFF						320 10-14-01							

Comp Temp.	75 °F	Configuration -	REACTOR VESSEL STUDS				Wo Loc.	NA				Lo Loc.	TOP OF STUD				
Scan Dir.	NI	Results	RI	Ind No.	% DAC	Length		Ref. Measurements		Thickness			Notes:				
						L1	Lmax	L2	Wmax	Smax	1"←	C/L	→1"				
0	●	○	○														

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for Cal.; CIRC dB equals ZONE 2 for Cal.
*ZONE 1 Amp/Sweep 40% / 10

Total Length of Weld	NA	Crown Width	NA	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)									
				5 (L)	NA	2 (L)	NA	7 and 8 (W)	NA	5- From	NA	to	NA	2- From	NA	to	NA	From (5)	NA	to	(2) NA
Primary Examiner		Level		Initials		Assistant Examiner		Level		Initials		Non-Technical Review				Date					
George Morini		II		[Signature]		N/A		N/A				[Signature]				10-14-01					
SNC NDE Level II/III Review				Date		Percentage of Code Coverage		ANII Review				Date		Revision 4.0							
[Signature]				10-14-01		100		[Signature]				10/14/01									

Unit 1		Sketch/Component Number ALA1-1300-S38				Date 10/13/01		Sheet No. S01F1U049		Page 1 of 1					
Procedure/Rev./TCN FNP-0-NDE-100.39 / 4.0 / N/A				Couplant/Batch No. Ultragel II / 01125		Thermometer SN/Cal Due Date 43619 10/25/01		Linearity Sheet No. S01F1L001							
Instrument Make/Model Staveley / SONIC 136 Serial 136-911K No.			Search Unit Transducer Mfg. Harisonic Serial No. 4890 Model No. A10 Size / No. .5 Shape / Round Frequency/Mode 10 / Long. "A" Dimension N/A Nom Angle 0° Meas Angle 0 Cable Type /No. Conn. RG58/0 / Cable Length N/A		Calibration Block Cal. Blk. No. ALA-36 Thickness 55.75 Cal. Temp 75 °F Cal. In 8:30:00 AM Cal. Chk. 1010 Cal. Out 10:12:00 AM Ref. Blk. No. 796478 Reflector/dB BR / Ref. Amp/Sweep *20 % 6		Axial Scans Calibration Cal. Refl. Signal Amp. Sweep Div. Wmax NEAR (1) NOTCH 80% 1.5 N/A FAR (2) NOTCH 80% 7.8 N/A		Circ Scans Calibration Cal. Refl. Signal Amp. Sweep Div. Wmax N/A						
Reference 36.8		Circ dB 65.4		Scanning 48.8		Pulser 50 ns		Frequency 10		Rep Rate (1) (2)					
Mode LONG		Filter 2		Damping 500 O		Reject OFF									
Comp Temp. 75 °F		Configuration - REACTOR VESSEL STUDS				Wo Loc. NA		Lo Loc. TOP OF STUD							
Scan Dir.		Results		Ind No.		% DAC		Length		Ref. Measurements		Thickness		Notes:	
0		● ○ ○						L1 Lmax L2		Wmax Smax		1"← C/L →1"			

Examination/Limitation Remarks: AXIAL dB equals ZONE 1 for Cal.; CIRC dB equals ZONE 2 for Cal.
*ZONE 1 Amp/Sweep 40% / 10

Total Length of Weld NA		Crown Width NA		Total Length of Weld Examined 5 (L) NA 2 (L) NA 7 and 8 (W) NA				Extent of Perpendicular Scans (W) 5- From NA to NA 2- From NA to NA				Extent of Parallel Scans (L) From (5) NA to (2) NA			
Primary Examiner George Morini		Level II		Initials		Assistant Examiner N/A		Level N/A		Initials		Non-Technical Review [Signature]		Date 10-14-01	
SNC NDE Level II/III Review [Signature]				Date 10-14-01		Percentage of Code Coverage 100		ANII Review [Signature]				Date 10/14/01		Revision 4.0	

Unit 1	Weld Number ALA1-1300-S20	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A	Sheet No. S01F1M004	Page 1	of 1
Thermometer Mfg./Ser. No. PTC / 43880 Cal. Due Date 02/25/02 Surface Temp. 80 ° F		Magnetizing Yoke Mfg.: Magnaflux Serial No.: A999603 Pole Spacing: 8" Field Indicator S/N: N/A Field Indicator Acceptable [Y/N] Yes		MT Materials Mfg.: Magnaflux Batch Number: 96F02K Color: Fluorescent Type: 14 AM	
Component Configuration REACTOR VESSEL STUDS			% of Length Coverage 100%	Date 10/13/01	
Ind. No. Results Indication Desc. / Exam Limitations / etc.			Remarks		
N/A NI N/A			Black Light Checks performed at 1050, 1310 and 1525 - SAT; Magnetic field verified with Mag Particle field indicator		

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner Harry Ackerman	ASNT Level II	Initials HAA	Assistant Examiner Clyde W. Kiehl	ASNT Level II	Initials CWK	Non-Technical Review Lynda Duke	Date 10-17-01
SNC NDE Level II/III Review David L. Lipton	Date 10-17-01	Percentage of Code Coverage 100	ANII Review C. W. Kiehl	Date 10/17/01			

Revision 4.

Unit 1	Weld Number ALA1-1300-S21	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A			Sheet No. S01F1M005	Page 1 of 1
Thermometer Mfg./Ser. No. PTC / 43880 Cal. Due Date 02/25/02 Surface Temp. 80 ° F		Magnetizing Yoke Mfg.: Magnaflux Power AC Serial No.: A999603 Pole Spacing: 8" Field Indicator S/N: N/A Field Indicator Acceptable [Y/N] Yes			MT Materials Mfg.: Magnaflux Batch Number: 96F02K Color: Fluorescent Type: 14 AM	
Component Configuration REACTOR VESSEL STUDS				% of Length Coverage 100%	Date 10/13/01	
				% of Area Coverage 100%		
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.			Remarks	
N/A	NI	N/A			Black Light Checks performed at 1050, 1310 and 1525 - SAT; Magnetic Fields verified with Mag Particle Field Indicator	

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner Harry Ackerman	ASNT Level II	Initials H/A	Assistant Examiner Chris Danson	ASNT Level It	Initials CD	Non-Technical Review Lynda Duke	Date 10-17-01
SNC NDE Level II/III Review H.A. Loftis		Date 10-17-01	Percentage of Code Coverage 100	ANII Review C.D. Ward			Date 10/17/01

Revision 4.

Unit 1	Weld Number ALA1-1300-S22	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A		Sheet No. S01F1M006	Page 1 of 1
Thermometer Mfg./Ser. No. PTC / 43880 Cal. Due Date 02/25/02 Surface Temp. 80 ° F		Magnetizing Yoke Mfg.: Magnaflux Power AC Serial No.: A999603 Pole Spacing: 8" Field Indicator S/N: N/A Field Indicator Acceptable [Y/N] Yes		MT Materials Mfg.: Magnaflux Batch Number: 96F02K Color: Fluorescent Type: 14 AM	
Component Configuration REACTOR VESSEL STUDS				% of Length Coverage 100%	Date 10/13/01
				% of Area Coverage 100%	
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.			Remarks
N/A	NI	N/A			Black Light Checks performed at 1050, 1310 and 1525 - SAT; Magnetic Fields verified with Mag Particle Field Indicator.

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner Harry Ackerman	ASNT Level II	Initials HMA	Assistant Examiner Clyde W. Kiehl	ASNT Level II	Initials CWK	Non-Technical Review Lynda Duke	Date 10-17-01
SNC NDE Level II/III Review Darryl A. Loftis		Date 10-17-01	Percentage of Code Coverage 100	ANII Review C. G. Ward			Date 10/17/01

Revision 4.

Unit 1	Weld Number ALA1-1300-S23	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A			Sheet No. S01F1M007	Page 1	of 1
Thermometer		Magnetizing Yoke			MT Materials		
Mfg./Ser. No. PTC / 43880		Mfg.: Magnaflux			Mfg.: Magnaflux		
Cal. Due Date 02/25/02		Serial No.: A999603			Batch Number: 96F02K		
Surface Temp. 80 ° F		Pole Spacing: 8"			Color: Fluorescent		
		Field Indicator S/N: N/A			Type: 14 AM		
		Field Indicator Acceptable [Y/N] Yes					
Component Configuration REACTOR VESSEL STUDS				% of Length Coverage 100%	Date 10/13/01		
				% of Area Coverage 100%			
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.			Remarks		
N/A	NI	N/A			Black Light Checks performed at 1050, 1310 and 1525 - SAT; Magnetic Fields verified with Mag Particle Field Indicator.		

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner Harry Ackerman	ASNT Level II	Initials <i>HA</i>	Assistant Examiner Clyde W. Kiehl	ASNT Level II	Initials <i>CK</i>	Non-Technical Review <i>Lynda Duke</i>	Date 10-17-01
SNC NDE Level II/III Review <i>Harry D. Loftus</i>	Date <i>10-17-01</i>	Percentage of Code Coverage 100	ANII Review <i>CF Ward</i>			Date 10/17/01	

Unit 1	Weld Number ALA1-1300-S24	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A			Sheet No. S01F1M008	Page 1 of 1
Thermometer		Magnetizing Yoke			MT Materials	
Mfg./Ser. No. PTC / 43880		Mfg.: Magnaflux			Mfg.: Magnaflux	
Cal. Due Date 02/25/02		Serial No.: A999603			Batch Number: 96F02K	
Surface Temp. 80 ° F		Pole Spacing: 8"			Color: Fluorescent	
		Field Indicator S/N: N/A			Type: 14 AM	
		Field Indicator Acceptable [Y/N] Yes				
Component Configuration REACTOR VESSEL STUDS				% of Length Coverage 100%	Date 10/13/01	
				% of Area Coverage 100%		
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.			Remarks	
N/A	NI	N/A			Black Light Checks performed at 1050, 1310 and 1525 - SAT; Magnetic Fields verified with Mag Particle Field Indicator.	

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner Harry Ackerman	ASNT Level II	Initials SHA	Assistant Examiner Clyde W. Kiehl	ASNT Level II	Initials awK	Non-Technical Review Lynda Duke	Date 10-17-01
SNC NDE Level II/III Review Darryl Leffler		Date 10-17-01	Percentage of Code Coverage 100	ANII Review C. Kiehl		Date 10/17/01	

Unit 1	Weld Number ALA1-1300-S25	Procedure/Rev./TCN FNPP-0-NDE-100.11 / 4.0 / N/A			Sheet No. S01F1M009	Page } of { 1
Thermometer Mfg./Ser. No. PTC / 43880 Cal. Due Date 02/25/02 Surface Temp. 80 ° F		Magnetizing Yoke Mfg.: Magnaflux Serial No.: A999603 Pole Spacing: 8" Field Indicator S/N: N/A Field Indicator Acceptable [Y/N] Yes			MT Materials Mfg.: Magnaflux Batch Number: 96F02K Color: Fluorescent Type: 14 AM	
Component Configuration REACTOR VESSEL STUDS				% of Length Coverage 100%	Date 10/13/01	
				% of Area Coverage 100%		
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.			Remarks	
N/A	NI	N/A			Black Light Checks performed at 1050, 1310 and 1525 - SAT; Magnetic Fields verified with Mag Particle Field Indicator.	

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner Harry Ackerman	ASNT Level II	Initials HKA	Assistant Examiner Clyde W. Kiehl	ASNT Level II	Initials CWK	Non-Technical Review Lynda Duke	Date 10-17-01
SNC NDE Level II/III Review Daryl L. Lofgren		Date 10-17-01	Percentage of Code Coverage 100	ANII Review C. Kiehl			Date 10/17/01

Revision 4.

Unit 1	Weld Number ALA1-1300-S26	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A		Sheet No. S01F1M010	Page 1 of 1
Thermometer Mfg./Ser. No. PTC / 43880 Cal. Due Date 02/25/02 Surface Temp. 80 ° F		Magnetizing Yoke Mfg.: Magnaflux Serial No.: A999603 Pole Spacing: 8" Field Indicator S/N: N/A Field Indicator Acceptable [Y/N] Yes		MT Materials Mfg.: Magnaflux Batch Number: 96F02K Color: Fluorescent Type: 14 AM	
Component Configuration REACTOR VESSEL STUDS			% of Length Coverage 100%	Date 10/13/01	
			% of Area Coverage 100%		
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.		Remarks	
N/A	NI N/A			Black Light Checks performed at 1050, 1310 and 1525 - SAT; Magnetic Fields verified with Mag Particle Field Indicator.	

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner Harry Ackerman	ASNT Level II	Initials sha	Assistant Examiner Clyde W. Kiehl	ASNT Level II	Initials cwK	Non-Technical Review Lynda Duke	Date 10-17-01
SNC NDE Level II/III Review Harry A. Loftus		Date 10-17-01	Percentage of Code Coverage 100	ANII Review C. W. Kiehl		Date 10/17/01	

Revision 4.

Unit 1	Weld Number ALA1-1300-S27	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A		Sheet No. S01F1M011	Page () of ()
Thermometer Mfg./Ser. No. PTC / 43880 Cal. Due Date 02/25/02 Surface Temp. 80 ° F		Magnetizing Yoke Mfg.: Magnaflux Serial No.: A999603 Pole Spacing: 8" Field Indicator S/N: N/A Field Indicator Acceptable [Y/N] Yes Power AC		MT Materials Mfg.: Magnaflux Batch Number: 96F02K Color: Fluorescent Type: 14 AM	
Component Configuration REACTOR VESSEL STUDS				% of Length Coverage 100%	Date 10/13/01
				% of Area Coverage 100%	
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.			Remarks
N/A	NI N/A				Black Light Checks performed at 1050, 1310 and 1525 - SAT; Magnetic Fields verified with Mag Particle Field Indicator.

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner Harry Ackerman	ASNT Level II	Initials H/A	Assistant Examiner Clyde W. Kiehl	ASNT Level II	Initials CWK	Non-Technical Review Lynda Duke	Date 10-17-01
SNC NDE Level II/III Review Garry L. Liffles III		Date 10-17-01	Percentage of Code Coverage 100	ANII Review Garry L. Liffles			Date 10/17/01

Revision 4.

Unit 1	Weld Number ALA1-1300-S28	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A	Sheet No. S01F1M012	Page 1	of 1
Thermometer Mfg./Ser. No. PTC / 43880 Cal. Due Date 02/25/02 Surface Temp. 80 ° F		Magnetizing Yoke Mfg.: Magnaflux Serial No.: A999603 Power AC Pole Spacing: 8" Field Indicator S/N: N/A Field Indicator Acceptable [Y/N] Yes	MT Materials Mfg.: Magnaflux Batch Number: 96F02K Color: Fluorescent Type: 14 AM		
Component Configuration REACTOR VESSEL STUDS			% of Length Coverage 100%	Date 10/13/01	
% of Area Coverage 100%					
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.	Remarks		
N/A	NI	N/A	Black Light Checks performed at 1050, 1310 and 1525 - SAT; Magnetic Fields verified with Mag Particle Field Indicator		

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner Harry Ackerman	ASNT Level II	Initials <i>HA</i>	Assistant Examiner Clyde W. Kiehl	ASNT Level II	Initials <i>CK</i>	Non-Technical Review <i>Lynda Duke</i>	Date 10-17-01
SNC NDE Level II/III Review <i>Darryl Loftus</i>	Date 10-17-01	Percentage of Code Coverage 100	ANII Review <i>CK</i>	Date 10/17/01			

Revision 4.

Unit 1	Weld Number ALA1-1300-S29	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A	Sheet No. S01F1M013	Page 1	of 1
Thermometer Mfg./Ser. No. PTC / 43880 Cal. Due Date 02/25/02 Surface Temp. 80 ° F		Magnetizing Yoke Mfg.: Magnaflux Serial No.: A999603 Pole Spacing: 8" Field Indicator S/N: N/A Field Indicator Acceptable [Y/N] Yes		MT Materials Mfg.: Magnaflux Batch Number: 96F02K Color: Fluorescent Type: 14 AM	
Component Configuration REACTOR VESSEL STUDS			% of Length Coverage 100%	Date 10/13/01	
			% of Area Coverage 100%		
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.		Remarks	
N/A	NI N/A			Black Light Checks performed at 1050, 1310 and 1525 - SAT; Magnetic Fields verified with Mag Particle Field Indicator.	

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner Harry Ackerman	ASNT Level II	Initials Hya	Assistant Examiner Clyde W. Kiehl	ASNT Level II	Initials ck	Non-Technical Review Lynda Duke	Date 10-17-01
SNC NDE Level II/III Review Darryl Loftis		Date 10/17/01	Percentage of Code Coverage 100	ANII Review C. Kiehl			Date 10/17/01

Revision 4.

Unit 1	Weld Number ALA1-1300-S30	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A		Sheet No. S01F1M014	Page 1 of 1
Thermometer Mfg./Ser. No. PTC / 43880 Cal. Due Date 02/25/02 Surface Temp. 80 ° F		Magnetizing Yoke Mfg.: Magnaflux Power AC Serial No.: A999603 Pole Spacing: 8" Field Indicator S/N: N/A Field Indicator Acceptable [Y/N] Yes		MT Materials Mfg.: Magnaflux Batch Number: 96F02K Color: Fluorescent Type: 14 AM	
Component Configuration REACTOR VESSEL STUDS				% of Length Coverage 100%	Date 10/13/01
				% of Area Coverage 100%	
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.			Remarks
N/A	NI	N/A			Black Light Checks performed at 1050, 1310 and 1525 - SAT; Magnetic Fields verified with Mag Particle Field Indicator.

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner Harry Ackerman	ASNT Level II	Initials H/A	Assistant Examiner Clyde W. Kiehl	ASNT Level II	Initials CWK	Non-Technical Review Lynda Auke	Date 10-17-01
SNC NDE Level IV/III Review Larry D. Loftis		Date 10-17-01	Percentage of Code Coverage 100	ANII Review C.W. Kiehl		Date 10/17/01	

Revision 4.

Unit 1	Weld Number ALA1-1300-S31	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A	Sheet No. S01F1M015	Page 1	of 1
Thermometer Mfg./Ser. No. PTC / 43880 Cal. Due Date 02/25/02 Surface Temp. 80 ° F		Magnetizing Yoke Mfg.: Magnaflux Serial No.: A999603 Pole Spacing: 8" Field Indicator S/N: N/A Field Indicator Acceptable [Y/N] Yes Power AC	MT Materials Mfg.: Magnaflux Batch Number: 96F02K Color: Fluorescent Type: 14 AM		
Component Configuration REACTOR VESSEL STUDS			% of Length Coverage 100%	Date 10/13/01	
% of Area Coverage 100%					
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.			Remarks
N/A	NI	N/A			Black Light Checks performed at 1050, 1310 and 1525 - SAT; Magnetic Fields verified with Mag Particle Field Indicator.

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner Harry Ackerman	ASNT Level II	Initials Hra	Assistant Examiner Clyde W. Kiehl	ASNT Level II	Initials CWK	Non-Technical Review Lynda Duke	Date 10-17-01
SNC NDE Level II/III Review Samuel Lopez		Date 10-17-01	Percentage of Code Coverage 100	ANII Review CJ Ward		Date 10/17/01	Revision 4.

Unit 1	Weld Number ALA1-1300-S32	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A			Sheet No. S01F1M016	Page 1 of 1
Thermometer Mfg./Ser. No. PTC / 43880 Cal. Due Date 02/25/02 Surface Temp. 80 ° F		Magnetizing Yoke Mfg.: Magnaflux Serial No.: A999603 Pole Spacing: 8" Field Indicator S/N: N/A Field Indicator Acceptable [Y/N] Yes Power AC			MT Materials Mfg.: Magnaflux Batch Number: 96F02K Color: Fluorescent Type: 14 AM	
Component Configuration REACTOR VESSEL STUDS				% of Length Coverage 100%	Date 10/13/01	
				% of Area Coverage 100%		
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.			Remarks	
N/A	NI N/A				Black Light Checks performed at 1050, 1310 and 1525 - SAT; Mangetic Fields verified with Mag Particle Field Indicator.	

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner Harry Ackerman	ASNT Level II	Initials <i>HA</i>	Assistant Examiner Clyde W. Kiehl	ASNT Level II	Initials <i>CK</i>	Non-Technical Review <i>Lynnda Duke</i>	Date 10-17-01
SNC NDE Level II/III Review <i>Darryl D. Stephens</i>		Date 10-17-01	Percentage of Code Coverage 100	ANII Review <i>CK</i>			Date 10/17/01

Revision 4.

Unit 1	Weld Number ALA1-1300-S33	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A			Sheet No. S01F1M017	Page (of)
Thermometer		Magnetizing Yoke			MT Materials	
Mfg./Ser. No. PTC / 43880		Mfg.: Magnaflux			Mfg.: Magnaflux	
Cal. Due Date 02/25/02		Serial No.: A999603			Batch Number: 96F02K	
Surface Temp. 80 ° F		Pole Spacing: 8"			Color: Fluorescent	
		Field Indicator S/N: N/A			Type: 14 AM	
		Field Indicator Acceptable [Y/N] Yes				
Component Configuration REACTOR VESSEL STUDS				% of Length Coverage 100%	Date 10/13/01	
				% of Area Coverage 100%		
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.			Remarks	
N/A	NI	N/A			Black Light Checks performed at 1050, 1310 and 1525 - SAT; Magnetic Fields verified with Mag Particle Field Indicator.	

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner	ASNT Level	Initials	Assistant Examiner	ASNT Level	Initials	Non-Technical Review	Date
Harry Ackerman	II	sha	Clyde W. Kiehl	II	ck	Lynda Duke	10-17-01
SNC NDE Level II/III Review		Date	Percentage of Code Coverage	ANII Review			Date
Samuel Loftis	III	10-17-01	100	1964			10/17/01

Revision 4.

Unit 1	Weld Number ALA1-1300-S34	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A			Sheet No. S01F1M018	Page 1 of 1
Thermometer Mfg./Ser. No. PTC / 43880 Cal. Due Date 02/25/02 Surface Temp. 80 ° F		Magnetizing Yoke Mfg.: Magnaflux Serial No.: A999603 Pole Spacing: 8" Field Indicator S/N: N/A Field Indicator Acceptable [Y/N] Yes Power AC			MT Materials Mfg.: Magnaflux Batch Number: 96F02K Color: Fluorescent Type: 14 AM	
Component Configuration REACTOR VESSEL STUDS				% of Length Coverage 100%	Date 10/13/01	
Ind. No. Results Indication Desc. / Exam Limitations / etc.				Remarks		
N/A NI N/A				Black Light Checks performed at 1050, 1310 and 1525 - SAT: Magnetic Fields verified with Mag Particle Field Indicator.		

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner Harry Ackerman	ASNT Level II	Initials HWA	Assistant Examiner Clyde W. Kiehl	ASNT Level II	Initials CWK	Non-Technical Review Lynda Duke	Date 10-17-01
SNC NDE Level II/III Review Darryl L. Saffner		Date 10-17-01	Percentage of Code Coverage 100	ANII Review C. Ward		Date 10/17/01	

Revision 4.

Unit 1	Weld Number ALA1-1300-S35	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A			Sheet No. S01F1M019	Page 1	of 1
Thermometer		Magnetizing Yoke			MT Materials		
Mfg./Ser. No. PTC / 43880		Mfg.: Magnaflux			Mfg.: Magnaflux		
Cal. Due Date 02/25/02		Serial No.: A999603			Batch Number: 96F02K		
Surface Temp. 80 ° F		Pole Spacing: 8"			Color: Fluorescent		
		Field Indicator S/N: N/A			Type: 14 AM		
		Field Indicator Acceptable [Y/N] Yes					
Component Configuration REACTOR VESSEL STUDS				% of Length Coverage 100%	Date 10/13/01		
				% of Area Coverage 100%			
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.			Remarks		
N/A	NI	N/A			Black Light Checks performed at 1050, 1310 and 1525 - SAT: Mangetic Fields verified with Mag Particle Field Indicator.		

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner	ASNT Level	Initials	Assistant Examiner	ASNT Level	Initials	Non-Technical Review	Date
Harry Ackerman	II	AKA	Clyde W. Kiehl	II	CK	Lynda Duke	10-17-01
SNC NDE Level II/III Review		Date	Percentage of Code Coverage	ANII Review			Date
Darryl Loftis	II	10-17-01	100	CGW			10/17/01

Revision 4.

Unit 1	Weld Number ALA1-1300-S36	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A		Sheet No. S01F1M020	Page 1 of 1
Thermometer Mfg./Ser. No. PTC / 43880 Cal. Due Date 02/25/02 Surface Temp. 80 ° F		Magnetizing Yoke Mfg.: Magnaflux Serial No.: A999603 Pole Spacing: 8" Power AC Field Indicator S/N: N/A Field Indicator Acceptable [Y/N] Yes		MT Materials Mfg.: Magnaflux Batch Number: 96F02K Color: Fluorescent Type: 14 AM	
Component Configuration REACTOR VESSEL STUDS				% of Length Coverage 100%	Date 10/13/01
				% of Area Coverage 100%	
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.			Remarks
N/A	NI	N/A			Black Light Checks performed at 1050, 1310 and 1525 - SAT: Magnetic Fields verified with Mag Particle Field Indicator

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner Harry Ackerman	ASNT Level II	Initials <i>sha</i>	Assistant Examiner Clyde W. Kiehl	ASNT Level II	Initials <i>cwk</i>	Non-Technical Review <i>Lynda Duke</i>	Date 10-17-01
SNC NDE Level II/III Review <i>David Loftis</i>		Date 10-17-01	Percentage of Code Coverage 100	ANII Review <i>cgward</i>			Date 10/17/01

Revision 4.

Unit 1	Weld Number ALA1-1300-S37	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A	Sheet No. S01F1M021	Page 1 of 1
Thermometer Mfg./Ser. No. PTC / 43880 Cal. Due Date 02/25/02 Surface Temp. 80 ° F		Magnetizing Yoke Mfg.: Magnaflux Serial No.: A999603 Power AC Pole Spacing: 8" Field Indicator S/N: N/A Field Indicator Acceptable [Y/N] Yes	MT Materials Mfg.: Magnaflux Batch Number: 96F02K Color: Fluorescent Type: 14 AM	
Component Configuration REACTOR VESSEL STUDS			% of Length Coverage 100%	Date 10/13/01
			% of Area Coverage 100%	
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.	Remarks	
N/A	NI N/A		Black Light Checks performed at 1050, 1310 and 1525 - SAT; Magnetic Fields verified with Mag Particle Field Indicator.	

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner Harry Ackerman	ASNT Level II	Initials <i>HA</i>	Assistant Examiner Clyde W. Kiehl	ASNT Level II	Initials <i>CK</i>	Non-Technical Review <i>Lynda Duke</i>	Date 10-17-01
SNC NDE Level II/III Review <i>Lynda Duke</i>		Date 10-17-01	Percentage of Code Coverage 100	ANII Review <i>Edward</i>			Date 10/17/01

Unit 1	Weld Number ALA1-1300-S38	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A	Sheet No. S01F1M022	Page \ of (
Thermometer Mfg./Ser. No. PTC / 43880 Cal. Due Date 02/25/02 Surface Temp. 80 ° F		Magnetizing Yoke Mfg.: Magnaflux Serial No.: A999603 Pole Spacing: 8" Field Indicator S/N: N/A Field Indicator Acceptable [Y/N] Yes Power AC	MT Materials Mfg.: Magnaflux Batch Number: 96F02K Color: Fluorescent Type: 14 AM	
Component Configuration REACTOR VESSEL STUDS			% of Length Coverage 100%	Date 10/13/01
Ind. No. Results Indication Desc. / Exam Limitations / etc.			Remarks	
N/A NI N/A			Black Light Checks performed at 1050, 1310 and 1525 - SAT; Magnetic Fields verified with Mag Particle Field Indicator.	

Remarks: Other equipment: Spectraline Black Light Meter S/N 165449, Magnaflux L-10 Coil, Spectraline Black Light S/N 376918

Primary Examiner Harry Ackerman	ASNT Level II	Initials Hya	Assistant Examiner Clyde W. Kiehl	ASNT Level II	Initials cwK	Non-Technical Review Lynda Duke	Date 10-17-01
SNC NDE Level II/III Review Gary D. Loftis III		Date 10-17-01	Percentage of Code Coverage 100	ANII Review C. Ward		Date 10/17/01	Revision 4.

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N20 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V084	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i> Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i> Date (Month-Day-Year) 10/13/01		Level II

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
** Provide details on other areas examined							

Comments NONE

Reviewed By <i>Harry A. Soften</i>	ANII Review <i>Clyde W. Kiehl</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N21 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V085			
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)		Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV		Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight		Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>		Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i> Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i> Date (Month-Day-Year) 10/13/01		Level II Level II	

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.
** Provide details on other areas examined

Comments NONE

Reviewed By <i>Samuel Loftis</i>	ANII Review <i>C. G. Ward</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N22 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V086	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV		Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i> Level II Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i> Level II Date (Month-Day-Year) 10/13/01	

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.
** Provide details on other areas examined

Comments NONE

Reviewed By <i>Samuel Loftis</i>	ANII Review <i>PGH</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N23 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V087					
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)		Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A			
								Procedure No. FNP-0-NDE-100.21			
								Revision No. 1.0 / N/A			
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV		Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight		Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>				Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i>		Level II	
								Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i>		Level II	
								Date (Month-Day-Year) 10/13/01			

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
** Provide details on other areas examined							

Comments NONE

Reviewed By <i>Harry M. Ackerman</i>	ANII Review <i>Clyde W. Kiehl</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N24 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V088					
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)		Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A			
								Procedure No. FNP-0-NDE-100.21			
								Revision No. 1.0 / N/A			
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV		Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight		Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>				Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i>		Level II	
								Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i>		Level II	
								Date (Month-Day-Year) 10/13/01			

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments NONE

Reviewed By <i>Samuel D. Loftis</i>	ANII Review <i>C. Ward</i>		Date <i>10/16/01</i>
	Level <i>III</i>		Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N25 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V089	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A	
						Procedure No. FNP-0-NDE-100.21	
						Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV		Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge			Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i>	Level II
						Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i>	Level II
						Date (Month/Day-Year) 10/13/01	

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments NONE

Reviewed By <i>Harry A. Loftis</i>	ANII Review <i>CGW</i>	Date <i>10/16/01</i>
	Level <i>TII</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N26 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V090	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A	
						Procedure No. FNP-0-NDE-100.21	
						Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i>		Level II
					Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i>		Level II
					Date (Month-Day-Year) 10/13/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments NONE

Reviewed By <i>Harry A. Loftis</i>	ANII Review <i>Clyde W. Kiehl</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N27 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V091	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV		Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i> Level II Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i> Level II Date (Month-Day-Year) 10/13/01	

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments NONE

Reviewed By <i>Harry D. Loffler</i>	ANII Review <i>Clyde W. Kiehl</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N28 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V092	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i> Examiner/Initial Clyde W. Krehl Sig. <i>Clyde W. Krehl</i> Date (Month-Day-Year) 10/13/01		Level II

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments NONE

Reviewed By <i>Harry A. Loftis</i>	ANII Review <i>CGWand</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N29 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V093	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i> Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i> Date (Month-Day-Year) 10/13/01		Level II II

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments NONE

Reviewed By <i>Darryl D. Loftis</i>	ANII Review <i>CGW</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N30 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V094	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV		Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i> Level II Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i> Level II Date (Month-Day-Year) 10/13/01	

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments NONE

Reviewed By <i>Dan L. Loftis</i>	ANII Review <i>Clyde W. Kiehl</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N31 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V095	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV		Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i> Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i> Date (Month-Day-Year) 10/13/01	
						Level II	
						Level II	

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments NONE

Reviewed By <i>Donald. Loftis</i>	ANII Review <i>Edward</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N32 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V096	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i> Level II Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i> Level II Date (Month/Day-Year) 10/13/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
** Provide details on other areas examined							

Comments NONE

Reviewed By <i>Dan L. Loftis</i>	ANII Review <i>[Signature]</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N33 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V097	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i> Level II Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W Kiehl</i> Level II Date (Month-Day-Year) 10/13/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
** Provide details on other areas examined							

Comments NONE

Reviewed By <i>Samuel D. Softus</i>	ANII Review <i>Clyde W Kiehl</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N34 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V098	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV		Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i> Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i> Date (Month-Day-Year) 10/13/01	
						Level II	
						Level II	

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments NONE

Reviewed By <i>Darryl A. Softas</i>	ANII Review <i>Clyde W. Kiehl</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N35 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V099	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Harry Ackerman Sig. <i>[Signature]</i> Examiner/Initial Clyde W. Kiehl Sig. <i>[Signature]</i> Date (Month-Day-Year) 10/13/01		Level II

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
** Provide details on other areas examined							

Comments NONE

Reviewed By <i>[Signature]</i>	ANII Review <i>[Signature]</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N36 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V100	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A	
						Procedure No. FNP-0-NDE-100.21	
						Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial: Harry Ackerman Sig. <i>Harry M. Ackerman</i>		Level II
					Examiner/Initial: Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i>		Level II
					Date (Month-Day-Year) 10/13/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments NONE

Reviewed By <i>Samuel Gifford</i>	ANII Review <i>eghansel</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N37 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V101	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Harry Ackerman Sig. <i>Harry M Ackerman</i> Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W Kiehl</i> Date (Month/Day-Year) 10/13/01		Level II

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments NONE

Reviewed By <i>Samuel Roffers</i>	ANII Review <i>EGH</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-N38 REACTOR VESSEL NUTS		Drawing Number ALA1-1300		Sheet Number S01F1V102	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i> Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i> Date (Month/Day-Year) 10/13/01		Level II

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **			
** Provide details on other areas examined							

Comments NONE

Reviewed By *Harry A. Lofftus*

ANII Review *Clyde W. Kiehl*

Level *III*

Date *10/16/01*

Date *10-16-01*

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W20 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V065			
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)		Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV		Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight		Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>		Examiner/Initial Sig. <i>Clyde W. Kiehl</i> Examiner/Initial Sig. <i>Harry Ackerman</i> Date (Month-Day-Year) 10/13/01		Level II Level II	

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **			
** Provide details on other areas examined							

Comments N/A

Reviewed By <i>[Signature]</i>	ANII Review <i>[Signature]</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W21 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V066	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i> Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i> Date (Month-Day-Year) 10/13/01		Level II II

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
** Provide details on other areas examined							

Comments NONE

Reviewed By <i>Harry M. Ackerman</i>	ANII Review <i>Clyde W. Kiehl</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W22 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V067	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A	
						Procedure No. FNP-0-NDE-100.21	
						Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Sig. <i>Clyde W. Kiehl</i> <i>Clyde W. Kiehl</i>		Level II
					Examiner/Initial Sig. <i>Harry Ackerman</i> <i>Harry M. Ackerman</i>		Level II
					Date (Month-Day-Year) 10/13/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1			SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1			SAT	*UN-SAT	N/A
Ground Blend Material			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
						Other **			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.											
** Provide details on other areas examined											

Comments NONE

ANII Review <i>Clyde W. Kiehl</i>		Date <i>10/16/01</i>	
Reviewed By <i>Harry M. Ackerman</i>		Date <i>10-16-01</i>	
Level <i>III</i>			

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W23 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V068	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV		Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i> Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i> Date (Month-Day-Year) 10/13/01	

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments NONE

Reviewed By <i>Sam D. Roffler</i>	ANII Review <i>C. Howard</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W24 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V069	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A	
						Procedure No. FNP-0-NDE-100.21	
						Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Sig. <i>Clyde W. Kiehl</i> Level II		Examiner/Initial Sig. <i>Nancy M. Ackerman</i> Level II
					Date (Month-Day-Year) 10/13/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments NONE

Reviewed By <i>Darryl D. Roffles</i>	ANII Review <i>C. G. W. ...</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W25 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V070	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A	
						Procedure No. FNP-0-NDE-100.21	
						Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Sig. <i>Clyde W. Kiehl</i> Clyde W. Kiehl Level II		Examiner/Initial Sig. <i>Harry M. Ackerman</i> Harry M. Ackerman Level II
					Date (Month-Day-Year) 10/13/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1			SAT			*UN-SAT			N/A			<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1			SAT			*UN-SAT			N/A		
Ground Blend Material			<input type="checkbox"/>			<input type="checkbox"/>			<input checked="" type="checkbox"/>			Loose Members			<input type="checkbox"/>			<input type="checkbox"/>			<input checked="" type="checkbox"/>		
Undercut			<input type="checkbox"/>			<input type="checkbox"/>			<input checked="" type="checkbox"/>			Cracks			<input checked="" type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>		
Corrosion Build-up			<input type="checkbox"/>			<input type="checkbox"/>			<input checked="" type="checkbox"/>			Corrosion			<input checked="" type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>		
Gouges			<input type="checkbox"/>			<input type="checkbox"/>			<input checked="" type="checkbox"/>			Gouges			<input checked="" type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>		
Evidence of Leakage			<input type="checkbox"/>			<input type="checkbox"/>			<input checked="" type="checkbox"/>			Thread Damage			<input type="checkbox"/>			<input type="checkbox"/>			<input checked="" type="checkbox"/>		
Arc Strikes			<input type="checkbox"/>			<input type="checkbox"/>			<input checked="" type="checkbox"/>			Deformation			<input checked="" type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>		
Cracks			<input type="checkbox"/>			<input type="checkbox"/>			<input checked="" type="checkbox"/>			Protective Coating			<input type="checkbox"/>			<input type="checkbox"/>			<input checked="" type="checkbox"/>		
Other**			<input type="checkbox"/>			<input type="checkbox"/>			<input checked="" type="checkbox"/>			Evidence of Leakage			<input type="checkbox"/>			<input type="checkbox"/>			<input checked="" type="checkbox"/>		
			<input type="checkbox"/>			<input type="checkbox"/>			<input checked="" type="checkbox"/>			Other **			<input type="checkbox"/>			<input type="checkbox"/>			<input checked="" type="checkbox"/>		
<p>* Provide details on unsat areas by use of supplemental data sheet.</p> <p>** Provide details on other areas examined</p>																							

Comments NONE

Reviewed By <i>Samuel R. Jones</i>		ANII Review <i>Clyde W. Kiehl</i>		Date <i>10/16/01</i>	
		Level <i>III</i>		Date <i>10-16-01</i>	

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W26 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V071	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A	
						Procedure No. FNP-0-NDE-100.21	
						Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i>		Level II
					Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i>		Level II
					Date (Month-Day-Year) 10/13/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **			
** Provide details on other areas examined							

Comments NONE

Reviewed By <i>Harry D. Loftus</i>	ANII Review <i>Clyde W. Kiehl</i>		Date <i>10/16/01</i>
	Level <i>III</i>		Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W27 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V072	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV		Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Sig. Clyde W. Kiehl Level II Examiner/Initial Sig. Harry Ackerman Level II Date (Month/Day-Year) 10/13/01	

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **			
** Provide details on other areas examined							

Comments NONE

Reviewed By <i>Harry A. Reptus</i>	ANII Review <i>CW</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W28 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V073	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A	
						Procedure No. FNP-0-NDE-100.21	
						Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i>		Level II
					Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i>		Level II
					Date (Month-Day-Year) 10/13/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **			
** Provide details on other areas examined							

Comments NONE

Reviewed By <i>Samuel R. Loftis</i>	ANII Review <i>C. G. Ward</i>		Date <i>10/16/01</i>
	Level <i>III</i>		Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W29 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V074	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Sig. <i>Clyde W. Kiehl</i> Level II Examiner/Initial Sig. <i>Harry M. Ackerman</i> Level II Date (Month-Day-Year) 10/13/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1				<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1			
	SAT	*UN-SAT	N/A		SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **			
** Provide details on other areas examined							

Comments NONE

Reviewed By <i>Samuel R. Roffen</i>	ANII Review <i>C. W. Kiehl</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W30 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V075			
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)		Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV		Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight		Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>		Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i> Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i> Date (Month-Day-Year) 10/13/01		Level II Level II	

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.
** Provide details on other areas examined

Comments NONE

Reviewed By <i>Harry O. Softley</i>	ANII Review <i>Clyde W. Kiehl</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W31 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V076	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A	
						Procedure No. FNP-0-NDE-100.21	
						Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i>		Level II
					Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i>		Level II
					Date (Month-Day-Year) 10/13/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.							
** Provide details on other areas examined							

Comments NONE

	ANII Review <i>cgward</i>	Date 10/16/01
Reviewed By <i>Harry A. Lottus</i>	Level <i>III</i>	Date 10-16-01

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W32 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V077	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A	
						Procedure No. FNP-0-NDE-100.21	
						Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Sig. <i>Clyde W. Kiehl</i> Level II		Examiner/Initial Sig. <i>Harry Ackerman</i> Level II
					Date (Month-Day-Year) 10/13/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
** Provide details on other areas examined							

Comments NONE

Reviewed By <i>Harold R. Loftis</i>	ANII Review <i>Clyde W. Kiehl</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W33 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V078	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A	
						Procedure No. FNP-0-NDE-100.21	
						Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Sig. <i>Clyde W. Kiehl</i> Level II		Examiner/Initial Sig. <i>Harry Ackerman</i> Level II
						Date (Month/Day-Year) 10/13/01	

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments NONE

Reviewed By <i>Darryl A. Loftis</i>	ANII Review <i>C. G. W. ...</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W34 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V079	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A	
						Procedure No. FNP-0-NDE-100.21	
						Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Sig. <i>Clyde W. Kiehl</i> Level II		Examiner/Initial Sig. <i>Harry Ackerman</i> Level II
					Date (Month/Day-Year) 10/13/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **			
** Provide details on other areas examined							

Comments NONE

Reviewed By <i>Samuel D. Loftis</i>	ANII Review <i>CWand</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W35 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V080	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A	
						Procedure No. FNP-0-NDE-100.21	
						Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Sig. <i>Clyde W. Kiehl</i> Level II		Examiner/Initial Sig. <i>Harry M. Ackerman</i> Level II
						Date (Month-Day-Year) 10/13/01	

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **			
** Provide details on other areas examined							

Comments NONE

Reviewed By <i>Samuel Loftis</i>	ANII Review <i>Clyde W. Kiehl</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W36 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V081	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A	
						Procedure No. FNP-0-NDE-100.21	
						Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i>		Level II
					Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i>		Level II
					Date (Month-Day-Year) 10/13/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
** Provide details on other areas examined							

Comments NONE

	ANII Review <i>C. G. Ward</i>	Date 10/16/01
Reviewed By <i>Dan A. Hoffner</i>	Level <i>III</i>	Date 10-16-01

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W37 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V082	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A	
						Procedure No. FNP-0-NDE-100.21	
						Revision No. 1.0 / N/A	
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i>		Level II
					Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i>		Level II
					Date (Month/Day-Year) 10/13/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **			
** Provide details on other areas examined							

Comments NONE

Reviewed By <i>Harry L. Loftus</i>	ANII Review <i>Clyde W. Kiehl</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-1300-W38 REACTOR VESSEL WASHERS		Drawing Number ALA1-1300		Sheet Number S01F1V083		
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A		
						Procedure No. FNP-0-NDE-100.21		
						Revision No. 1.0 / N/A		
Equipment <input type="checkbox"/> Mirror <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Clyde W. Kiehl Sig. <i>Clyde W. Kiehl</i>		Level II	
						Examiner/Initial Harry Ackerman Sig. <i>Harry M. Ackerman</i>		Level II
						Date (Month, Day-Year) 10/13/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments NONE

Reviewed By <i>Harry A. Loftis</i>	ANII Review <i>Clyde W. Kiehl</i>	Date <i>10/16/01</i>
	Level <i>III</i>	Date <i>10-16-01</i>

Revision 1.0

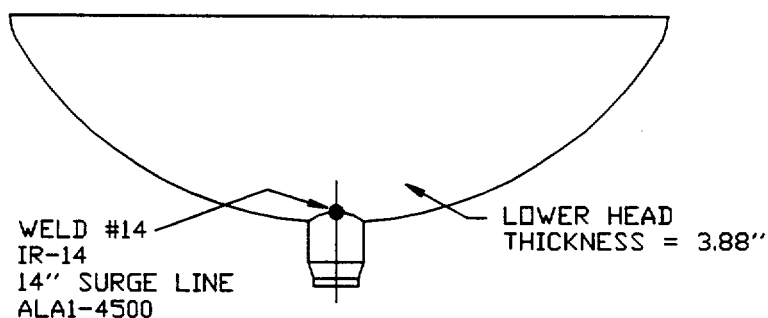
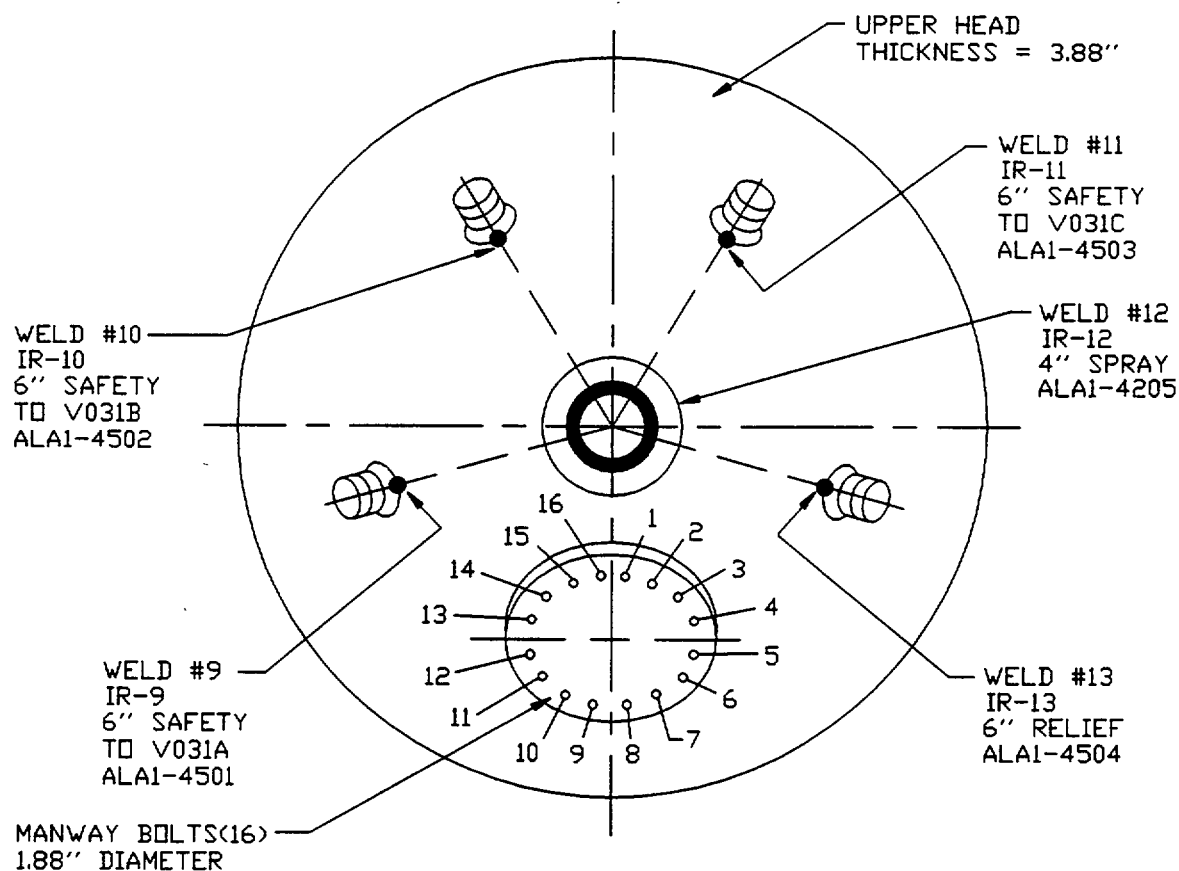
1.2

DRAWING ALA1-2100
PRESSURIZER

[illegible]

ALA1-2100A

PRESSURIZER NOZZLE TO VESSEL WELDS



NOTE:

6 NOZZLE TO VESSEL WELDS
16 MANWAY BOLTS

WELD #	FNP FIG.	CAL. BLOCK
9	008	APR-7
IR-9	008	APR-38
10	008	APR-7
IR-10	008	APR-38
11	008	APR-7
IR-11	008	APR-38
12	008	APR-7
IR-12	008	APR-38
13	008	APR-7
IR-13	008	APR-38
14	008	APR-7
IR-14	008	APR-39

1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG	REV		
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162.	CAB	CCN	FOR	WRH	
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for PRESSURIZER

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

SCS DRAWING NUMBER

A-351192

SHEET

12

REV.

1

CAD ALA2100A
AUTOCAD RAV-02

Unit 1	Sketch/Component Number ALA1-2100-11	Date 10/14/01	Sheet No. S01F1U067	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.34 / 6.0 / N/A		Couplant/Batch No. Ultragel II / 01125	Thermometer SN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scan Calibration				Circ Scan Calibration			
Instrument	Staveley / SONIC 136		Transducer Mfg.	KBA	Cal. Blk. No.	APR-7	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	136-911K		Serial Number	C26672	Thickness	3.5	1/4T	65	1.5	N/A	1/4T	65	1.5	N/A
	Axial dB	Circ dB	Model No.	N/A	Cal. Temp	69 °F	1/2T	65	3.0	N/A	1/2T	65	3.0	N/A
Reference	32.6	32.6	Size / No.	1.0" Shape Round	Cal. In	12:40	3/4T	80	4.5	N/A	3/4T	80	4.5	N/A
Scanning	44.6	44.6	Frequency/Mode	2.25 / Long	Cal. Chk.	1405	1T	100+	6.0	N/A	1T	100+	6.0	N/A
Reject	OFF		"A" Dimension	N/A	Cal. Out	17:40	Calibration Remarks: 2 Scan Performed from Nozzle Side; 5 Scan Performed from Vessel Side; Reference Relief Request 6 for coverage caculations.							
Frequency	2.25		Nom Angle	0 °	Ref. Blk. No.	796478								
Mode	P/E		Meas Angle	N/A °	Reflector/dB	BW / 22								
Damping	500 OHMS		Cable Type / No. Conn.	RG58 / 1	Amp/Sweep	80 % / 1.9								
			Cable Length	20'										

Comp Temp.	86 °F	Configuration	SAFETY NOZZLE TO PZR TOP HEAD						Wo Loc.	C/L OF WELD			Lo Loc.	.					
Scan Dir.	NI	Results	RI	Ind No.	% DAC	L1	Lmax	L2	Reference Measurement	W1	Wmax	W2	Sweep Position	S1	Smax	S2	Thickness	1" <-- C/L --> 1"	Notes:
5	○	●	○																
2	○	●	○																

Examination/Limitation Remarks: *OUTSIDE RADIUS OF ABOVE ELBOW
Relief Request -6 Hal 10-17-01

Total Length of Weld	360°	Crown Width	FLUSH	Total Length of Weld Examined	5 (L) NL 2 (L) NL 7 and 8 (W) NA	Extent of Perpendicular Scans (W)	5- From NL to BOSS 2- From BOSS to NL	Extent of Parallel Scans (L)	From (5) NA to (2) NA
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Primary Examiner	Level	Initials	Assistant Examiner	Level	Initials	Non-Technical Review	Date
James F. Halley	III	JFH	N/A	N/A		Lynda Duke	10-17-01

SNC NDE Level II/III Review	Date	Percentage of Code Coverage	ANII Review	Date
David L. Leftler	10-17-01	75% composite	CGH	10/18/01

Unit 1	Sketch/Component Number ALA1-2100-11	Date 10/14/01	Sheet No. S01F1U068	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.34 / 6.0 / N/A		Couplant/Batch No. Ultragel II / 01125	ThermometerSN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument Staveley / SONIC 136		Search Unit Transducer Mfg. KBA		Calibration Block Cal. Blk. No. APR-7		Axial Scan Calibration				Circ Scan Calibration			
Serial No. 136-911K		Serial Number 00B955		Thickness 3.5		Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Axial dB 38.4		Model No. 113-292-600		Cal. Temp 69 °F		1/4T	80	1.5	.90	1/4T	80	1.5	.90
Circ dB 38.4		Size / No. .5" x 1.0" Shape Round		Cal. In 12:35		1/2T	55	2.9	1.75	1/2T	55	2.9	1.75
Reference 38.4		Frequency/Mode 2.25 / Shear		Cal. Chk. 1405		3/4T	35	4.5	2.55	3/4T	35	4.5	2.55
Scanning 50.4		"A" Dimension .70"		Cal. Out 17:43		1T	12	6.2	3.6	1T	12	6.2	3.6
Reject OFF		Nom Angle 45 °		Ref. Blk. No. 796478		Calibration Remarks: 2 Scan Performed from Nozzle Side; 5 Scan Performed from Vessel Side; Reference Relief Request 6 for coverage caculations.							
Frequency 2.25		Meas Angle 45 °		Reflector/dB HOLE/38.6									
Mode P/E		Cable Type / No. Conn. RG58 / 1		Amp/Sweep 70 % / 2.1									
Damping 500 OHMS		Cable Length 20'											

Comp Temp. 86 °F		Configuration - SAFETY NOZZLE TO PZR TOP HEAD										Wo Loc. C/L OF WELD			Lo Loc. *		
Scan Dir.	NI	Results		Ind No.	% DAC	Length			Reference Measurement			Sweep Position			Thickness		Notes:
		NRI	RI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1"← C/L →1"		
8	○	●	○														
7	○	●	○														
5	○	●	○														
2	○	●	○														

Examination/Limitation Remarks: *OUTSIDE RADIUS OF ABOVE ELBOW
Relief Request - 6 2nd 10-17-01

Total Length of Weld 360°	Crown Width FLUSH	Total Length of Weld Examined 5 (L) NL 2 (L) NL 7 and 8 (W) NL				Extent of Perpendicular Scans (W) 5- From NL to BOSS 2- From BOSS to NL				Extent of Parallel Scans (L) From (5) NL to (2) NL			
Primary Examiner James F. Halley		Level III	Initials JFH	Assistant Examiner N/A		Level N/A	Initials	Non-Technical Review Lynda Duke		Date 10-17-01			
SNC NDE Level II/III Review Gary A. Roffus		Level II	Date 10-17-01	Percentage of Code Coverage 75% composite		ANII Review		Date 10/18/01					

Unit 1	Sketch/Component Number ALA1-2100-11	Date 10/14/01	Sheet No. S01F1U069	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.34 / 6.0 / N/A		Couplant/Batch No. Ultragel II / 01125	ThermometerSN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scan Calibration				Circ Scan Calibration			
Instrument	Staveley / SONIC 136		Transducer Mfg.	KBA	Cal. Blk. No.	APR-7	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	136-911K		Serial Number	009XBK	Thickness	3.5	1/4T	80	1.5	1.6	1/4T	80	1.5	1.6
	Axial dB	Circ dB	Model No.	113-292-600	Cal. Temp	69 °F	1/2T	50	3.0	3.4	1/2T	50	3.0	3.4
Reference	59.4	59.4	Size / No.	.5" x 1.0" Shape Rect.	Cal. In	12:30	3/4T	35	4.5	4.9	3/4T	35	4.5	4.9
Scanning	71.4	71.4	Frequency/Mode	2.25 / Shear	Cal. Chk.	1435	1T	10	6.2	6.6	1T	10	6.2	6.6
Reject	OFF		"A" Dimension	.70"	Cal. Out	17:46								
Frequency	2.25		Nom Angle	60 °	Ref. Blk. No.	796478	Calibration Remarks: 2 Scan Performed from Nozzle Side; 5 Scan Performed from Vessel Side; Reference Relief Request 6 for coverage caculations.							
Mode	P/E		Meas Angle	62 °	Reflector/dB	HOLE/59.4								
Damping	500 ohms		Cable Type / No. Conn.	RG58 / 1	Amp/Sweep	20 % / 1.5								
			Cable Length	20'										

Comp Temp. 86 °F	Configuration - SAFETY NOZZLE TO PZR TOP HEAD	Wo Loc. C/L OF WELD	Lo Loc. *
------------------	---	---------------------	-----------

Scan Dir.	Results			Ind No.	% DAC	Length			Reference Measurement			Sweep Position			Thickness			Notes:
	NI	NRI	RI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1"←	C/L	→1"	
8	○	●	○															
7	○	●	○															
5	○	●	○															
2	○	●	○															

Examination/Limitation Remarks: *OUTSIDE RADIUS OF ABOVE ELBOW
Relief Request - 6 10-17-01

Total Length of Weld 360°	Crown Width FLUSH	Total Length of Weld Examined			Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)			
		5 (L)	NL	2 (L)	NL	7 and 8 (W)	NL	5- From NL to BOSS	2- From NL to NL	From (5) NL	to (2) NL	
Primary Examiner James F. Halley	Level III	Initials JFH	Assistant Examiner N/A	Level N/A	Initials	Non-Technical Review Lynda Duke	Date 10-17-01					
SNC NDE Level II/III Review [Signature]	Date 10-17-01	Percentage of Code Coverage 75% composite	ANII Review [Signature]	Date 10/18/01	Revision 6.0							

Unit 1	Sketch/Component Number ALA1-2100-11	Date 10/14/01	Sheet No. S01F1U070	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.34 / 6.0 / N/A		Couplant/Batch No. Ultragel II / 01125	Thermometer/SN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scan Calibration				Circ Scan Calibration				
Instrument	Staveley / SONIC 136	Serial No. 136-911K	Transducer Mfg.	KBA	Cal. Blk. No.	APR-7	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	
			Model No.	113-292-600	Thickness	3.5	1/4T	80	4.0	2.5	1/4T	80	4.0	2.5	
Axial dB	56.6	Circ dB	56.6	Serial Number	009XBL	Cal. Temp	69 °F	1/2T	35	8.0	4.5	1/2T	35	8.0	4.5
Reference	56.6		56.6	Size / No.	.5" x 1.0" Shape Rect	Cal. In	12:20								
Scanning	68.6		68.6	Frequency/Mode	2.25 / Shear	Cal. Chk.	1455								
Reject		OFF		"A" Dimension	.90"	Cal. Out	17:50	Calibration Remarks: 2 Scan Performed from Nozzle Side; 5 Scan Performed from Vessel Side; Reference Relief Request 6 for coverage caculations.							
Frequency	2.25			Nom Angle	70 °	Ref. Blk. No.	796478								
Mode	P/E			Meas Angle	70 °	Reflector/dB	HOLE/48.4								
Damping	500 OHMS			Cable Type / No. Conn.	RG58 / 1	Amp/Sweep	80 % / 3.7								
			Cable Length	20'											

Comp Temp.	86 °F	Configuration -	SAFETY NOZZLE TO PZR TOP HEAD					Wo Loc.	WELD C/L			Lo Loc.	*					
Scan Dir.	Results			Ind No.	% DAC	Length			Reference Measurement			Sweep Position			Thickness			Notes:
	NI	NRI	RI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1" <--	C/L	--> 1"	
8	○	●	○															
7	○	●	○															
5	○	●	○															
2	○	●	○															

Examination/Limitation Remarks: *OUTSIDE RADIUS OF ABOVE ELBOW

Relief Request 6 and 10-17-01

Total Length of Weld	360°	Crown Width	FLUSH	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)								
				5 (L)	NL	2 (L)	NL	7 and 8 (W)	NL	5- From	NL	to BOSS	2- From	BOSS	to	NL	From (5)	NL	to (2)	NL
Primary Examiner		Level		Initials		Assistant Examiner		Level		Initials		Non-Technical Review		Date						
James F. Halley		III		JFH		N/A		N/A				Lynda Duke		10-17-01						
SNC NDE Level II/III Review				Date		Percentage of Code Coverage		ANII Review		Date										
[Signature]				10-17-01		75% composite		[Signature]		10/18/01										

Unit 1	Weld Number ALA1-2100-11	Procedure/Rev./TCN FNPF-0-NDE-100.11 / 4.0 / N/A			Sheet No. S01F1M001	Page 1	of 1
Thermometer		Magnetizing Yoke			MT Materials		
Mfg./Ser. No. PTC / 43619		Mfg.: Parker Power AC			Mfg.: Magnaflux		
Cal. Due Date 02/25/02		Serial No.: 2827			Batch Number: 95H062		
		Pole Spacing: 7.5"			Color: Red		
Surface Temp. 86 ° F		Field Indicator S/N: N/A			Type: No. 8A		
		Field Indicator Acceptable [Y/N] N/A					
Component Configuration SAFETY NOZZLE TO PZR TOP HEAD					% of Length Coverage 100%	Date 10/14/01	
					% of Area Coverage 100%		
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.				Remarks	
n/a	NI N/A	NONE					

Remarks: Supplemental Surface Exam.

Primary Examiner Harry Ackerman	ASNT Level II	Initials HAR	Assistant Examiner John W. Bell	ASNT Level II	Initials JWB	Non-Technical Review Lynda Duke	Date 10-16-01
SNC NDE Level II/III Review Garry A. Loftis	Date 10-16-01	Percentage of Code Coverage 100	ANII Review C. G. Ward			Date 10/17/01	

Unit 1	Sketch/Component Number ALA1-2100-11IR	Date 10/13/01	Sheet No. S01F1U053	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.38 / 2.0 / N/A		Couplant/Batch No. Ultragel II / 01125	ThermometerSN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L002

Instrument			Search Unit		Calibration Block		Axial Scan Calibration				Circ Scan Calibration				
Instrument	Staveley / SONIC 136		Transducer Mfg.	KBA	Cal. Blk. No.	ALA-38		Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	136-911K		Serial Number	007RMJ	Thickness	6.01		A NOTCH	80%	3.0	2.7"	N/A			
	Axial dB	Circ dB	Model No.	113-242-591		Cal. Temp	75 °F	B NOTCH	60%	5.0	3.4"	N/A			
Reference	N/A	66.6	Size / No.	.50	Shape	Round		C NOTCH	50%	7.0	4.0"	N/A			
Scanning	N/A	72.6	Frequency/Mode	2.25 / Shear		Cal. In	12:00								
Reject	OFF		"A" Dimension	.35"		Cal. Chk.	13:10	Calibration Remarks: w Max taken from top clad edge of block							
Frequency	2.25		Nom Angle	20 °		Cal. Out	15:30								
Mode	P/E		Meas Angle	20 °		Ref. Blk. No.	796478								
Damping	500 OHMS		Cable Type / No. Conn.	RG174 / 0		Reflector/dB	HOLE / 68								
			Cable Length	12'		Amp/Sweep	100 % / 1.5								

Comp Temp.	86 °F	Configuration -	PZR NOZZLE INNER RADIUS						Wo Loc.	C/L of Radius			Lo Loc.	*					
Scan Dir.	NI	Results	RI	Ind No.	% DAC	L1	Lmax	L2	Reference Measurement	W1	Wmax	W2	Sweep Position	S1	Smax	S2	Thickness	1"← C/L →1"	Notes:
8	○	●	○																
7	○	●	○																

Examination/Limitation Remarks: *OUTSIDE RADIUS OF ABOVE ELBOW

Total Length of Weld	NA	Crown Width	NA	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)									
				5 (L)	NA	2 (L)	NA	7 and 8 (W)	NA	5- From	NA	to	NA	2- From	NA	to	NA	From (5)	NA	to (2)	NA
Primary Examiner	Level		Initials	Assistant Examiner		Level		Initials	Non-Technical Review		Date										
James F. Halley	III		JFH	N/A		N/A			Lynda Duke		10-17-01										
SNC NDE Level II/III Review	Date		Percentage of Code Coverage	ANII Review		Date															
Lynda Duke	10-18-01		100	10/18/01		10/18/01															

Unit 1	Sketch/Component Number ALA1-2100-12	Date 10/14/01	Sheet No. S01F1U071	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.34 / 6.0 / N/A		Couplant/Batch No. Ultragel II / 01125	ThermometerSN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scan Calibration				Circ Scan Calibration			
Instrument	Staveley / SONIC 136		Transducer Mfg.	KBA	Cal. Blk. No.	APR-7	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	136-911K		Serial Number	C26672	Thickness	3.5	1/4T	65	1.5	N/A	1/4T	65	1.5	N/A
	Axial dB	Circ dB	Model No.	N/A	Cal. Temp	69 °F	1/2T	65	3.0	N/A	1/2T	65	3.0	N/A
Reference	32.6	32.6	Size / No.	1.0" Shape Round	Cal. In	12:40	3/4T	80	4.5	N/A	3/4T	80	4.5	N/A
Scanning	44.6	44.6	Frequency/Mode	2.25 / Long	Cal. Chk.	1405	1T	100+	6.0	N/A	1T	100+	6.0	N/A
Reject	OFF		"A" Dimension	N/A	Cal. Out	17:40	Calibration Remarks: 2 Scan Performed from Nozzle Side; 5 Scan Performed from Vessel Side; Reference Relief Request 6 for coverage caculations.							
Frequency	2.25		Nom Angle	0°	Ref. Blk. No.	796478								
Mode	P/E		Meas Angle	N/A°	Reflector/dB	BW / 22								
Damping	500 OHMS		Cable Type / No. Conn.	RG58 / 1	Amp/Sweep	80 % / 1.9								
			Cable Length	20'										

Comp Temp.	86 °F	Configuration -	SPRAY NOZZLE TO PZR TOP HEAD						Wo Loc.	Lo Loc.								
Scan Dir.	Results			Ind No.	% DAC	Length			Reference Measurement			Sweep Position			Thickness			Notes:
	NI	NRI	RI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1"←	C/L	→1"	
5	○	●	○															
2	○	●	○															

Examination/Limitation Remarks: *OUTSIDE RADIUS OF ABOVE ELBOW
Relief Request-6 Sal 10-17-01

Total Length of Weld	360°	Crown Width	FLUSH	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)							
				5 (L)	NL	2 (L)	NL	7 and 8 (W)	NA	5- From	NL	to BOSS	2- From	BOSS	to NL	From (5)	NA	to (2)	NA
Primary Examiner		Level		Initials		Assistant Examiner		Level		Initials		Non-Technical Review		Date					
James F. Halley		III		JFH		N/A		N/A				Lynda Duke		10-17-01					
SNC NDE Level II/III Review				Date		Percentage of Code Coverage		ANII Review		Date									
[Signature]				10-17-01		75% composite		[Signature]		10/18/01									

Unit 1	Sketch/Component Number ALA1-2100-12	Date 10/14/01	Sheet No. S01F1U072	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.34 / 6.0 / N/A		Couplant/Batch No. Ultragel II / 01125	ThermometerSN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument Staveley / SONIC 136		Search Unit Transducer Mfg. KBA		Calibration Block Cal. Blk. No. APR-7		Axial Scan Calibration				Circ Scan Calibration			
Serial No. 136-911K		Serial Number 00B955		Thickness 3.5		Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Axial dB 38.4		Model No. 113-292-600		Cal. Temp 69 °F		1/4T	80	1.5	.90	1/4T	80	1.5	.90
Circ dB 38.4		Size / No. .5" x 1.0" Shape Round		Cal. In 12:35		1/2T	55	2.9	1.75	1/2T	55	2.9	1.75
Reference	38.4	Frequency/Mode 2.25 / Shear		Cal. Chk. 1405		3/4T	35	4.5	2.55	3/4T	35	4.5	2.55
Scanning	50.4	"A" Dimension .70"		Cal. Out 17:43		1T	12	6.2	3.6	1T	12	6.2	3.6
Reject	OFF	Nom Angle 45 °		Ref. Blk. No. 796478		Calibration Remarks: 2 Scan Performed from Nozzle Side; 5 Scan Performed from Vessel Side; Reference Relief Request 6 for coverage caculations.							
Frequency	2.25	Meas Angle 45 °		Reflector/dB HOLE/38.6									
Mode	P/E	Cable Type / No. Conn. RG58 / 1		Amp/Sweep 70 % / 2.1									
Damping	500 OHMS	Cable Length 20'											

Comp Temp. 86 °F		Configuration - SPRAY NOZZLE TO PZR TOP HEAD		Wo Loc. C/L OF WELD		Lo Loc. *												
Scan Dir.	Results			Ind No.	% DAC	Length			Reference Measurement			Sweep Position			Thickness			Notes:
	NI	NRI	RI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1" <=	C/L	=> 1"	
8	○	●	○															
7	○	●	○															
5	○	●	○															
2	○	●	○															

Examination/Limitation Remarks: *OUTSIDE RADIUS OF ABOVE ELBOW
Relief Request - 6 Del 10-17-01

Total Length of Weld 360°	Crown Width FLUSH	Total Length of Weld Examined 5 (L) NL 2 (L) NL 7 and 8 (W) NL				Extent of Perpendicular Scans (W) 5- From NL to BOSS 2- From BOSS to NL				Extent of Parallel Scans (L) From (5) NL to (2) NL			
Primary Examiner James F. Halley	Level III	Initials JFH	Assistant Examiner N/A	Level N/A	Initials	Non-Technical Review Lynda Duke				Date 10-17-01			
SNC NDE Level I/III Review James F. Halley			Level III	Date 10-17-01	Percentage of Code Coverage 75% composite	ANII Review C. G. Ward				Date 10/18/01			

Unit 1	Sketch/Component Number ALA1-2100-12	Date 10/14/01	Sheet No. S01F1U073	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.34 / 6.0 / N/A		Couplant/Batch No. Ultragel II / 01125	Thermometer/SN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scan Calibration				Circ Scan Calibration			
Instrument Staveley / SONIC 136			Transducer Mfg. KBA		Cal. Blk. No. APR-7		Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No. 136-911K			Serial Number 009XBK		Thickness 3.5		1/4T	80	1.5	1.6	1/4T	80	1.5	1.6
Axial dB 59.4			Model No. 113-292-600		Cal. Temp 69 °F		1/2T	50	3.0	3.4	1/2T	50	3.0	3.4
Circ dB 59.4			Size / No. .5" x 1.0" Shape Rect.		Cal. In 12:30		3/4T	35	4.5	4.9	3/4T	35	4.5	4.9
Reference 59.4			Frequency/Mode 2.25 / Shear		Cal. Chk. 1435		1T	10	6.2	6.6	1T	10	6.2	6.6
Scanning 71.4			"A" Dimension .70"		Cal. Out 17:46		Calibration Remarks: 2 Scan Performed from Nozzle Side; 5 Scan Performed from Vessel Side; Reference Relief Request 6 for coverage caculations.							
Reject OFF			Nom Angle 60 °		Ref. Blk. No. 796478									
Frequency 2.25			Meas Angle 62 °		Reflector/dB HOLE/59.4									
Mode P/E			Cable Type / No. Conn. RG58 / 1		Amp/Sweep 20 % / 1.5									
Damping 500 ohms			Cable Length 20'											

Comp Temp. 86 °F		Configuration - SPRAY NOZZLE TO PZR TOP HEAD										Wo Loc. C/L OF WELD			Lo Loc. *			
Scan Dir.	Results			Ind No.	% DAC	Length			Reference Measurement			Sweep Position			Thickness			Notes:
	NI	NRI	RI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1"← C/L →1"			
8	○	●	○															
7	○	●	○															
5	○	●	○															
2	○	●	○															

Examination/Limitation Remarks: *OUTSIDE RADIUS OF ABOVE ELBOW
Relief Request - 6 Del 10-17-01

Total Length of Weld 360°	Crown Width FLUSH	Total Length of Weld Examined 5 (L) NL 2 (L) NL 7 and 8 (W) NL				Extent of Perpendicular Scans (W) 5- From NL to BOSS 2- From BOSS to NL				Extent of Parallel Scans (L) From (5) NL to (2) NL			
Primary Examiner James F. Halley		Level III	Initials JFH	Assistant Examiner N/A		Level N/A	Initials	Non-Technical Review Lynda Duke				Date 10-17-01	
SNC NDE Level II/III Review [Signature]			Level III	Initials [Signature]	Date 10-17-01	Percentage of Code Coverage 75% composite		ANII Review [Signature]				Date 10/18/01	

Unit 1	Sketch/Component Number ALA1-2100-12	Date 10/14/01	Sheet No. S01F1U074	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.34 / 6.0 / N/A		Couplant/Batch No. Ultrage II / 01125	ThermometerSN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scan Calibration				Circ Scan Calibration			
Instrument	Staveley / SONIC 136		Transducer Mfg.	KBA	Cal. Blk. No.	APR-7	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	136-911K		Serial Number	009XBL	Thickness	3.5	1/4T	80	4.0	2.5	1/4T	80	4.0	2.5
	Axial dB	Circ dB	Model No.	113-292-600	Cal. Temp	69 °F	1/2T	35	8.0	4.5	1/2T	35	8.0	4.5
Reference	56.6	56.6	Size / No.	.5" x 1.0" Shape Rect	Cal. In	12:20								
Scanning	68.6	68.6	Frequency/Mode	2.25 / Shear	Cal. Chk.	1455								
Reject	OFF		"A" Dimension	.90"	Cal. Out	17:50	Calibration Remarks: 2 Scan Performed from Nozzle Side; 5 Scan Performed from Vessel Side; Reference Relief Request 6 for coverage caculations.							
Frequency	2.25		Nom Angle	70 °	Ref. Blk. No.	796478								
Mode	P/E		Meas Angle	70 °	Reflector/dB	HOLE/48.4								
Damping	500 OHMS		Cable Type / No. Conn.	RG58 / 1	Amp/Sweep	80 % / 3.7								
			Cable Length	20'										

Comp Temp.	86 °F	Configuration -	SPRAY NOZZLE TO PZR TOP HEAD						Wo Loc.	C/L OF WELD			Lo Loc.	*				
Scan Dir.	Results			Ind No.	% DAC	Length			Reference Measurement			Sweep Position			Thickness			Notes:
	NI	NRI	RI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1"←	C/L	→1"	
8	○	●	○															
7	○	●	○															
5	○	●	○															
2	○	●	○															

Examination/Limitation Remarks: *OUTSIDE RADIUS OF ABOVE ELBOW
Relief Request-6 Gal 10-17-01

Total Length of Weld	360°	Crown Width	FLUSH	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)								
				5 (L)	NL	2 (L)	NL	7 and 8 (W)	NL	5- From	NL	to BOSS	2- From	BOSS	to	NL	From (5)	NL	to (2)	NL
Primary Examiner		Level		Initials		Assistant Examiner		Level		Initials		Non-Technical Review		Date						
James F. Halley		III		JFH		N/A		N/A				Lyndee Duke		10-17-01						
SNC NDE Level II/III Review				Date		Percentage of Code Coverage		ANII Review				Date								
Daryl R. Ruffin				10-17-01		75% composite		C. Ward				10/18/01								

Unit 1	Weld Number ALA1-2100-12	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A			Sheet No. S01F1M002	Page 1	of 1
Thermometer		Magnetizing Yoke			MT Materials		
Mfg./Ser. No. PTC / 43619		Mfg.: Parker Power AC			Mfg.: Magnaflux		
Cal. Due Date 02/25/02		Serial No.: 2827			Batch Number: 95H062		
Surface Temp. 86 ° F		Pole Spacing: 7.5"			Color: Red		
		Field Indicator S/N: N/A			Type: No. 8A		
		Field Indicator Acceptable [Y/N] N/A					
Component Configuration SPRAY NOZZLE TO PZR TOP HEAD					% of Length Coverage 100%	Date 10/14/01	
					% of Area Coverage 100%		
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.				Remarks	
N/A	NI NA					NONE	

Remarks: Supplemental Surface Exam.

Primary Examiner Harry Ackerman	ASNT Level II	Initials HWA	Assistant Examiner John W. Bell	ASNT Level II	Initials JWB	Non-Technical Review Lynda Duke	Date 10-16-01
SNC NDE Level II/III Review Darryl L. Hoffler	Date 10-16-01	Percentage of Code Coverage 100	ANII Review C. G. Ward	Date 10/17/01			

Revision 4.

Unit 1	Sketch/Component Number ALA1-2100-12IR	Date 10/13/01	Sheet No. S01F1U054	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.38 / 2.0 / N/A		Couplant/Batch No. Ultragel II / 01125	ThermometerSN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L002

Instrument Staveley / SONIC 136			Search Unit Transducer Mfg. KBA			Calibration Block Cal. Blk. No. ALA-38			Axial Scan Calibration				Circ Scan Calibration			
Serial No. 136-911K			Serial Number 007RMJ			Thickness 6.01			Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Axial dB			Model No. 113-242-591			Cal. Temp 75 °F			A NOTCH	80%	3.0	2.7"	N/A			
Circ dB			Size / No. .50 Shape Round			Cal. In 12:00			B NOTCH	60%	5.0	3.4"	N/A			
Reference N/A 66.6			Frequency/Mode 2.25 / Shear			Cal. Chk. 13:30			C NOTCH	50%	7.0	4.0"	N/A			
Scanning N/A 72.6			"A" Dimension .35"			Cal. Out 15:30			Calibration Remarks: w Max taken from top clad edge of block							
Reject OFF			Nom Angle 20 °			Ref. Blk. No. 796478										
Frequency 2.25			Meas Angle 20 °			Reflector/dB HOLE / 68										
Mode P/E			Cable Type / No. Conn. RG174 / 0			Amp/Sweep 100 % / 1.5										
Damping 500 OHMS			Cable Length 12'													

Comp Temp. 86 °F		Configuration - PZR NOZZLE INNER RADIUS										Wo Loc. C/L OF RADIUS			Lo Loc. *				
Scan Dir.	NI	Results NRI RI			Ind No.	% DAC	Length L1 Lmax L2			Reference Measurement W1 Wmax W2			Sweep Position S1 Smax S2			Thickness 1"← C/L →1"			Notes:
8	○	●			○														
7	○	●			○														

Examination/Limitation Remarks: *OUTSIDE RADIUS OF ABOVE ELBOW

Total Length of Weld NA	Crown Width NA	Total Length of Weld Examined 5 (L) NA 2 (L) NA 7 and 8 (W) NA				Extent of Perpendicular Scans (W) 5- From NA to NA 2- From NA to NA				Extent of Parallel Scans (L) From (5) NA to (2) NA			
Primary Examiner James F. Halley		Level III	Initials JFH	Assistant Examiner N/A		Level N/A	Initials	Non-Technical Review Lynda Duke		Date 10-17-01			
SNC NDE Level II/III Review Larry A. Lefts			Initials IU	Date 10-18-01	Percentage of Code Coverage 100	ANII Review G. W. Wood			Date 10/18/01				

Unit 1	Sketch/Component Number ALA1-2100-13	Date 10/14/01	Sheet No. S01F1U075	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.34 / 6.0 / N/A		Couplant/Batch No. Ultragel II / 01125	ThermometerSN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scan Calibration				Circ Scan Calibration					
Instrument	Staveley / SONIC 136		Transducer Mfg.	KBA	Cal. Blk. No.	APR-7		Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	
Serial No.	136-911K		Serial Number	C26672	Thickness	3.5		1/4T	65	1.5	N/A	1/4T	65	1.5	N/A	
	Axial dB	Circ dB	Model No.	N/A	Cal. Temp	69 °F		1/2T	65	3.0	N/A	1/2T	65	3.0	N/A	
Reference	32.6	32.6	Size / No.	1.0" Shape Round	Cal. In	12:40		3/4T	80	4.5	N/A	3/4T	80	4.5	N/A	
Scanning	44.6	44.6	Frequency/Mode	2.25 / Long	Cal. Chk.	1600		1T	100+	6.0	N/A	1T	100+	6.0	N/A	
Reject	OFF		"A" Dimension	N/A	Cal. Out	17:40		Calibration Remarks: 2 Scan Performed from Nozzle Side; 5 Scan Performed from Vessel Side; Reference Relief Request 6 for coverage caculations.								
Frequency	2.25		Nom Angle	0 °	Ref. Blk. No.	796478										
Mode	P/E		Meas Angle	N/A °	Reflector/dB	BW / 22										
Damping	500 OHMS		Cable Type / No. Conn.	RG58 / 1	Amp/Sweep	80 % / 1.9										
			Cable Length	20'												

Comp Temp.	86 °F	Configuration -	SAFETY NOZZLE TO PZR TOP HEAD						Wo Loc.	C/L OF WELD			Lo Loc.	.				
Scan Dir.	Results			Ind No.	% DAC	Length			Reference Measurement			Sweep Position			Thickness			Notes:
	NI	NRI	RI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1"←	C/L	→1"	
5	○	●	○															
2	○	●	○															

Examination/Limitation Remarks: *OUTSIDE RADIUS OF ABOVE ELBOW

Relief Request - 6 Del 10-17-01

Total Length of Weld	360°	Crown Width	FLUSH	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)							
				5 (L)	NL	2 (L)	NL	7 and 8 (W)	NA	5- From	NL	to BOSS	2- From	BOSS	to NL	From (5)	NA	to (2)	NA

Primary Examiner	Level	Initials	Assistant Examiner	Level	Initials	Non-Technical Review	Date
James F. Halley	III	JFH	N/A	N/A		Lynda Duke	10-17-01

SNC NDE Level II/III Review	Date	Percentage of Code Coverage	ANII Review	Date
Sam Lott	10-17-01	75% composite	cykand	10/18/01

Unit 1	Sketch/Component Number ALA1-2100-13				Date 10/14/01		Sheet No. S01F1U077		Page 1 of 1								
Procedure/Rev./TCN FNP-0-NDE-100.34 / 6.0 / N/A				Couplant/Batch No. Ultragel II / 01125		ThermometerSN/Cal Due Date 43619 2/25/02		Linearity Sheet No. S01F1L001									
Instrument Staveley / SONIC 136			Search Unit Transducer Mfg. KBA			Calibration Block Cal. Blk. No. APR-7			Axial Scan Calibration		Circ Scan Calibration						
Serial No. 136-911K			Serial Number 00B955			Thickness 3.5			Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	
Axial dB 38.4			Model No. 113-292-600			Cal. Temp 69 °F			1/4T	80	1.5	.90	1/4T	80	1.5	.90	
Circ dB 38.4			Size / No. .5" x 1.0" Shape Round			Cal. In 12:35			1/2T	55	2.9	1.75	1/2T	55	2.9	1.75	
Reference 38.4			Frequency/Mode 2.25 / Shear			Cal. Chk. 1615			3/4T	35	4.5	2.55	3/4T	35	4.5	2.55	
Scanning 50.4			"A" Dimension .70"			Cal. Out 17:43			1T	12	6.2	3.6	1T	12	6.2	3.6	
Reject OFF			Nom Angle 45 °			Ref. Blk. No. 796478			Calibration Remarks: 2 Scan Performed from Nozzle Side; 5 Scan Performed from Vessel Side; Reference Relief Request 6 for coverage caculations.								
Frequency 2.25			Meas Angle 45 °			Reflector/dB HOLE/38.6											
Mode P/E			Cable Type / No. Conn. RG58 / 1			Amp/Sweep 70 % / 2.1											
Damping 500 OHMS			Cable Length 20'														
Comp Temp. 86 °F		Configuration - SAFETY NOZZLE TO PZR TOP HEAD						Wo Loc. C/L OF WELD		Lo Loc. *							
Scan Dir.	NI	Results NRI RI		Ind No.	% DAC	Length L1 Lmax L2		Reference Measurement W1 Wmax W2		Sweep Position S1 Smax S2		Thickness 1"<-- C/L -->1"		Notes:			
8	○	● ○															
7	○	● ○															
5	○	● ○															
2	○	● ○															
Examination/Limitation Remarks: *OUTSIDE RADIUS OF ABOVE ELBOW Relief Request-6 Id 10-17-01																	
Total Length of Weld 360°		Crown Width FLUSH		Total Length of Weld Examined 5 (L) NL 2 (L) NL 7 and 8 (W) NL				Extent of Perpendicular Scans (W) 5- From NL to BOSS 2- From BOSS to NL				Extent of Parallel Scans (L) From (5) NL to (2) NL					
Primary Examiner James F. Halley				Level III		Initials JFH		Assistant Examiner N/A		Level N/A		Initials		Non-Technical Review Lynda Duke		Date 10-17-01	
SNC NDE Level II/III Review Daryl J. Loftis						Date 10-17-01		Percentage of Code Coverage 75% composite		ANII Review C. G. Wood				Date 10/18/01			

Unit 1	Sketch/Component Number ALA1-2100-13	Date 10/14/01	Sheet No. S01F1U078	Page 1 of 1	
Procedure/Rev./TCN FNP-0-NDE-100.34 / 6.0 / N/A		Couplant/Batch No. Ultragel II / 01125		Thermometer SN/Cal Due Date 43619 2/25/02 10-17-01	Linearity Sheet No. S01F1L001

Instrument Staveley / SONIC 136		Search Unit Transducer Mfg. KBA		Calibration Block Cal. Blk. No. APR-7		Axial Scan Calibration				Circ Scan Calibration			
Serial No. 136-911K		Serial Number 009XBK		Thickness 3.5		Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Axial dB 59.4		Model No. 113-292-600		Cal. Temp 69 °F		1/4T	80	1.5	1.6	1/4T	80	1.5	1.6
Circ dB 59.4		Size / No. .5" x 1.0" Shape Rect.		Cal. In 12:30		1/2T	50	3.0	3.4	1/2T	50	3.0	3.4
Reference 59.4		Frequency/Mode 2.25 / Shear		Cal. Chk. 1630		3/4T	35	4.5	4.9	3/4T	35	4.5	4.9
Scanning 71.4		"A" Dimension .70"		Cal. Out 17:46		1T	10	6.2	6.6	1T	10	6.2	6.6
Reject OFF		Nom Angle 60 °		Ref. Blk. No. 796478		Calibration Remarks: 2 Scan Performed from Nozzle Side; 5 Scan Performed from Vessel Side; Reference Relief Request 6 for coverage caculations.							
Frequency 2.25		Meas Angle 62 °		Reflector/dB HOLE/59.4									
Mode P/E		Cable Type / No. Conn. RG58 / 1		Amp/Sweep 20 % / 1.5									
Damping 500 ohms		Cable Length 20'											

Comp Temp.		86 °F		Configuration - SAFETY NOZZLE TO PZR TOP HEAD										Wo Loc.			C/L OF WELD			Lo Loc.			.
Scan Dir.	Results			Ind No.	% DAC	Length			Reference Measurement			Sweep Position			Thickness			Notes:					
	NI	NRI	RI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1"←	C/L	→1"						
8	○	●	○																				
7	○	●	○																				
5	○	●	○																				
2	○	●	○																				

Examination/Limitation Remarks: *OUTSIDE RADIUS OF ABOVE ELBOW
Relief Request - 6 gal 10-17-01

Total Length of Weld 360°	Crown Width FLUSH	Total Length of Weld Examined 5 (L) NL 2 (L) NL 7 and 8 (W) NL				Extent of Perpendicular Scans (W) 5- From NL to BOSS 2- From BOSS to NL				Extent of Parallel Scans (L) From (5) NL to (2) NL			
Primary Examiner James F. Halley	Level III	Initials JFH	Assistant Examiner N/A		Level N/A	Initials	Non-Technical Review Lynda Duke		Date 10-17-01				
SNC NDE Level II/III Review Samuel Roffler		Level III	Date 10-17-01	Percentage of Code Coverage 75% complete	ANII Review C. G. Ward		Date 10/18/01						

Unit 1	Sketch/Component Number ALA1-2100-13										Date 10/14/01		Sheet No. S01F1U079		Page 1 of 1						
Procedure/Rev./TCN FNP-0-NDE-100.34 / 6.0 / N/A						Couplant/Batch No. Ultragel II / 01125				Thermometer/SN/Cal Due Date 43619 2/25/02		Linearity Sheet No. S01F1L001									
Instrument Staveley / SONIC 136				Search Unit Transducer Mfg. KBA				Calibration Block Cal. Blk. No. APR-7				Axial Scan Calibration				Circ Scan Calibration					
Serial No. 136-911K				Serial Number 009XBL				Thickness 3.5				Cal. Refl.				Signal Amp.					
Axial dB				Circ dB				Model No. 113-292-600				Sweep Div.				Wmax					
Reference 56.6				56.6				Cal. Temp 69 °F				1/4T				80					
Scanning 68.6				68.6				Cal. In 12:20				1/2T				35					
Reject OFF				"A" Dimension .90"				Cal. Chk. 1645													
Frequency 2.25				Nom Angle 70 °				Cal. Out 17:50													
Mode P/E				Meas Angle 70 °				Ref. Blk. No. 796478													
Damping 500 OHMS				Cable Type / No. Conn. RG58 / 1				Reflector/dB HOLE/48.4													
				Cable Length 20'				Amp/Sweep 80 % / 3.7													
Comp Temp. 86 °F				Configuration - SAFETY NOZZLE TO PZR TOP HEAD								Wo Loc. C/L OF WELD				Lo Loc. .					
Scan Dir.	NI	NRI	RI	Ind No.	% DAC	L1	Lmax	L2	Reference Measurement W1 Wmax W2			Sweep Position S1 Smax S2			Thickness 1"← C/L →1"		Notes:				
8	○	●	○																		
7	○	●	○																		
5	○	●	○																		
2	○	●	○																		
Examination/Limitation Remarks: *OUTSIDE RADIUS OF ABOVE ELBOW Relief Request - 6 Hal 10-17-01																					
Total Length of Weld 360°		Crown Width FLUSH		Total Length of Weld Examined 5 (L) NL 2 (L) NL 7 and 8 (W) NL						Extent of Perpendicular Scans (W) 5- From NL to BOSS 2- From BOSS to NL						Extent of Parallel Scans (L) From (5) NL to (2) NL					
Primary Examiner James F. Halley				Level III		Initials JFH		Assistant Examiner N/A				Level N/A		Initials		Non-Technical Review Lynda Duke				Date 10-17-01	
SNC NDE Level II/III Review [Signature]						Date 10-17-01		Percentage of Code Coverage 75% composite				ANII Review [Signature]				Date 10/18/01					

Unit 1	Weld Number ALA1-2100-13	Procedure/Rev./TCN FNP-0-NDE-100.11 / 4.0 / N/A			Sheet No. S01F1M003	Page 6 of 6
Thermometer Mfg./Ser. No. PTC / 43619 Cal. Due Date 02/25/02 Surface Temp. 86 ° F		Magnetizing Yoke Mfg.: Parker Power AC Serial No.: 2827 Pole Spacing: 7.5" Field Indicator S/N: N/A Field Indicator Acceptable [Y/N] N/A			MT Materials Mfg.: Magnaflux Batch Number: 95H062 Color: Red Type: No. 8A	
Component Configuration SAFETY NOZZLE TO PZR TOP HEAD				% of Length Coverage 100%	Date 10/14/01	
				% of Area Coverage 100%		
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.			Remarks	
N/A	NI	N/A			NONE	

Remarks: Supplemental Surface Exam.

Primary Examiner Harry Ackerman	ASNT Level II	Initials H/A	Assistant Examiner John W. Bell	ASNT Level II	Initials JWB	Non-Technical Review Lynnda Duke	Date 10-16-01
SNC NDE Level II/III Review Larry A. Loftis		Date 10-16-01	Percentage of Code Coverage 100	ANII Review C. G. Wood		Date 10/17/01	

Revision 4.

Unit 1	Sketch/Component Number ALA1-2100-13IR	Date 10/13/01	Sheet No. S01F1U055	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.38 / 2.0 / N/A		Couplant/Batch No. UltrageI II / 01125	ThermometerSN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L002

Instrument			Search Unit		Calibration Block		Axial Scan Calibration				Circ Scan Calibration				
Instrument	Staveley / SONIC 136		Transducer Mfg.	KBA	Cal. Blk. No.	ALA-38		Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	136-911K		Serial Number	007RMJ	Thickness	6.01		A NOTCH	80%	3.0	2.7"	N/A			
	Axial dB	Circ dB	Model No.	113-242-591	Cal. Temp	75 °F		B NOTCH	60%	5.0	3.4"	N/A			
Reference	N/A	66.6	Size / No.	.50 Shape Round	Cal. In	12:00		C NOTCH	50%	7.0	4.0"	N/A			
Scanning	N/A	72.6	Frequency/Mode	2.25 / Shear	Cal. Chk.	13:50									
Reject	OFF		"A" Dimension	.35"	Cal. Out	15:30		Calibration Remarks:							
Frequency	2.25		Nom Angle	20 °	Ref. Blk. No.	796478		w Max taken from top clad edge of block							
Mode	P/E		Meas Angle	20 °	Reflector/dB	HOLE / 68									
Damping	500 OHMS		Cable Type / No. Conn.	RG174 / 0	Amp/Sweep	100 % / 1.5									
			Cable Length	12'											

Comp Temp.	86 °F	Configuration -	PZR NOZZLE INNER RADIUS					Wo Loc.	C/L OF RADIUS			Lo Loc.	*					
Scan Dir.	Results			Ind No.	% DAC	Length			Reference Measurement			Sweep Position			Thickness			Notes:
	NI	NRI	RI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1"←	C/L	→1"	
8	○	●	○															
7	○	●	○															

Examination/Limitation Remarks: *OUTSIDE RADIUS OF ABOVE ELBOW

Total Length of Weld	NA	Crown Width	NA	Total Length of Weld Examined			Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)										
				5 (L)	NA	2 (L)	NA	7 and 8 (W)	NA	5- From	NA	to	NA	2- From	NA	to	NA	From (5)	NA	to (2)	NA
Primary Examiner	Level		Initials	Assistant Examiner		Level		Initials	Non-Technical Review		Date										
James F. Halley	III		JFH	N/A		N/A			Lynda Duke		10-17-01										
SNC NDE Level II/III Review	Date		Percentage of Code Coverage	ANII Review		Date															
Barry D. Loftis	10-18-01		100	C. Ward		10/18/01															

Farley Nuclear Plant
Ultrasonic Performance Record

SHARED

FNP-0-NDE-100.34
Southern Nuclear Operating Company

Plant/Unit Farley / 1		Sheet No. S01F1U082		Page 1 of 1	
Instrument Manufacturer Staveley		Model SONIC 136		Serial No. 136-911K	
Search Unit Type/Manufacturer Beam KBA		Size .5" x 1.0" Frequency 2.25 MHz		Angle 70 ° Serial No. 009XBL	
Search Unit Cable Type RG-58		Length / Number Connectors 20' / 1		Calibration Block Serial No. And Thickness APR-7 / 3.5	
Couplant Batch Number Ultragel II / 01125		Demonstration of Flaw Detectability <input checked="" type="checkbox"/> Acceptable			

BEAM SPREAD MEASUREMENT

	Surface Distance	Metal Path	
1/4 T Hole			
Minimum (20% DAC Near)	1.90	2.10	
Minimum (50% DAC Near)	2.10	2.28	
Maximum Signal	2.47	2.63	
Minimum (50% DAC Far)	3.52	3.63	
Minimum (20% DAC Far)	4.40	4.49	
1/2 T Hole			
Minimum (20% DAC Near)	3.70	4.09	
Minimum (50% DAC Near)	3.85	4.23	
Maximum Signal	4.53	4.82	
Minimum (50% DAC Far)	*	*	
Minimum (20% DAC Far)	*	*	
3/4 T Hole			
Minimum (20% DAC Near)	N/A	N/A	
Minimum (50% DAC Near)	N/A	N/A	
Maximum Signal	N/A	N/A	
Minimum (50% DAC Far)	N/A	N/A	
Minimum (20% DAC Far)	N/A	N/A	

Remarks: * 1/2T 50% & 20% FAR DAC POINTS ARE OFF SCREEN

No Indications recorded. Hal 10-18-01

Examiner James F. Halley JFH	ASNT Level III	Examiner N/A	ASNT Level N/A	Date 10/14/01
NDE Level II/III Review <i>Henry R. Jeffers</i>		ASNT Level III		Date 10-18-01 Revision 6.

Plant/Unit Farley / 1		Sheet No. S01F1U081		Page 1 of 1	
Instrument Manufacturer Staveley		Model SONIC 136		Serial No. 136-911K	
Search Unit Type/Manufacturer Beam KBA		Size .5" x 1.0"	Frequency 2.25 MHz	Angle 60 °	Serial No. 009XBK
Search Unit Cable Type RG-58		Length / Number Connectors 20' / 1		Calibration Block Serial No. And Thickness APR-7 / 3.5	
Couplant Batch Number Ultragel II / 01125		Demonstration of Flaw Detectability <input checked="" type="checkbox"/> Acceptable			

BEAM SPREAD MEASUREMENT

	Surface Distance	Metal Path
1/4 T Hole		
Minimum (20% DAC Near)	1.25	
Minimum (50% DAC Near)	1.30	
Maximum Signal	1.60	
Minimum (50% DAC Far)	2.10	
Minimum (20% DAC Far)	2.40	
1/2 T Hole		
Minimum (20% DAC Near)	2.50	
Minimum (50% DAC Near)	2.70	
Maximum Signal	3.40	
Minimum (50% DAC Far)	4.20	
Minimum (20% DAC Far)	4.55	
3/4 T Hole		
Minimum (20% DAC Near)	3.70	
Minimum (50% DAC Near)	4.10	
Maximum Signal	4.90	
Minimum (50% DAC Far)	5.90	
Minimum (20% DAC Far)	6.40	

Remarks: N/A

No Indications recorded.
Hal 10-18-01

Examiner James F. Halley	ASNT Level III	Examiner N/A	ASNT Level N/A	Date 10/14/01
NDE Level II/III Review Harry D. Doffler		ASNT Level III		Date 10-18-01

Revision 6.

Farley Nuclear Plant
Ultrasonic Performance Record

SHARED

FNP-0-NDE-100.34
Southern Nuclear Operating Company

Plant/Unit Farley / 1		Sheet No. S01F1U080		Page 1 of 1	
Instrument Manufacturer Staveley		Model SONIC 136		Serial No. 136-911K	
Search Unit Type/Manufacturer Beam KBA		Size .5" x 1.0"	Frequency 2.25 MHz	Angle 45 °	Serial No. 00B955
Search Unit Cable Type RG-58		Length / Number Connectors 20' / 1		Calibration Block Serial No. And Thickness APR-7 / 3.5	
Couplant Batch Number Ultragel II / 01125		Demonstration of Flaw Detectability <input checked="" type="checkbox"/> Acceptable			

BEAM SPREAD MEASUREMENT

	Surface Distance	Metal Path
1/4 T Hole		
Minimum (20% DAC Near)	.75"	
Minimum (50% DAC Near)	.8"	
Maximum Signal	.9"	
Minimum (50% DAC Far)	1.05"	
Minimum (20% DAC Far)	1.2"	
1/2 T Hole		
Minimum (20% DAC Near)	1.50"	
Minimum (50% DAC Near)	1.60"	
Maximum Signal	1.75"	
Minimum (50% DAC Far)	2.0"	
Minimum (20% DAC Far)	2.2"	
3/4 T Hole		
Minimum (20% DAC Near)	2.25"	
Minimum (50% DAC Near)	2.35"	
Maximum Signal	2.55"	
Minimum (50% DAC Far)	2.95"	
Minimum (20% DAC Far)	3.25"	

Remarks: N/A

No Indications recorded.
Sal 10-18-01

Examiner James F. Halley	ASNT Level III	Examiner N/A	ASNT Level N/A	Date 10/14/01
NDE Level II/III Review <i>James F. Halley</i>		ASNT Level <i>III</i>		Date 10-18-01

Revision 6.

SHARED

Farley Nuclear Plant
Ultrasonic Performance Record for Inner Radius Examinations

FNP-0-NDE-100.38
Southern Nuclear Operating Company

Plant/Unit Farley / 1		Sheet No. S01F1U056	Page 1 of 1
Instrument Manufacturer Staveley	Model SONIC 136	Serial No. 136-911K	
Search Unit Type/Manufacturer KBA	Size .50 Frequency 2.25 MHz	Angle 20 °	Serial No. 007RMJ
Search Unit Cable Type RG174	Length / Number Connectors 12' / 0	Calibration Block Serial No. And Thickness ALA-38 / 6.01	
Couplant Batch Number Ultrigel II / 01125	Demonstration of Flaw Detectability <input checked="" type="checkbox"/> Acceptable		

BEAM SPREAD MEASUREMENTS

	Surface Distance			Metal Path		
	100%	50%	20%	100%	50%	20%
Notch A						
Maximum	2.7"			3.5"		4.25"
Near		2.4"	2.18"		4.4"	4.25"
Far		2.9"	3.2"		3.8"	3.8"
Notch B						
Maximum	3.4"			4.5"		
Near		2.95"	2.8"		4.4"	4.25"
Far		3.6"	3.8"		4.55"	4.7"
Notch C						
Maximum	4"			5.4"		
Near		3.8"	3.6"		5.3"	5.25"
Far		4.3"	4.6"		5.45"	5.58"

Remarks:

Examiner James F. Halley	SNT Level III	Examiner N/A	SNT Level N/A	Date 10/13/01
NDE Level I/III Review <i>James A. Loftis</i>		SNT Level III		Date 10-18-01

Revision 2.0

1.3

NO EXAMINATIONS SCHEDULED THIS OUTAGE

1.4

DRAWING ALA1-4101
12" RHR TAKE OFF-HOT LEG LOOP 1

[illegible]

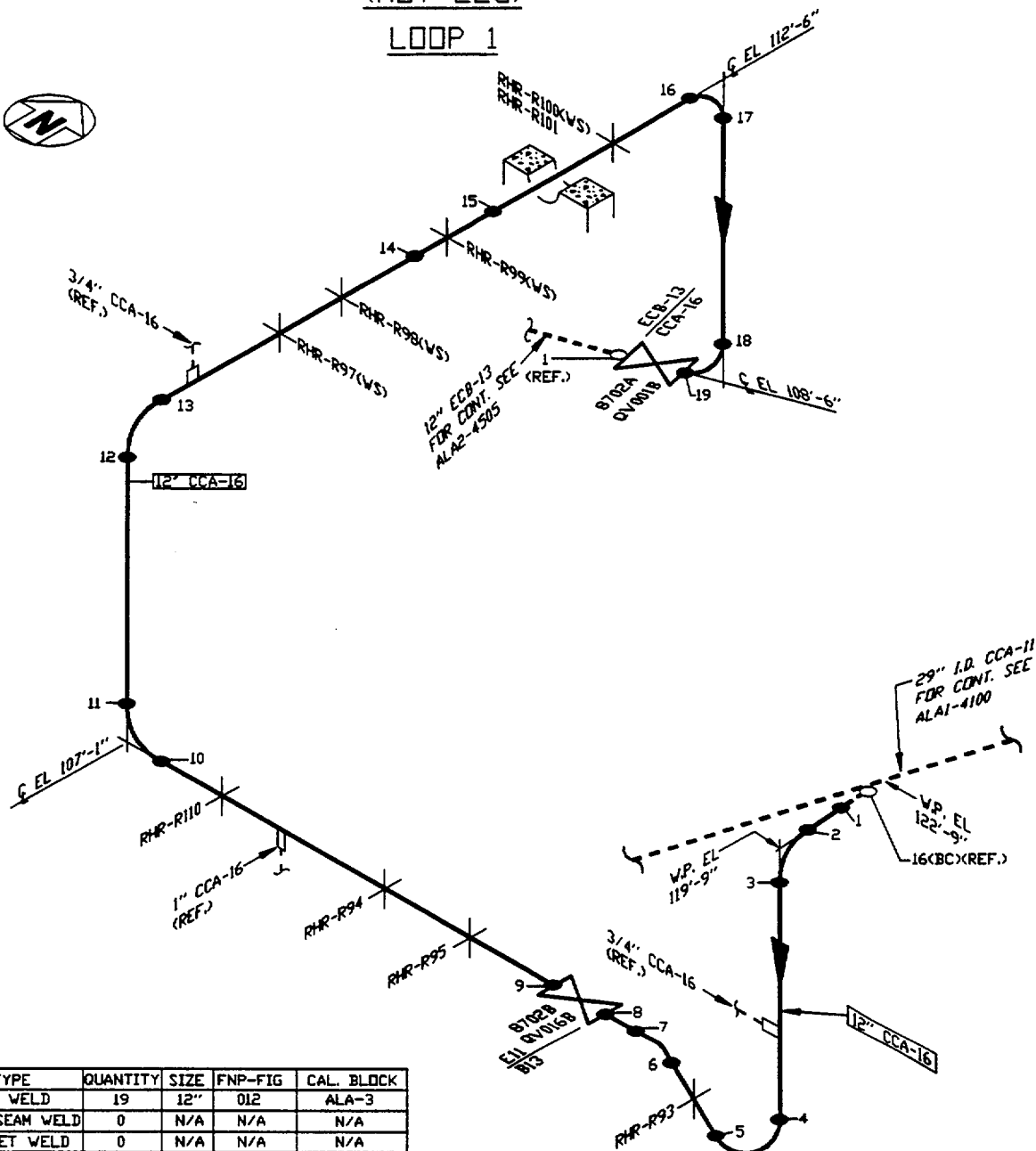
CONTAINMENT

12" RHR TAKE-OFF

ALA1-4101

(HOT LEG)

LOOP 1



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	19	12"	012	ALA-3
LONG SEAM WELD	0	N/A	N/A	N/A
SOCKET WELD	0	N/A	N/A	N/A
WELDED SUPP.	4	N/A	019	N/A
COMP. SUPPORT	9	N/A	037	N/A

VALVE BOLTING (SEE ALA1-6300 SH. 2)

LINE NUMBER: Q-1-B13-CCA-16
Q-1-E11-CCA-16

BOUNDARY DIAGRAM D-351114 SH. 1

REFERENCE ISO'S D-514690 SH.1 & 2

LINE SIZE: 12" CCA-16

1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG for DEV		
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162.	CAB	CCM for WRH	AH	DML
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4

Southern Company Services, Inc. for B13-REACTOR COOLANT & E11-RHR SYSTEM

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

17

1

CAD ALA14101
AUTOCAD JLB-03

Farley Nuclear Plant
Support Examination Record VT-3

SHARED

FNP-0-NDE-100.23
Southern Nuclear Operating Company

Plant/ Unit Farley / 1	System/Support No ALA1-4101-RHR-R98	WO/WA/STP N/A	Sheet No. S01F1V041
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Hanger Type ONE DIRECTIONAL RESTRAINT W/ATTACH	Type Exam/Technique VT-3 / Direct	Procedure/Version FNP-0-NDE-100.23 / 5.0 / N/A	Exam Date 10/11/01
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Examiner Signature James F. Halley	Level III	Resolution 1/32" Division (Scale) <input checked="" type="checkbox"/>	Tools FLASHLIGHT
Examiner Signature John W. Bell	Level III	Resolution 1/32" Line (Gray Card) <input checked="" type="checkbox"/>	

EXAMINATION LIST:	Acceptable/ Unacceptable/ NA	Sketch (if applicable)
Deformation or structural degradation of fasteners, springs, clamps, or other support items.	Acceptable	
Missing, detached, or loosened support items.	Acceptable	
Arc strikes, weld spatter, paint scoring, roughness, or general corrosion on close tolerance machined or sliding surfaces or on the wire strands of Wear devices.	N/A	
Any crack or linear indication.	Acceptable	
Fluid loss or lack of fluid indication (hydraulic snubber only).	N/A	
Other conditions	N/A	
Spring Can Hot and Cold Positions (draw sketch)	Time of Exam N/A	N/A
Constant Spring Hanger (Sketch setting of pointer and setting location of the hot (red) and cold (white) stickers)		
Identification Plate Calibrated Load Setting	N/A	

Comments:

N/A

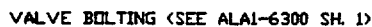
NDE Level II/III Review <i>Daryl A. Soffers</i>	Date: 10-13-01	ANII Review <i>EGW</i>	Date: 10/13/01
Version 5.0		Page 1 of 1	

Unit 1	Component Number ALA1-4101-RHR-R98 (W2)	Procedure/Rev./TCN FNP-0-NDE-100.5 / 6.0 / N/A	Sheet No. S01F1P004	Page 1 of 1
Thermometer Mfg/Ser. No. PTC / 43619 Cal. Due Date 02/25/02 Surface Temp. 86 ° F		Penetrant Materials Manufacturer Magnaflux Cleaner / Remover SKC-S Penetrant SKL-SP Developer SKD-S2		
Component Configuration WELDED ATTACHMENT		% of Length Coverage 100%	Date 10/12/01	
% of Area Coverage 100%				
Ind. No.	Results	Dwell Time	Indication Desc. / Exam Limitations / etc.	Remarks
N/A	NRI	12	N/A	N/A

Primary Examiner James F. Halley	ASNT Level III	Initials JFH	Assistant Examiner John W. Bell	ASNT Level II	Initials JWB	Non-Technical Review Lynda Duke	Date 10-17-01
SNC NDE Level II/III Review James F. Halley	ASNT Level III	Date 10-17-01	Percentage of Code Coverage 100	ANII Review JWB			Date 10/18/01
							Revision 6.

DRAWING ALA1-4205
4" SPRAY LINE-COLD LEG LOOP 2

[illegible]



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	34	4"	012	ALA-7
BRANCH CONN.	1	2"	014	N/A
DISSIMILAR METAL	1	6"	012	APR-1
SOCKET WELD	0	N/A	N/A	N/A
WELDED SUPP.	3	N/A	019	N/A
COMP. SUPPORT	23	N/A	037	N/A

REFERENCE ISO'S	D-514688 SH. 2 & 3
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1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG ^{DEV}		
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162.	CAB	CCM for ^{WRH}	AH	DML
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4

B13-REACTOR COOLANT

REV.

A-351192

34

1

Unit 1	Sketch/Component Number ALA1-4205-35DM	Date 10/13/01	Sheet No. S01F1U064	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.31 / 8.0 / N/A		Couplant/Batch No. Ultragel II / 01125	ThermometerSN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scan Calibration				Circ Scan Calibration			
Instrument	Staveley / SONIC 136		Transducer Mfg.	RTD	Cal. Blk. No.	APR-1	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	136-911K		Serial Number	99-822	Thickness	0.719	1T	80%	8.0	.72	1T	80%	9.0	1.1
	Axial dB	Circ dB	Model No.	45° TRL 2-Aust	Cal. Temp	73 °F	1/2TSDH	100+	4.0	NA	1/2TSDH	100+	4.2	N/A
Reference	70.6	76	Size / No.	2(8x14) Shape Rect.	Cal. In	11:45								
Scanning	76.6	82	Frequency/Mode	2.0 / Long	Cal. Chk.	1359								
Reject	OFF		"A" Dimension	.44"	Cal. Out	15:33	Calibration Remarks: N/A							
Frequency	2.25		Nom Angle	45°	Ref. Blk. No.	801101								
Mode	DUAL		Meas Angle	45°	Reflector/dB	1°RAD/47								
Damping	500 OHMS		Cable Type / No. Conn.	RG174 /1	Amp/Sweep	80 % / 7.4								
			Cable Length	16'										

Comp Temp.	86 °F	Configuration -	SAFE END TO PZR NOZZLE										Wo Loc.	WELD C/L		Lo Loc.	*
Scan Dir.	NI	Results	Ind No.	% DAC	Length			Reference Measurement			Sweep Position			Thickness		Notes:	
		NRI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1"←	C/L		→1"
8	○	●	○														
7	○	●	○														
5	○	●	○														
2	○	●	○														

Examination/Limitation Remarks: See previous Data for Scan Limitations 80% Examined
*OUTSIDE RADIUS OF ABOVE ELBOW

Total Length of Weld	21"	Crown Width	.7"	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)									
				5 (L)	NL	2 (L)	NL	7 and 8 (W)	NL	5- From	0	to	1"	2- From	0	to	1.35"	From (5)	NL	to (2)	NL
Primary Examiner	Level	Initials	Assistant Examiner	Level	Initials	Non-Technical Review				Date											
James F. Halley	III	JFH	N/A	N/A		Lynda Duke				10-17-01											
SNC NDE Level II/III Review				Date	Percentage of Code Coverage	ANII Review				Date											
[Signature]				10-18-01	81% composite	[Signature]				10/18/01											

Unit 1	Sketch/Component Number ALA1-4205-35DM	Date 10/13/01	Sheet No. S01F1U065	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.31 / 8.0 / N/A		Couplant/Batch No. Ultragel II / 01125	Thermometer/SN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument Staveley / SONIC 136		Search Unit Transducer Mfg. RTD		Calibration Block Cal. Blk. No. APR-1		Axial Scan Calibration				Circ Scan Calibration			
Serial No. 136-911K		Serial Number 01-985		Thickness 0.719		Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Axial dB		Model No. 60° TRL 2 - Aust		Cal. Temp 73 °F		1T	80%	8.0	1.2	1T	80%	7.8	1.25
Reference 79		Size / No. 2(8x14) Shape Rect.		Cal. In 11:22		1/2TSDH	80%	4.0	NA	1/2TSDH	80	4.0	NA
Scanning 85		Frequency/Mode 2.0 / Long		Cal. Chk. 1404									
Reject OFF		"A" Dimension .4"		Cal. Out 15:33		Calibration Remarks:							
Frequency 2.25		Nom Angle 60° °		Ref. Blk. No. 801101		N/A							
Mode DUAL		Meas Angle 60° °		Reflector/dB 1°RAD / 52									
Damping 500 OHMS		Cable Type / No. Conn. RG174 / 1		Amp/Sweep 90 % / 5.3									
		Cable Length 16'											

Comp Temp. 86 °F	Configuration - SAFE END TO PZR NOZZLE	Wo Loc. WELD C/L	Lo Loc. *
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Scan Dir.	NI	NRI	RI	Ind No.	% DAC	L1	Lmax	L2	Reference Measurement W1 Wmax W2	Sweep Position S1 Smax S2	Thickness 1"← C/L →1"	Notes:
8	○	●	○									
7	○	●	○									
5	○	●	○									
2	○	●	○									

Examination/Limitation Remarks: See Previous Data for Scan Limitations 70% Examined.
*OUTSIDE RADIUS OF ABOVE ELBOW

Total Length of Weld 21"	Crown Width .7"	Total Length of Weld Examined 5 (L) NL 2 (L) NL 7 and 8 (W) NL	Extent of Perpendicular Scans (W) 5- From 0 to 1" 2- From 0 to 1.3"	Extent of Parallel Scans (L) From (5) NL to (2) NL
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Primary Examiner James F. Halley	Level III	Initials JFH	Assistant Examiner N/A	Level N/A	Initials	Non-Technical Review Lynda Duke	Date 10-17-01
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SNC NDE Level II/III Review	Date 10-18-01	Percentage of Code Coverage 81% composite	ANII Review	Date 10/18/01
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Unit 1	Sketch/Component Number ALA1-4205-35DM	Date 10/13/01	Sheet No. S01F1U066	Page 1 of 2
Procedure/Rev./TCN FNP-0-NDE-100.31 / 8.0 / N/A		Couplant/Batch No. Ultragel II / 01125	ThermometerSN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument Staveley / SONIC 136		Search Unit Transducer Mfg. KBA		Calibration Block Cal. Blk. No. APR-1		Axial Scan Calibration				Circ Scan Calibration			
Serial No. 136-911K		Serial Number 00LCPD		Thickness 0.719		Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Axial dB 34		Model No. 113-222-591		Cal. Temp 73 °F		1T	80%	3.0	.719	1T	80%	3.0	1.1
Circ dB 41.2		Size / No. .25" Shape Round		Cal. In 11:00		2T	40%	6.0	1.42	2T	50%	6.4	1.7
Reference 34		Frequency/Mode 2.25 / Shear		Cal. Chk. 1409		3T	25%	9.0	2.15	N/A			
Scanning 46		"A" Dimension .3"		Cal. Out 15:33									
Reject OFF		Nom Angle 45 °		Ref. Blk. No. 801101		Calibration Remarks:							
Frequency 2.25		Meas Angle 45 °		Reflector/dB SDH / 34		N/A							
Mode P/E		Cable Type / No. Conn. RG174 / 0		Amp/Sweep 20 % / 3									
Damping 500 OHMS		Cable Length 10'											

Comp Temp. 86 °F		Configuration - SAFE END TO PZR NOZZLE				Wo Loc. WELD C/L				Lo Loc. .								
Scan Dir.	Results			Ind No.	% DAC	Length			Reference Measurement			Sweep Position			Thickness			Notes:
	NI	NRI	RI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1"←	C/L	→1"	
8	○	●	○															
7	○	●	○															
5	○	●	○															
2	○	●	○															

Examination/Limitation Remarks: See Previous Data for Weld Profile 100% Examined.
*OUTSIDE RADIUS OF ABOVE ELBOW

Total Length of Weld 21"	Crown Width .7"	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)			
		5 (L) NL	2 (L) NL	7 and 8 (W) NL		5- From NL to NL	2- From NL to NL		From (5) NL to (2) NL				
Primary Examiner James F. Halley	Level III	Initials JFH	Assistant Examiner N/A		Level N/A	Initials	Non-Technical Review Lynda Anke		Date 10-17-01				
SNC NDE Level II/III Review Larry D. Loftis		Level III	Date 10-18-01	Percentage of Code Coverage 81%	ANII Review C. Howard		Date 10/18/01						

SOIF/066
2 of 2

Lang A. Loftis III

WESTINGHOUSE NUCLEAR SERVICE DIVISION
INSPECTION SERVICES

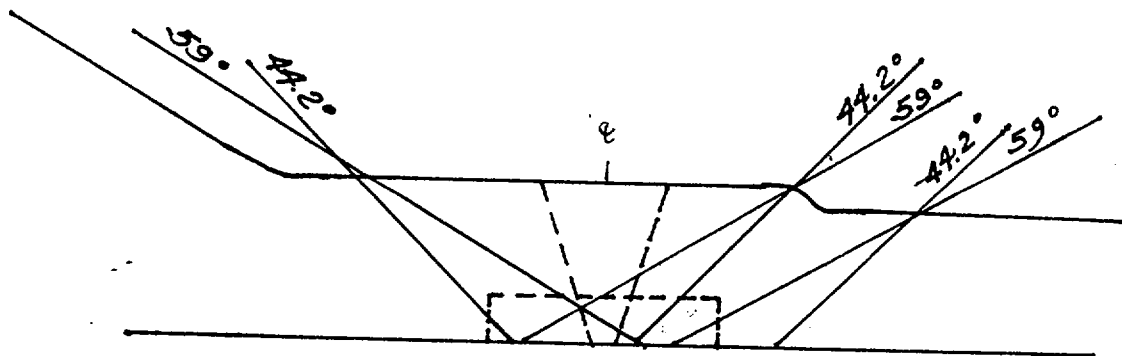
LIMITATION TO EXAMINATION

PLANT J. M. FARLEY UNIT No. 1 SKETCH ALA1-4205
SYST/COMP 4" SPRAY LINE LOOP 2 PROCEDURE FNP-O-NDE-157.12
FNP-IST-206, REV. 5
EXAMINER James R. Dellunsa DATE 3-25-94
LEVEL II

RELATED TO: U/T X P/T _____ M/T _____ V/T _____ ITEM(S): 35 (DM)

PROVIDE GENERAL INFORMATION TO DESCRIBE APPROXIMATE SIZE, LOCATION AND TYPE OF LIMITATION.

WELD PROFILE ILLUSTRATIVE ONLY



ALL BEAM ANGLES AND WELD
VOLUME COVERAGE ESTIMATED

Unit 1	Component Number ALA1-4205-35DM	Procedure/Rev./TCN FNP-0-NDE-100.5 / 6.0 / N/A			Sheet No. S01F1P003	Page of
Thermometer Mfg/Ser. No. PTC / 43619 Cal. Due Date 02/25/02 Surface Temp. 86 ° F		Penetrant Materials Manufacturer Magnaflux Cleaner / Remover SKC-S Penetrant SKL-SP Developer SKD-S2				Batch 99J01K 96J02K 98D11K
Component Configuration SAFE END TO PZR NOZZLE				% of Length Coverage 100% % of Area Coverage 100%	Date 10/12/01	
Ind. No.	Results	Dwell Time	Indication Desc. / Exam Limitations / etc.		Remarks	
N/A	NRI	15	N/A		N/A	

Primary Examiner James F. Halley	ASNT Level III	Initials JFH	Assistant Examiner John W. Bell	ASNT Level II	Initials gwb	Non-Technical Review Lynda Duke	Date 10-17-01
SNC NDE Level II/III Review Darryl L. Lofgren		Date 10-17-01	Percentage of Code Coverage 100	ANII Review C. H. Wood		Date 10/19/01	

Revision 6.

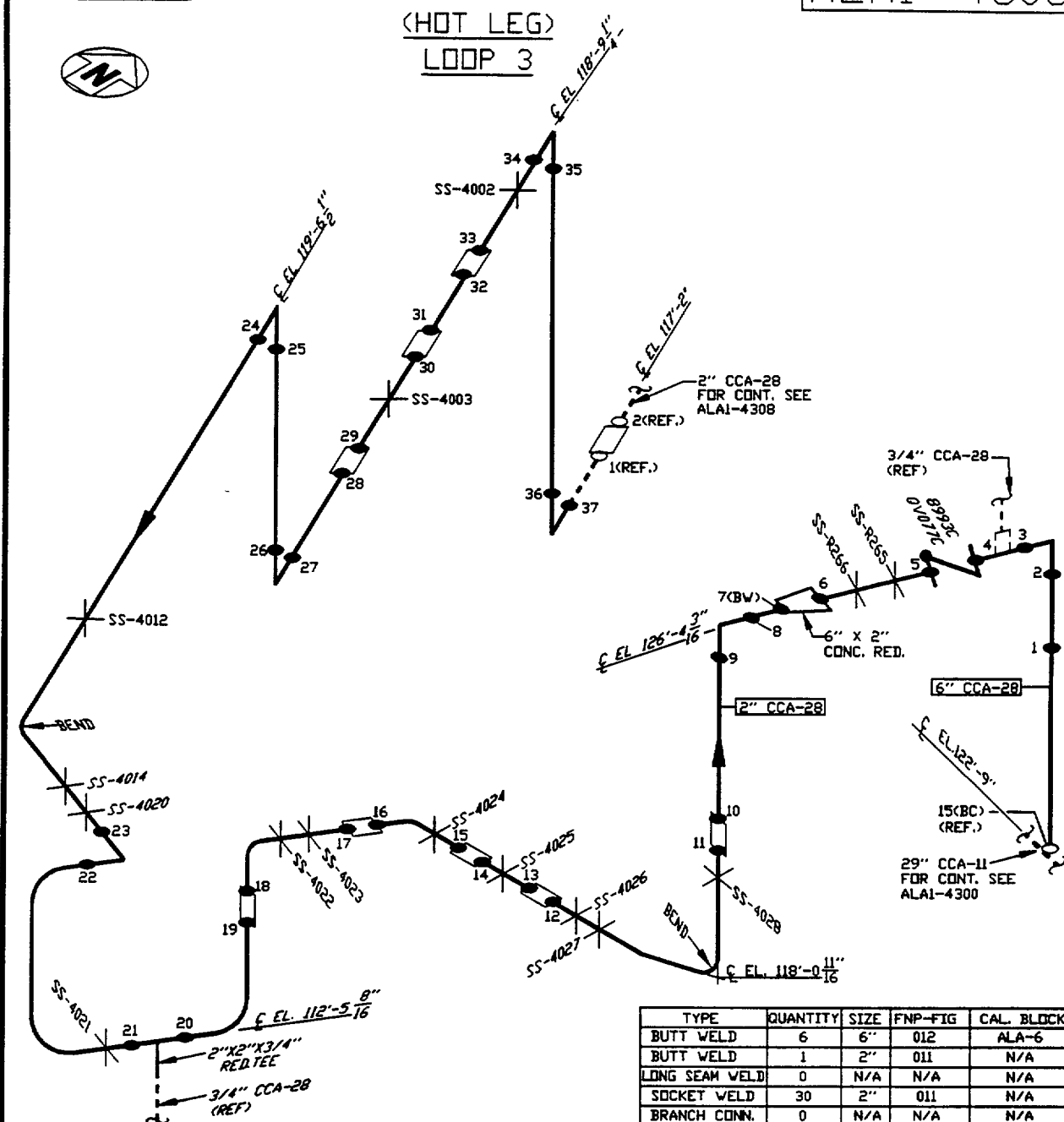
DRAWING ALA1-4305
6" SAFETY INJECTION SYSTEM-HOT LEG LOOP 3

[illegible]

CONTAINMENT

6" SAFETY INJECTION SYSTEM

ALA1-4305



VALVE BOLTING (SEE ALA1-6300 SH. 1)

TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	6	6"	012	ALA-6
BUTT WELD	1	2"	011	N/A
LONG SEAM WELD	0	N/A	N/A	N/A
SOCKET WELD	30	2"	011	N/A
BRANCH CONN.	0	N/A	N/A	N/A
WELDED SUPP.	0	N/A	N/A	N/A
COMP. SUPPORT	15	N/A	037	N/A

LINE NUMBER: Q-1-E21-CCA-28

BOUNDARY DIAGRAM

D-351115 SH. 1

LINE SIZE: 6" CCA-28; 2" CCA-28

REFERENCE ISD'S

D-514687 SH. 2

D-514715 SH. 1

D-514988 SH. 1

D-514985 SH. 1

REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4
1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG	DEV	
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162.	CAB	CCM	for	NRH
							AH	DML

Southern Company Services, Inc. For

E21-SAFETY INJECTION SYSTEM

 ALABAMA POWER COMPANY
 JOSEPH M. FARLEY NUCLEAR PLANT
 UNIT 1

SCS DRAWING NUMBER

A-351192

SHEET

47

REV.

1

 CAD ALA14305
 AUTOCAD RAV-02

Farley Nuclear Plant
Support Examination Record VT-3

SHARED

FNP-0-NDE-100.23
Southern Nuclear Operating Company

Plant/ Unit Farley / 1	System/Support No ALA1-4305-SI-R266	WOW/ASTP N/A	Sheet No. S01F1V043
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Hanger Type HYDRAULIC SNUBBER	Type Exam/Technique VT-3 / Direct	Procedure/Version FNP-0-NDE-100.23 / 5.0 / N/A	Exam Date 10/11/01
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Examiner Signature James F. Halley	Level III	Resolution 1/32" Division (Scale) <input type="checkbox"/>	Tools FLASHLIGHT, MIRROR
Examiner Signature George Morini	Level II	Resolution 1/32" Line (Gray Card) <input checked="" type="checkbox"/>	

EXAMINATION LIST:

Sketch (if applicable)

	Acceptable/ Unacceptable/ NA
Deformation or structural degradation of fasteners, springs, clamps, or other support items.	Acceptable
Missing, detached, or loosened support items.	Acceptable
Arc strikes, weld spatter, paint scoring, roughness, or general corrosion on close tolerance machined or sliding surfaces or on the wire strands of Wear devices.	Acceptable
Any crack or linear indication.	Acceptable
Fluid loss or lack of fluid indication (hydraulic snubber only).	Acceptable
Other conditions	Acceptable
Spring Can Hot and Cold Positions (draw sketch)	Time of Exam N/A
Constant Spring Hanger (Sketch setting of pointer and setting location of the hot (red) and cold (white) stickers)	N/A
Identification Plate Calibrated Load Setting	N/A

Comments:

N/A

NDE Level II/III Review Larry A. Dwyer III	Date: 10-13-01	ANII Review C. G. Wood	Date: 10/13/01
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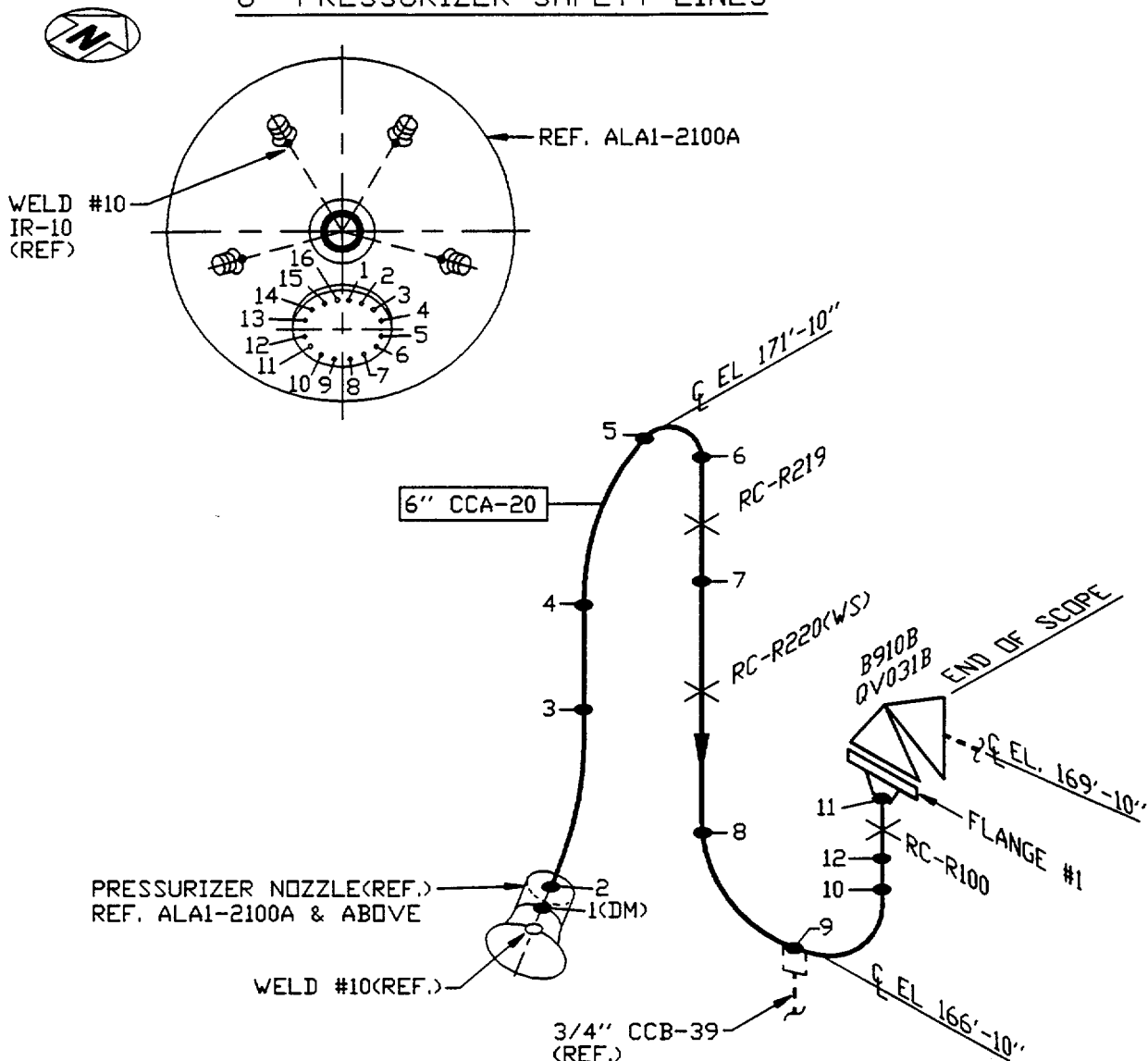
DRAWING ALA1-4502
6" PRESSURIZER SAFETY LINES

[illegible]

CONTAINMENT

PRSRZR. NOZ TO VESSEL WELDS 6" PRESSURIZER SAFETY LINES

ALA1-4502



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	11	6"	012	ALA-6
DISSIMILAR METAL WELD	1	8"	012	ALA-5
SOCKET WELD	0	N/A	N/A	N/A
BRANCH CONN.	0	N/A	N/A	N/A
WELDED SUPP.	1	N/A	019	N/A
COMP. SUPPORT	3	N/A	037	N/A

FLANGE BOLTING (SEE ALA1-4700)
VALVE BOLTING (SEE ALA1-6300 SH. 1)

LINE NUMBER: Q-1-B13-CCA-20

BOUNDARY DIAGRAM D-351114 SH. 2

REFERENCE ISO'S D-514652 SH. 3

LINE SIZE: 6" CCA-20

1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG	NEW		
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162.	CAB	CCM	FOR	WRH	
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

B13 - REACTOR COOLANT

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

57

1

CAD ALA14502
AUTOCAD RAV-02

Unit 1	Sketch/Component Number ALA1-4502-1DM	Date 10/13/01	Sheet No. S01F1U060	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.31 / 8.0 / N/A		Couplant/Batch No. Ultragel II / 01125	ThermometerSN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument Staveley / SONIC 136		Search Unit Transducer Mfg. KBA		Calibration Block Cal. Blk. No. ALA-5		Axial Scan Calibration				Circ Scan Calibration			
Serial No. 136-911K		Serial Number 00LCPD		Thickness 0.906		Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Axial dB 35		Model No. 113-222-591		Cal. Temp 73 °F		1T	80%	3	.85	1T	80%	3	.9
Circ dB 43.6		Size / No. .25" Shape Round		Cal. In 11:10		2T	30%	6	1.7	2T	30%	6.2	2.1
Reference 35		Frequency/Mode 2.25 / Shear		Cal. Chk. 1440		3T	25%	9	2.6	N/A			
Scanning 57		"A" Dimension .3"		Cal. Out 15:30		Calibration Remarks: N/A							
Reject OFF		Nom Angle 45°		Ref. Blk. No. 801101									
Frequency 2.25		Meas Angle 45 °		Reflector/dB HOLE/35									
Mode P/E		Cable Type / No. Conn. RG174 / 0		Amp/Sweep 20 % / 2.6									
Damping 500 OHMS		Cable Length 10'											

Comp Temp. 86 °F		Configuration - PZR NOZZLE TO SAFE END		Wo Loc. WELD C/L		Lo Loc. .									
Scan Dir.	Results			Ind No.	% DAC	Length		Reference Measurement		Sweep Position		Thickness		Notes:	
	NI	NRI	RI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax		S2
8	○	●	○												
7	○	●	○												
5	○	●	○												
2	○	●	○												

Examination/Limitation Remarks: *OUTSIDE RADIUS OF ABOVE ELBOW

Total Length of Weld 26.75"	Crown Width .7"	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)									
		5 (L)	NL	2 (L)	NL	7 and 8 (W)	NL	5- From	NL	to	NL	2- From	NL	to	NL	From (5)	NL	to (2)	NL
Primary Examiner James F. Halley		Level III		Initials JFH		Assistant Examiner N/A		Level N/A		Initials		Non-Technical Review J. Eric Chappell				Date 10-18-01			
SNC NDE Level II/III Review Daryl Roffler				Date 10-18-01		Percentage of Code Coverage 81% composite		ANII Review L. G. Ward				Date 10/18/01							

Unit 1	Sketch/Component Number ALA1-4502-1DM	Date 10/13/01	Sheet No. S01F1U062	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.31 / 8.0 / N/A		Couplant/Batch No. Ultragel II / 01125	ThermometerSN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scan Calibration				Circ Scan Calibration				
Instrument	Staveley / SONIC 136		Transducer Mfg.	RTD	Cal. Blk. No.	ALA-5		Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	136-911K		Serial Number	01-985	Thickness	0.906		1/4TSDH	60%	2	.4	1T	80%	8	1.7
	Axial dB	Circ dB	Model No.	60° TRL 2 - Aust		Cal. Temp	73 °F	3/4TSDH	80%	6	.95	N/A			
Reference	76	76	Size / No.	2(8x14)	Shape	Rect.		1T	80%	8	1.45	N/A			
Scanning	82	82	Frequency/Mode	2.0 / Long		Cal. In	11:35								
Reject	OFF		"A" Dimension	.4"		Cal. Chk.	1450	Calibration Remarks: N/A							
Frequency	2.25		Nom Angle	60°		Cal. Out	15:33								
Mode	DUAL		Meas Angle	60 °		Ref. Blk. No.	801101								
Damping	500 OHMS		Cable Type / No. Conn.	RG174 / 1		Reflector/dB	1"RAD/52								
			Cable Length	16'		Amp/Sweep	90 % / 53								

Comp Temp.	86 °F	Configuration -	PZR NOZZLE TO SAFE END				Wo Loc.	WELD C/L				Lo Loc.	*
------------	-------	-----------------	------------------------	--	--	--	---------	----------	--	--	--	---------	---

Scan Dir.	Results			Ind No.	% DAC	Length			Reference Measurement			Sweep Position			Thickness			Notes:
	NI	NRI	RI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1"←	C/L	→1"	
8	○	●	○															
7	○	●	○															
5	○	●	○															
2	○	●	○															

Examination/Limitation Remarks: See Previous Data (3-18-94) for Limitation Sketch 59% Examined
*OUTSIDE RADIUS OF ABOVE ELBOW

Total Length of Weld	26.75"	Crown Width	.7"	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)									
				5 (L)	NL	2 (L)	NL	7 and 8 (W)	NL	5- From	0	to	1.3"	2- From	0	to	1"	From (5)	NL	to (2)	NL

Primary Examiner	Level	Initials	Assistant Examiner	Level	Initials	Non-Technical Review	Date
James F. Halley	III	JFH	N/A	N/A		<i>[Signature]</i>	10-18-01

SNC NDE Level II/III Review	Date	Percentage of Code Coverage	ANII Review	Date
<i>[Signature]</i>	10-18-01	81% composite	<i>[Signature]</i>	10/18/01

Unit 1	Sketch/Component Number ALA1-4502-1DM	Date 10/13/01	Sheet No. S01F1U063	Page 1 of 2
Procedure/Rev./TCN FNP-0-NDE-100.31 / 8.0 / N/A		Couplant/Batch No. Ultragel II / 01125	ThermometerSN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument Staveley / SONIC 136		Search Unit Transducer Mfg. RTD		Calibration Block Cal. Blk. No. ALA-5		Axial Scan Calibration				Circ Scan Calibration			
Serial No. 136-911K		Serial Number 99-822		Thickness 0.906		Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Axial dB 74		Model No. 45° TRL 2-Aust		Cal. Temp 73 °F		1/4SDH	40%	2	.3	1T	80%	9.0	1.25
Circ dB 74		Size / No. 2(8x14) Shape Rect.		Cal. In 12:00		3/4SDH	80%	6	.6	N/A			
Reference 74		Frequency/Mode 2.0 / Long		Cal. Chk. 1500		1T	80%	8	.85	N/A			
Scanning 80		"A" Dimension .44		Cal. Out 15:36									
Reject OFF		Nom Angle 45		Ref. Blk. No. 801101		Calibration Remarks:							
Frequency 2.25		Meas Angle 45°		Reflector/dB 1°RAD/47		N/A							
Mode DUAL		Cable Type / No. Conn. RG174 / 1		Amp/Sweep 80 % / 6.5									
Damping 500 OHMS		Cable Length 16'											

Comp Temp. 86 °F	Configuration - PZR NOZZLE TO SAFE END										Wo Loc. WELD C/L			Lo Loc. .			
Scan Dir.	Results			Ind No.	% DAC	Length			Reference Measurement			Sweep Position			Thickness		Notes:
	NI	NRI	RI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1"←	C/L →1"	
8	○	●	○														
7	○	●	○														
5	○	●	○														
2	○	●	○														

Examination/Limitation Remarks: See Previous Data 3-18-94 for Exam Limitations 75% examined.
*OUTSIDE RADIUS OF ABOVE ELBOW

Total Length of Weld 26.75"	Crown Width .7"	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)			
		5 (L) NL	2 (L) NL	7 and 8 (W) NL		5- From 0 to 1.3"	2- From 0 to .1"			From (5) NL to (2) NL			
Primary Examiner James F. Halley	Level III	Initials JFH	Assistant Examiner N/A	Level N/A	Initials	Non-Technical Review J. Eric Agock				Date 10-18-01			
SNC NDE Level II/III Review Darryl Leffler III			Date 10-18-01	Percentage of Code Coverage 81% composite	ANII Review C. G. Ward				Date 10/19/01				

WESTINGHOUSE NUCLEAR SERVICE DIVISION
INSPECTION SERVICES

LIMITATION TO EXAMINATION

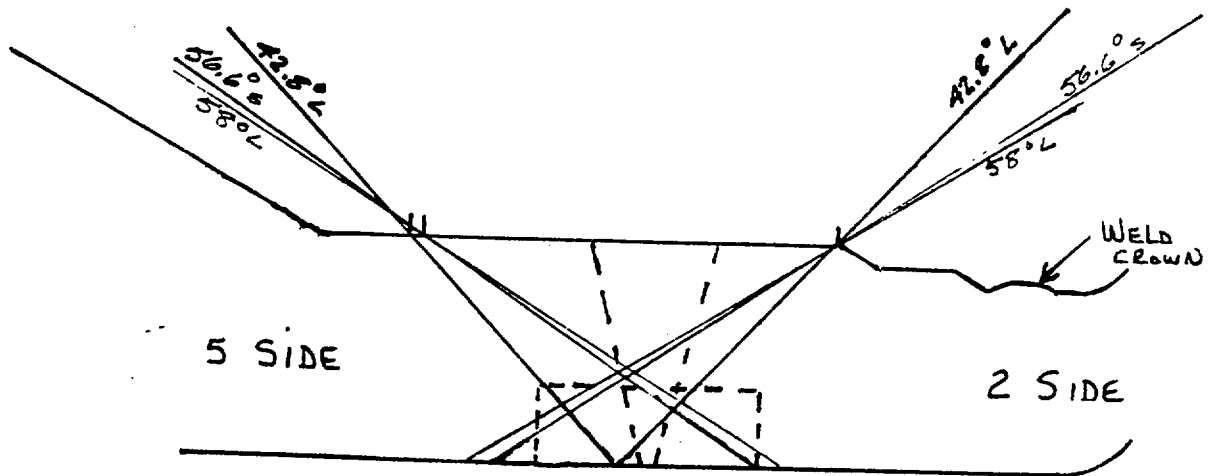
PLANT J.M. FARLEY UNIT 1 SKETCH ALAI-4502
PRSRZR. NOZ TO VESSEL WELDS FNP-O-NDR-157.12
SYST/COMP 6" PRESSURIZER SAFETY LINES PROCEDURE FNP-ISI-206, REV. 5
EXAMINER Robert L. Carver Willie G. Hall II DATE 3-18-94
LEVEL II

RELATED TO: U/T X P/T _____ M/T _____ V/T _____ ITEM(S): 1(Dm)

PROVIDE GENERAL INFORMATION TO DESCRIBE APPROXIMATE SIZE, LOCATION AND TYPE OF LIMITATION.

ILLUSTRATIVE ONLY

NOZZLE CONFIGURATION LIMITING $2 \frac{1}{2}$ 5 SCANS.



NO LIMITATIONS $7 \frac{1}{2}$ 8 SCANS

FARLEY REVIEW

Steve J. Freebaird

ANII

CEW 4/6/94

501 F/U063

2 of 2

David A. Jeffers III 10-18-01

Unit 1	Component Number ALA1-4502-1DM	Procedure/Rev./TCN FNP-0-NDE-100.5 / 6.0 / N/A			Sheet No. S01F1P002		Page 1 of 1	
Thermometer Mfg/Ser. No. PTC / 43619 Cal. Due Date 07/25/02 Surface Temp. 86 ° F		Manufacturer Magnaflux		Penetrant Materials Cleaner / Remover SKC-S Penetrant SKL-SP Developer SKD-S2		Type Batch 99J01K 96J02K 98D11K		
Component Configuration PZR NOZZLE TO SAFE END				% of Length Coverage 100%		Date 10/12/01		
				% of Area Coverage 100%				
Ind. No.	Results	Dwell Time	Indication Desc. / Exam Limitations / etc.		Remarks			
N/A	NRI	15	NA		NA			

Primary Examiner James F. Halley	ASNT Level III	Initials JFH	Assistant Examiner John W. Bell	ASNT Level II	Initials JWB	Non-Technical Review Lynda Duke	Date 10-17-01
SNC NDE Level II/III Review Samuel Stephens		Date 10-17-01	Percentage of Code Coverage	ANII Review C. Ward		Date 10/18/01	Revision 6.

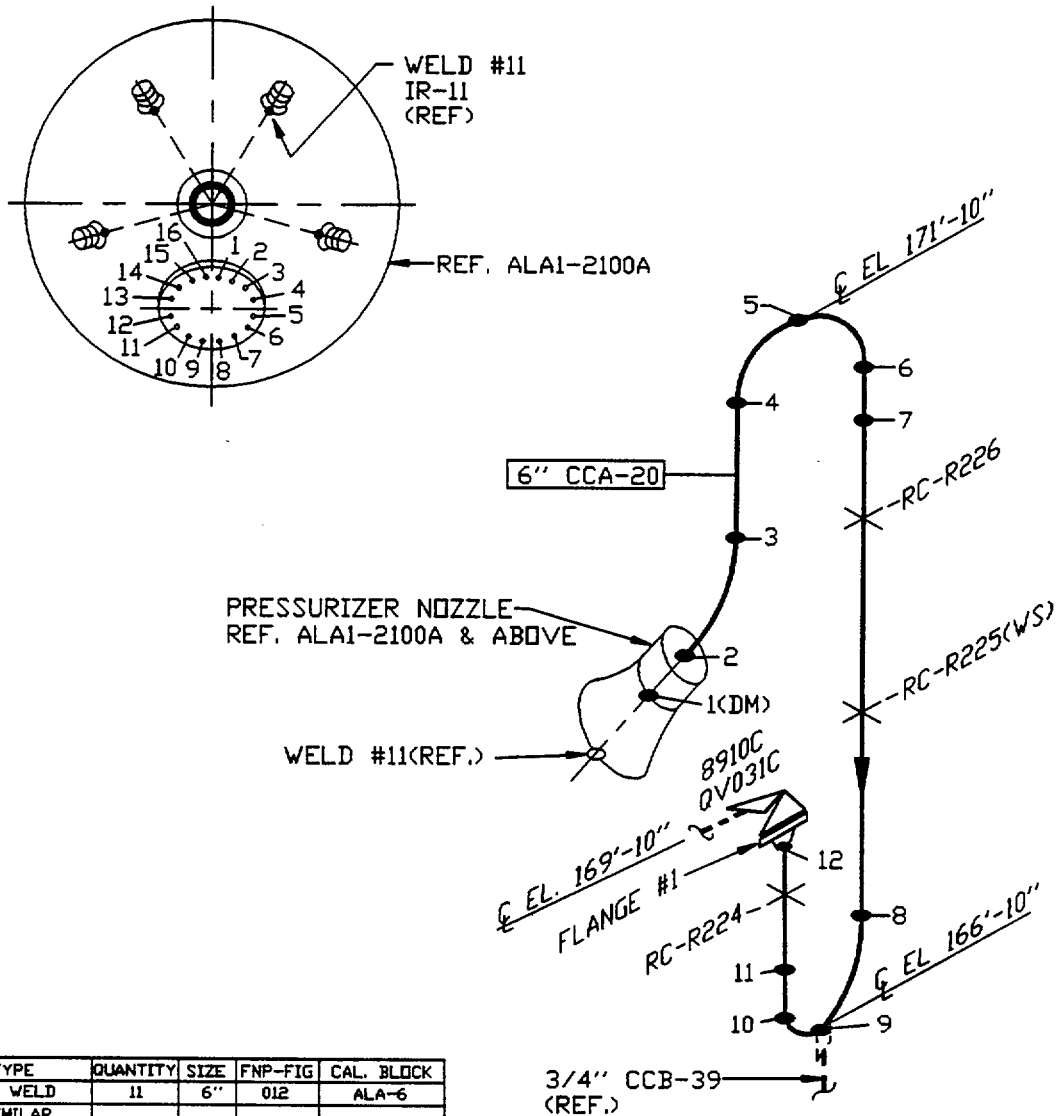
DRAWING ALA1-4503
6" PRESSURIZER SAFETY LINES

[illegible]

CONTAINMENT

PRSRZR. NOZ TO VESSEL WELDS 6" PRESSURIZER SAFETY LINES

ALA1-4503



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	11	6"	012	ALA-6
DISSIMILAR METAL WELD	1	8"	012	ALA-5
SOCKET WELD	0	N/A	N/A	N/A
BRANCH CONN.	0	N/A	N/A	N/A
WELDED SUPP.	1	N/A	019	N/A
COMP. SUPPORT	3	N/A	037	N/A

FLANGE BOLTING (SEE ALA1-4700)
VALVE BOLTING (SEE ALA1-6300 SH. 1)

LINE NUMBER: Q-1-B13-CCA-20

BOUNDARY DIAGRAM D-351114 SH. 2

REFERENCE ISO'S D-514652 SH. 3

LINE SIZE: 6" CCA-20

1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG	DEF		
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162.	CAB	CCM	WRH	AH	DML
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

B13 - REACTOR COOLANT

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

58

1

CAD ALA14503
AUTOCAD RAV-02

Unit 1	Sketch/Component Number ALA1-4503-1DM	Date 10/13/01	Sheet No. S01F1U057	Page 1 of 1
Procedure/Rev./TCN FNP-0-NDE-100.31 / 8.0 / N/A		Couplant/Batch No. Ultragel II / 01125	ThermometerSN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument			Search Unit		Calibration Block		Axial Scan Calibration				Circ Scan Calibration				
Instrument	Staveley / SONIC 136		Transducer Mfg.	KBA	Cal. Blk. No.	ALA-5		Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	136-911K		Serial Number	00LCPD	Thickness	0.906		1T	80%	3	.85	1T	80%	3	.9
	Axial dB	Circ dB	Model No.	113-222-591	Cal. Temp	73 °F		2T	30%	6	1.7	2T	30%	6.2	2.1
Reference	35	43.6	Size / No.	.25" Shape Round	Cal. In	11:10		3T	25%	9	2.6	N/A			
Scanning	57	57.6	Frequency/Mode	2.25 / Shear	Cal. Chk.	1415		Calibration Remarks: N/A							
Reject	OFF		"A" Dimension	.3"	Cal. Out	15:30									
Frequency	2.25		Nom Angle	45°	Ref. Blk. No.	801101									
Mode	P/E		Meas Angle	45°	Reflector/dB	HOLE / 35									
Damping	500 OHMS		Cable Type / No. Conn.	RG174 / 0	Amp/Sweep	20 % / 2.6									
			Cable Length	10'											

Comp Temp.	86 °F	Configuration -	PZR NOZZLE TO SAFE END					Wo Loc.	WELD C/L			Lo Loc.	.					
Scan Dir.	Results			Ind No.	% DAC	Length			Reference Measurement			Sweep Position			Thickness			Notes:
	NI	NRI	RI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1"←	C/L	→1"	
8	○	●	○															
7	○	●	○															
5	○	●	○															
2	○	●	○															

Examination/Limitation Remarks: *OUTSIDE RADIUS OF ABOVE ELBOW

Total Length of Weld	26.75"	Crown Width	.7"	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)									
				5 (L)	NL	2 (L)	NL	7 and 8 (W)	NL	5- From	NL	to	NL	2- From	NL	to	NL	From (5)	NL	to (2)	NL
Primary Examiner		Level	Initials	Assistant Examiner		Level	Initials	Non-Technical Review		Date											
James F. Halley		III	JFH	N/A		N/A		J. Eric Aycock		10-18-01											
SNC NDE Level II/III Review				Date	Percentage of Code Coverage	ANII Review	Date														
Darryl L. Loftis				10-17-01	81% 100% complete Sat 10-17-01	cgw	10/18/01														

Unit 1	Sketch/Component Number ALA1-4503-1DM	Date 10/13/01	Sheet No. S01F1U058	Page 6 of 1
Procedure/Rev./TCN FNP-0-NDE-100.31 / 8.0 / N/A		Couplant/Batch No. Ultragel II / 01125	ThermometerSN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument Staveley / SONIC 136			Search Unit Transducer Mfg. RTD		Calibration Block Cal. Blk. No. ALA-5		Axial Scan Calibration				Circ Scan Calibration			
Serial No. 136-911K			Serial Number 01-985		Thickness 0.906		Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Axial dB 76			Model No. 60° TRL 2 - Aust		Cal. Temp 73 °F		1/4T SDH	60%	2	.4	1T	80%	8	1.7
Circ dB 76			Size / No. 2(8x14) Shape Rect.		Cal. In 11:35		3/4T SDH	80%	6	.95	N/A			
Reference 76			Frequency/Mode 2.0 / Long		Cal. Chk. 1425		1T SDH	80%	8	1.45	N/A			
Scanning 82			"A" Dimension .4		Cal. Out 15:33		Calibration Remarks: N.A							
Reject OFF			Nom Angle 60°		Ref. Blk. No. 801101									
Frequency 2.25			Meas Angle 60 °		Reflector/dB 1° RAD/52									
Mode DUAL			Cable Type / No. Conn. RG174 / 1		Amp/Sweep 90 % / 5.3									
Damping 500 OHMS			Cable Length 16'											

Comp Temp. 86 °F		Configuration - PZR NOZZLE TO SAFE END				Wo Loc. WELD C/L				Lo Loc. .								
Scan Dir.	Results			Ind No.	% DAC	Length			Reference Measurement			Sweep Position			Thickness			Notes:
	NI	NRI	RI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1" <--	C/L	--> 1"	
8	○	●	○															
7	○	●	○															
5	○	●	○															
2	○	●	○															

Examination/Limitation Remarks: See Previous Data (3-18-94) for Limitation Sketch 59% Examined.
*OUTSIDE RADIUS OF ABOVE ELBOW

Total Length of Weld 26.75"	Crown Width .7"	Total Length of Weld Examined 5 (L) NL 2 (L) NL 7 and 8 (W) NL			Extent of Perpendicular Scans (W) 5- From 0 to 1.3" 2- From 0 to 1"			Extent of Parallel Scans (L) From (5) NL to (2) NL		
Primary Examiner James F. Halley		Level III	Initials JFH	Assistant Examiner N/A		Level N/A	Initials	Non-Technical Review J. Eric Oryock		Date 10-18-01
SNC NDE Level II/III Review Darryl A. Lottus			II	Date 10-18-01	Percentage of Code Coverage 81%	ANII Review composite		Date 10/18/01		Revision 8.0

Unit 1	Sketch/Component Number ALA1-4503-1DM	Date 10/13/01	Sheet No. S01F1U059	Page 1 of 2
Procedure/Rev./TCN FNP-0-NDE-100.31 / 8.0 / N/A		Couplant/Batch No. Ultragel II / 01125	ThermometerSN/Cal Due Date 43619 2/25/02	Linearity Sheet No. S01F1L001

Instrument Staveley / SONIC 136		Search Unit Transducer Mfg. RTD		Calibration Block Cal. Blk. No. ALA-5		Axial Scan Calibration				Circ Scan Calibration			
Serial No. 136-911K		Serial Number 99-822		Thickness 0.906		Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Axial dB 74		Model No. 45° TRL 2-Aust		Cal. Temp 73 °F		1/4T SDH	50%	2	.3	1T	80	9.0	1.25
Circ dB 74		Size / No. 2(8x14) Shape Rect.		Cal. In 12:00		3/4T SDH	80%	6	.6	N/A			
Reference 74		Frequency/Mode 2.0 / Long		Cal. Chk. 1435		1T	80%	8	.85	N/A			
Scanning 80		"A" Dimension .44		Cal. Out 15:36									
Reject OFF		Nom Angle 45°		Ref. Blk. No. 801101		Calibration Remarks:							
Frequency 2.25		Meas Angle 45°		Reflector/dB 1°RAD/47		N/A							
Mode DUAL		Cable Type / No. Conn. RG174 / 8		Amp/Sweep 80 % / 6.5									
Damping 500 OHMS		Cable Length 16'											

Comp Temp. 86 °F		Configuration - PZR NOZZLE TO SAFE END		Wo Loc. WELD C/L		Lo Loc. *												
Scan Dir.	Results			Ind No.	% DAC	Length			Reference Measurement			Sweep Position			Thickness			Notes:
	NI	NRI	RI			L1	Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1"←	C/L	→1"	
8	○	●	○															
7	○	●	○															
5	○	●	○															
2	○	●	○															

Examination/Limitation Remarks: See previous data 3-18-94 for exam limitations 75% examined.
*OUTSIDE RADIUS OF ABOVE ELBOW

Total Length of Weld 26.75"	Crown Width .7"	Total Length of Weld Examined 5 (L) NL 2 (L) NL 7 and 8 (W) NL			Extent of Perpendicular Scans (W) 5- From 0 to 1.3" 2- From 0 to 1"			Extent of Parallel Scans (L) From (5) NL to (2) NL		
Primary Examiner James F. Halley		Level III	Initials JFH	Assistant Examiner N/A	Level N/A	Initials	Non-Technical Review <i>J. Eric Alcock</i>		Date 10-18-01	
SNC NDE Level II/III Review <i>Sam D. Jeffers</i>			Date 10-18-01	Percentage of Code Coverage 81%	ANII Review <i>cgward</i>		Date 10/18/01		Revision 8.0	

SOIFU059
2 of 2

WESTINGHOUSE NUCLEAR SERVICE DIVISION
INSPECTION SERVICES

LIMITATION TO EXAMINATION

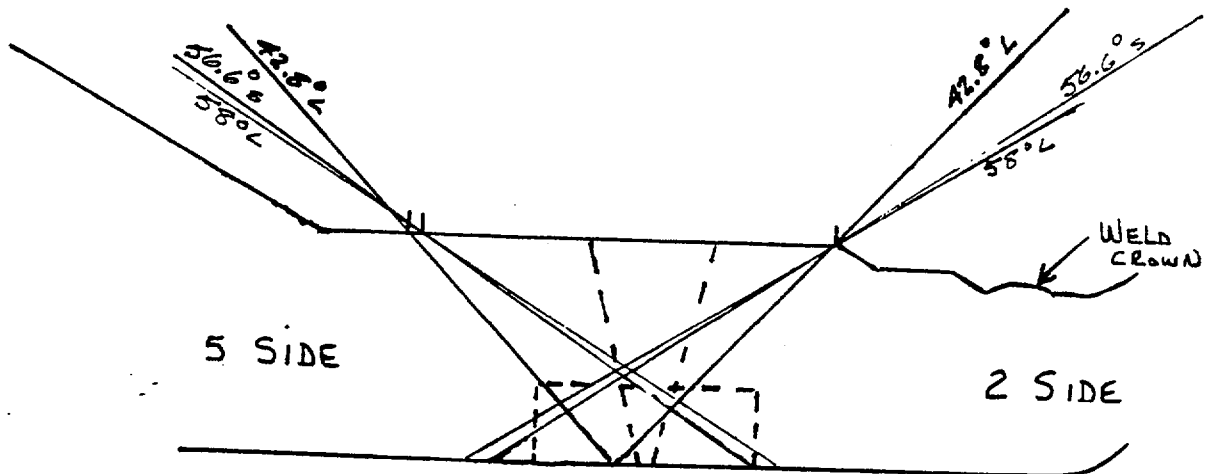
PLANT J.M. FARLEY UNIT 1 SKETCH ALAI-4503
PRSRZR. NOZ TO VESSEL WELDS
SYST/COMP 6" PRESSURIZER SAFETY LINES FNP-O-NDE-157.12
EXAMINER Robert P. Smith William J. Halley II PROCEDURE FNP-IST-206, REV. 5
LEVEL II DATE 3-18-94

RELATED TO: U/T X P/T _____ M/T _____ V/T _____ ITEM(S): 1(Dm)

PROVIDE GENERAL INFORMATION TO DESCRIBE APPROXIMATE SIZE, LOCATION AND TYPE OF LIMITATION.

ILLUSTRATIVE ONLY

NOZZLE CONFIGURATION LIMITING 2 & 5 SCANS.



NO LIMITATIONS 7 & 8 SCANS

FARLEY REVIEW

Steve Freeland

ANII

lgw 4/6/94

Henry A. Doffus II 10-18-2001

Unit 1	Component Number ALA1-4503-1DM	Procedure/Rev./TCN FNP-0-NDE-100.5 / 6.0 / N/A	Sheet No. S01F1P001	Page 1 of 1
Thermometer Mfg/Ser. No. PTC / 43619 Cal. Due Date 02/25/02 Surface Temp. 86 ° F		Penetrant Materials Manufacturer Magnaflux Cleaner / Remover SKC-S Penetrant SKL-SP Developer SKD-S2 Batch 99J01K 96J02K 98D11K		
Component Configuration PZR NOZZLE TO SAFE END		% of Length Coverage 100%	Date 10/12/01	
% of Area Coverage 100%				
Ind. No.	Results	Dwell Time	Indication Desc. / Exam Limitations / etc.	Remarks
N/A	NRI	15	N/A	N/A

Primary Examiner James F. Halley	ASNT Level III	Initials JFH	Assistant Examiner John W. Bell	ASNT Level II	Initials JWB	Non-Technical Review Lynda Duke	Date 10-17-01
SNC NDE Level II/III Review David A. Loftis	ASNT Level III	Date 10-17-01	Percentage of Code Coverage 100	ANII Review C. W. ...	Date 10/18/01	Revision 6.	

15.

DRAWING ALA1-4101
12" RHR TAKE OFF-HOT LEG LOOP 1

[illegible]

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-4101-QV016B (B) VALVE BOLTING		Drawing Number ALA1-4101		Sheet Number S01F1V022	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) <input type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input checked="" type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Sig. Scott Erickson Scott R. Erickson Examiner/Initial Sig. N/A Date (Month-Day-Year) 10/9/01		Level II N/A

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on other areas examined							

Comments Examined in place under tension

Reviewed By <i>Samuel P. Potters</i>	ANII Review <i>CG Ward</i>	Date <i>10/11/01</i>
	Level <i>III</i>	Date <i>10-9-01</i>

Revision 1.0

DRAWING ALA1-4201
12" ACCUMULATOR DISCHARGE-COLD LEG LOOP 2

[illegible]

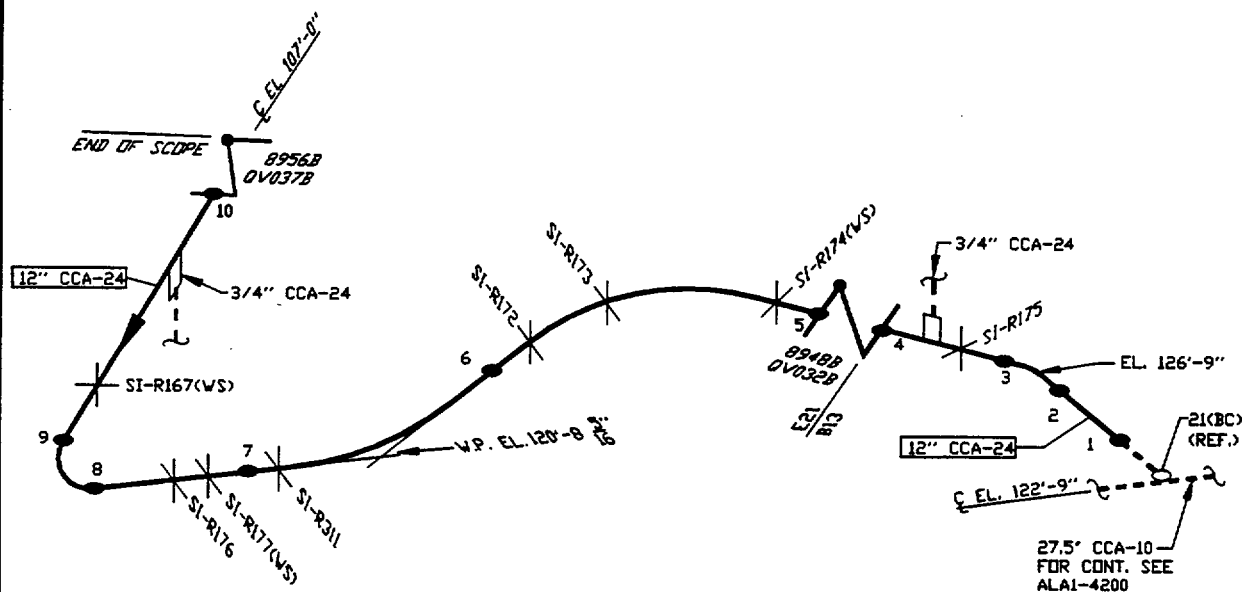
CONTAINMENT

12" ACCUMULATOR DISCHARGE

ALA1-4201

(COLD LEG)

LOOP 2



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	10	12"	012	ALA-3
LONG SEAM WELD	0	N/A	N/A	N/A
SOCKET WELD	0	N/A	N/A	N/A
WELDED SUPP.	3	N/A	019	N/A
COMP. SUPPORT	8	N/A	037	N/A

VALVE BOLTING (SEE ALA1-6300 SH. 1)

LINE NUMBER: Q-1-B13-CCA-24
Q-1-E21-CCA-24

BOUNDARY DIAGRAM D-351114 SH. 1; D-351115 SH. 2

REFERENCE ISO'S D-514686 SH. 1

D-514716 SH. 2

LINE SIZE: 12" CCA-24

1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG	DEFV		
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162.	CAB	CCM for	WRH	AH	DML
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for E21-SAFETY INJECTION SYSTEM

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

30

1

CAD ALA14201
AUTOCAD RAV-02

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-4201-QV032B (B) VALVE BOLTING		Drawing Number ALA1-4201		Sheet Number S01F1V023	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) <input type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input checked="" type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Scott Erickson Sig. <i>Scott R. Erickson</i> Examiner/Initial N/A Sig. Date (Month-Day-Year) 10/9/01		Level II Level N/A

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on other areas examined							

Comments Examined in place under tension

Reviewed By <i>Samuel D. Hoffman</i>	ANII Review <i>LGW</i>		Date <i>10/11/01</i>	
	Level <i>III</i>		Date <i>10-9-01</i>	

DRAWING ALA1-4202
6" & 8" SAFETY INJECTION SYSTEM-COLD LEG LOOP 2

[illegible]

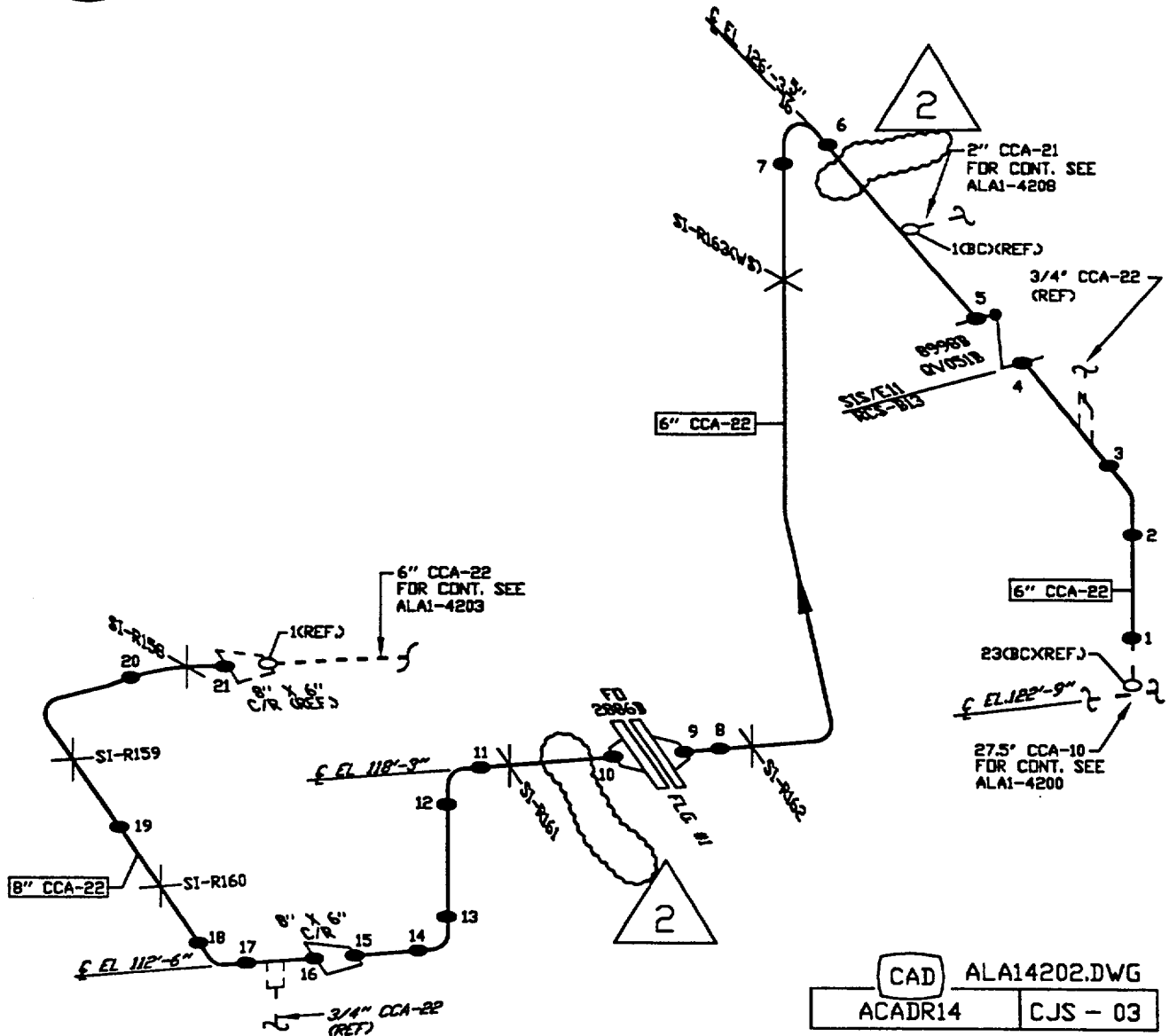
CONTAINMENT

6" & 8" SAFETY INJECTION SYSTEM

ALA1-4202

(COLD LEG)

LOOP 2



CAD ALA14202.DWG
ACADR14 CJS - 03

TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLDCK
BUTT WELD	6	8"	012	ALA-5
BUTT WELD	15	6"	012	ALA-6
BRANCH CONN.	0	N/A	N/A	N/A
SOCKET WELD	0	N/A	N/A	N/A
WELDED SUPP.	1	N/A	019	N/A
COMP. SUPPORT	6	N/A	037	N/A

FLANGE BOLTING (SEE ALA1-4700)
VALVE BOLTING (SEE ALA1-6300 SH.1)

LINE NUMBER: Q-1-B13-CCA-22
Q-1-E11-CCA-22

LINE SIZE: 8" CCA-22, 6" CCA-22

BOUNDARY DIAGRAM D-351114 SH. 1, D-351115 SH. 1

REFERENCE ISO'S D-514686 SH. 1

D-514718 SH. 4

2	10-10-00	CJS	GES	REVISED PER ABN 00-1-1807, REV. 0	DEW			
1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG	DEW	
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4

Southern Company Services, Inc. for

E11-SAFETY INJECTION SYSTEM / B13-REACTOR COOLANT

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

SCS DRAWING NUMBER

SHEET REV.

A-351192

31

2

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Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-4202-FLG-1 FLANGE BOLTING		Drawing Number ALA1-4202		Sheet Number S01F1V027					
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) <input type="checkbox"/> 1/32" Line (Gray Card)		Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A			
								Procedure No. FNP-0-NDE-100.21			
								Revision No. 1.0 / N/A			
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV		Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight		Tools <input checked="" type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>				Examiner/Initial Scott Erickson Sig. <i>Scott R. Erickson</i>		Level II	
								Examiner/Initial N/A Sig.		Level N/A	
								Date (Month-Day-Year) 10/10/01			

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				Other **	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments Examined in place under tension.

Reviewed By <i>Darryl A. Doffler</i>	ANII Review <i>E. G. W...</i>	Date <i>10/11/01</i>
	Level <i>III</i>	Date <i>10-10-01</i>

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-4202-QV051B (B) VALVE BOLTING		Drawing Number ALA1-4202		Sheet Number S01F1V024	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) <input type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input checked="" type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Scott Erickson Sig. <i>Scott R. Erickson</i> Examiner/Initial N/A Sig. Date (Month-Day-Year) 10/9/01		Level II N/A

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on other areas examined							

Comments Examined in place under tension

Reviewed By <i>David L. Soper</i>	ANII Review <i>CGW</i>	Date <i>10/11/01</i>
	Level <i>III</i>	Date <i>10-9-01</i>

Revision 1.0

DRAWING ALA1-4204
6" & 2" SAFETY INJECTION SYSTEM-HOT LEG LOOP 2

[illegible]

LOOP 2

33 | 1

CAD	ALA14204
AUTOCAD	RAW-02

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-4204-QV077B (B) VALVE BOLTING		Drawing Number ALA1-4204		Sheet Number S01F1V025	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) <input type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input checked="" type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Scott Erickson Sig. Scott R. Erickson Examiner/Initial N/A Sig. N/A Date (Month-Day-Year) 10/9/01		Level II N/A

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **			
* Provide details on other areas examined							

Comments Examined in place under tension

Reviewed By <i>Donald L. Hoffman</i>	ANII Review <i>cyk</i>	Date <i>10/11/01</i>
	Level <i>III</i>	Date <i>10-9-01</i>

DRAWING ALA1-4209
2" SEAL INJECTION LEG LOOP 2

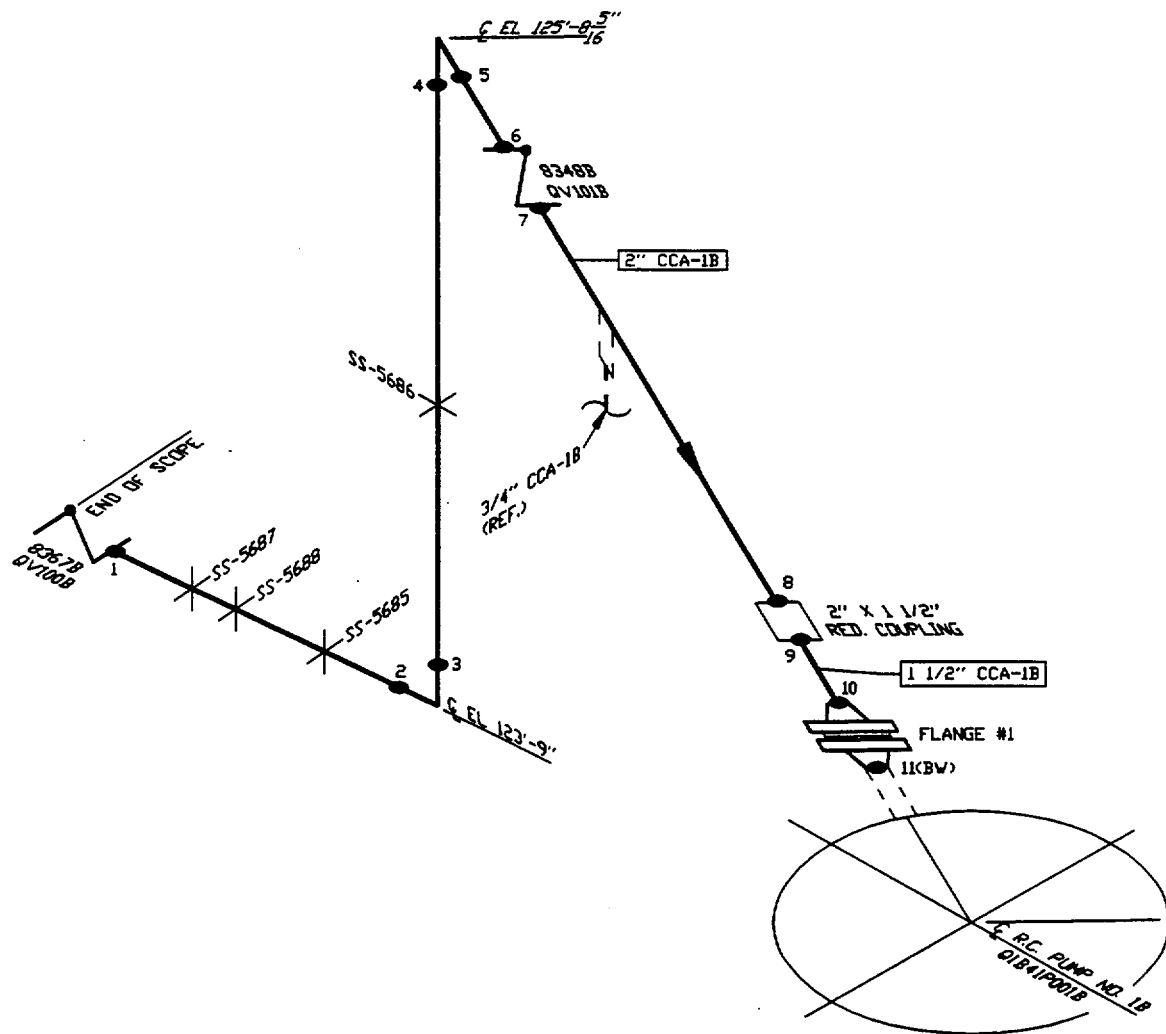
[illegible]

CONTAINMENT

2" SEAL INJECTION

ALA1-4209

LOOP 2



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	1	1-1/2"	011	N/A
LONG SEAM WELD	0	N/A	N/A	N/A
SOCKET WELD	8	2"	011	N/A
SOCKET WELD	2	1-1/2"	011	N/A
WELDED SUPP.	0	N/A	N/A	N/A
COMP. SUPPORT	4	N/A	037	N/A

FLANGE BOLTING (SEE ALA1-4700)

LINE NUMBER: Q-1-E21-CCA-1B

BOUNDARY DIAGRAM D-351116 SH. 1

REFERENCE ISO'S D-514976 SH. 1

LINE SIZE: 2" CCA-1B

1-1/2" CCA-1B

1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG	DEV		
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162.	CAB	CCM	for	WRH	
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for E21-SAFETY INJECTION

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

38

1

CAD ALA14209
AUTOCAD RAV-02

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-4209-FLG-1 FLANGE BOLTING		Drawing Number ALA1-4209		Sheet Number S01F1V012	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) <input type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input checked="" type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Scott Erickson Sig. <i>Scott R. Erickson</i> Examiner/Initial N/A Sig. Date (Month-Day-Year) 10/6/01		Level II N/A

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on other areas examined							

Comments Examined in place under tension

Reviewed By <i>Samuel D. Pappas</i>	ANII Review <i>C. G. W. W. W.</i>	Date <i>10/9/01</i>
	Level <i>III</i>	Date <i>10-8-2001</i>

Revision 1.0

DRAWING ALA1-4301
12" RHR TAKE OFF-HOT LEG LOOP 3

[illegible]

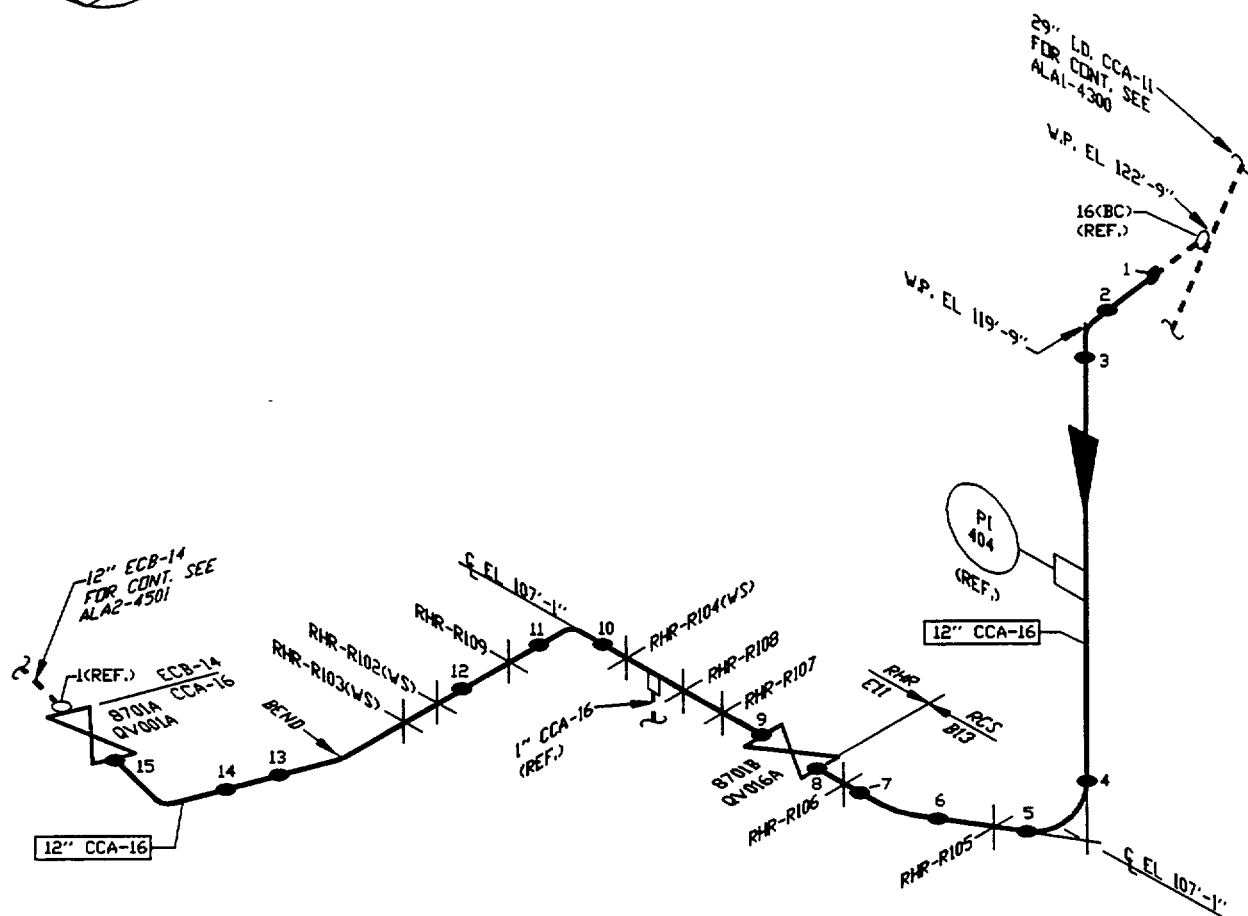
CONTAINMENT

12" RHR TAKE-OFF

ALA1-4301

(HOT LEG)

LOOP 3



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	15	12"	012	ALA-3
LONG SEAM WELD	0	N/A	N/A	N/A
SOCKET WELD	0	N/A	N/A	N/A
WELDED SUPP.	3	N/A	019	N/A
COMP. SUPPORT	8	N/A	037	N/A

VALVE BOLTING (SEE ALA1-6300 SH. 2)

LINE NUMBER: Q-1-B13-CCA-16
Q-1-E11-CCA-16

BOUNDARY DIAGRAM D-351114 SH. 1; D-351118 SH. 1

REFERENCE ISO'S D-514690 SH. 3 & 4

LINE SIZE: 12" CCA-16

1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG	DEW		
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162.	CAB	CCM	WRH	AH	DML
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

B13-REACTOR COOLANT & E11-RHR SYSTEM

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

43

1

CAD ALA14301
AUTOCAD RAV-02

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-4301-QV016A (B) VALVE BOLTING		Drawing Number ALA1-4301		Sheet Number S01F1V026	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) <input type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input checked="" type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Scott Erickson Sig. <i>Scott R. Erickson</i> Examiner/Initial N/A Sig. Date (Month-Day-Year) 10/9/01		Level II N/A

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on other areas examined							

Comments Examined in place under tension

Reviewed By <i>Samuel S. Sotolus</i>	ANII Review <i>C. G. Ward</i>	Date <i>10/11/01</i>
	Level <i>III</i>	Date <i>10-9-01</i>

Revision 1.0

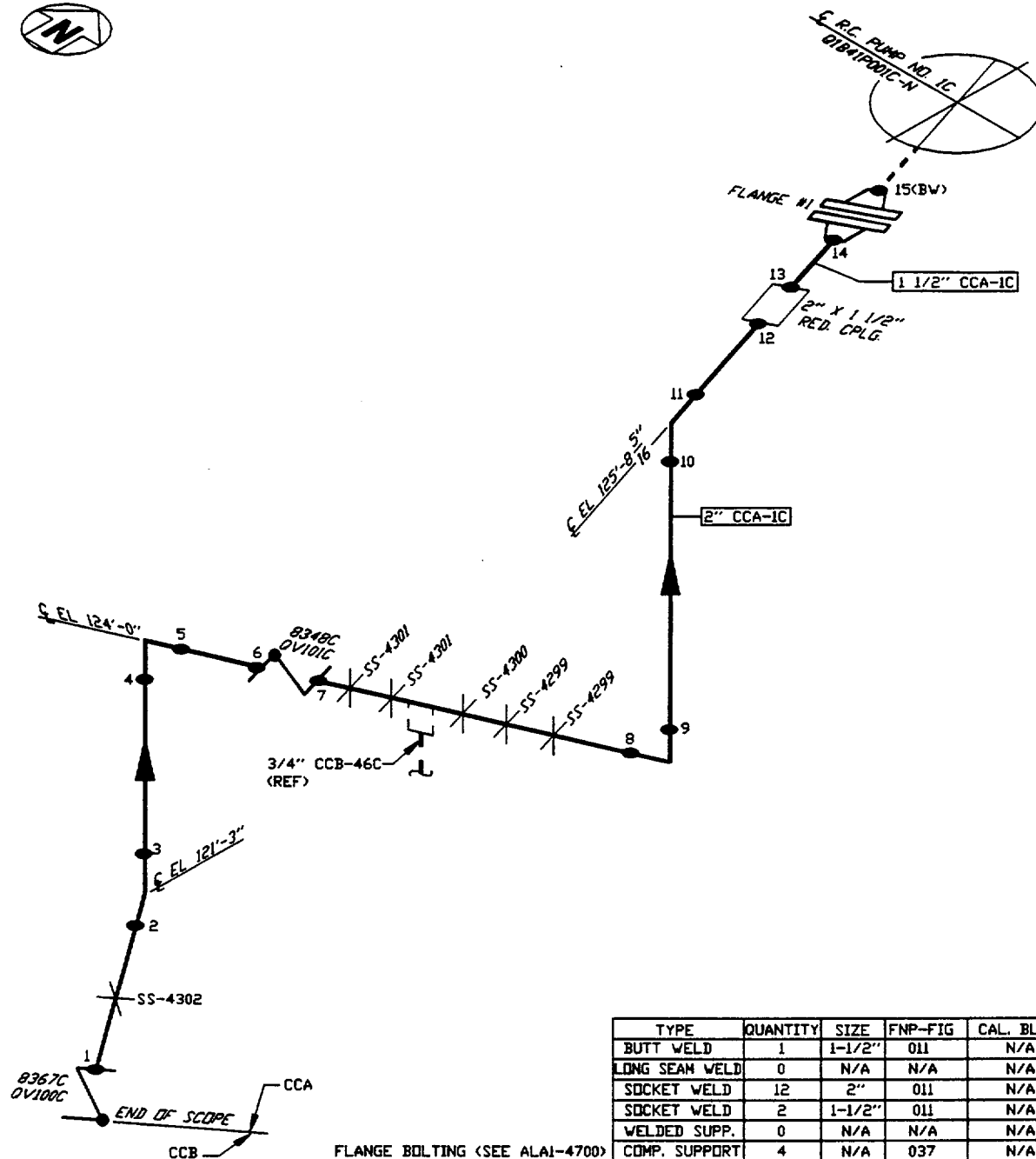
DRAWING ALA1-4309
2" & 1 1/2" SEAL INJECTION LOOP 3

[illegible]

CONTAINMENT

2" & 1-1/2" SEAL INJECTION
LOOP 3

ALA1-4309


 CAD ALA14309
 AUTOCAD RAV-02

LINE NUMBER: Q-1-E21-CCA-1C

BOUNDARY DIAGRAM D-351116 SH. 1

REFERENCE ISO'S D-514975 SH. 1

LINE SIZE: 2" CCA-1C

1-1/2" CCA-1C

1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG	DEV		
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162.	CAB	CCM	for	WRH	
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

E21-SAFETY INJECTION

 ALABAMA POWER COMPANY
 JOSEPH M. FARLEY NUCLEAR PLANT
 UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

51

1

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-4309-FLG-1 FLANGE BOLTING		Drawing Number ALA1-4309		Sheet Number S01F1V013	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) <input type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input checked="" type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial Scott Erickson Sig. <i>Scott R. Erickson</i> Examiner/Initial N/A Sig. Date (Month-Day-Year) 10/6/01		Level II N/A

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* Provide details on other areas examined							

Comments Examined in place under tension

Reviewed By <i>Sam P. Loftis</i>	ANII Review <i>EGW</i>	Date <i>10/9/01</i>
	Level <i>III</i>	Date <i>10-8-2001</i>

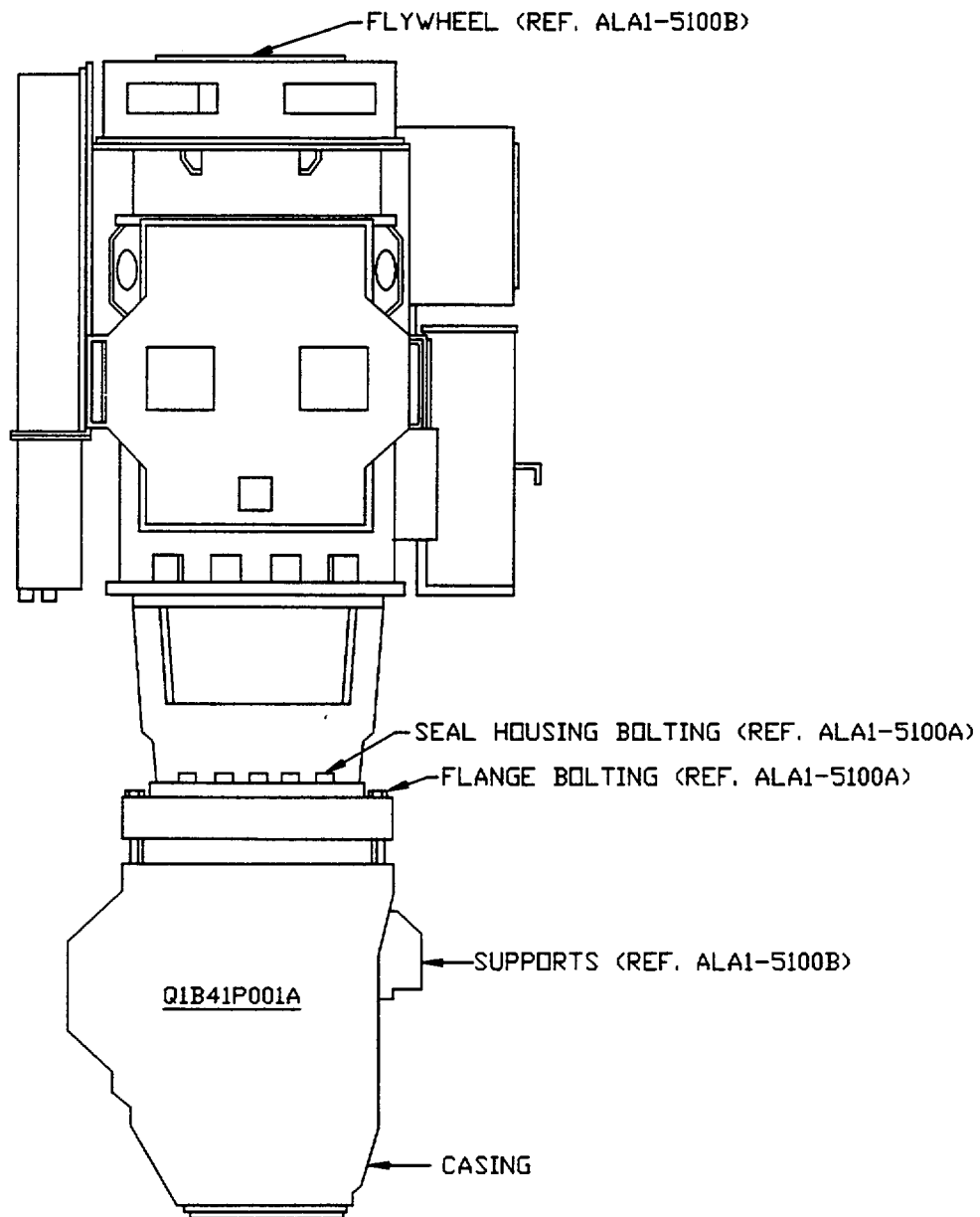
1.6

DRAWING ALA1-5100
REACTOR COOLANT PUMP A

[illegible]

CONTAINMENT

ALA1-5100

REACTOR COOLANT PUMP A

CAD ALA15100
AUTOCAD RAV-02

1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG	REV		
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162.	CAB	CCM	for	WRH	
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

REACTOR COOLANT PUMP

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

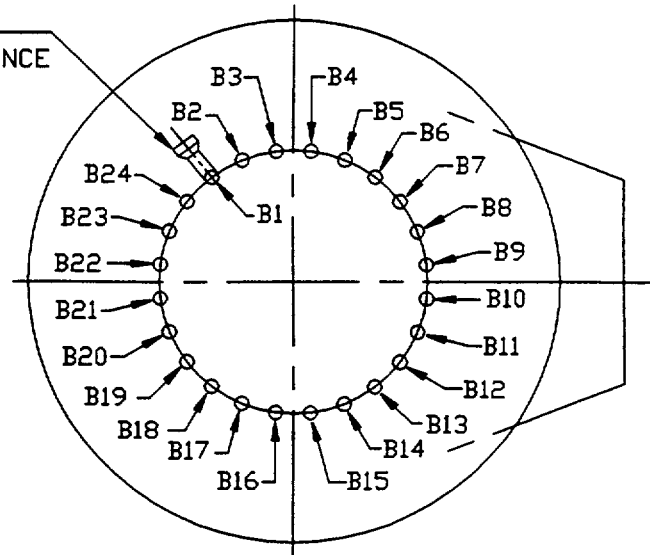
A-351192

63

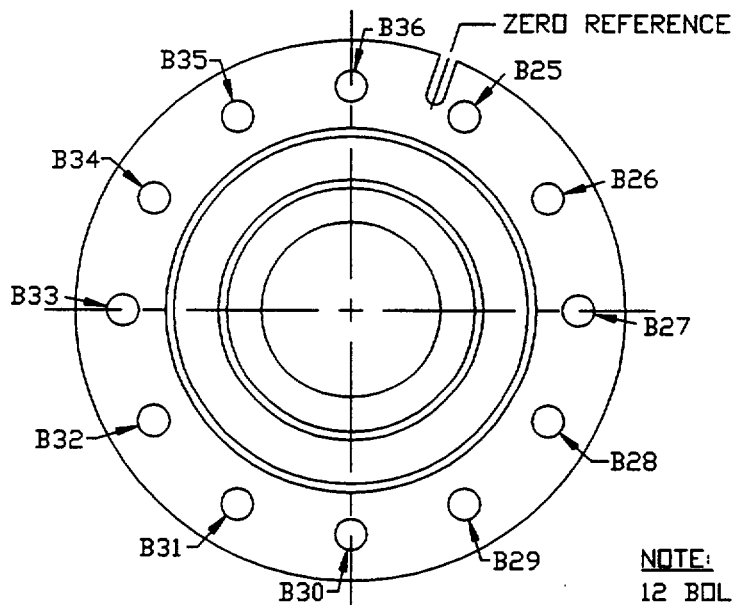
1

R. C. PUMP SEAL HOUSING

ALA1-5100A

BOLTING & R. C. PUMP FLANGE BOLTINGSEAL INJECTION LINE
USED AS ZERO REFERENCENOTE:

24 BOLTS 4.50" DIA. (PER PUMP)

REACTOR COOLANT PUMP
FLANGE BOLTINGNOTE:

12 BOLTS 2.0" DIA. (PER PUMP)

REACTOR COOLANT PUMP
SEAL HOUSING BOLTING

FNP FIG.	CAL. BLOCK
016	ALA-35

1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG	REV		
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162.	CAB	COM	FOR	WRH	
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

REACTOR COOLANT PUMP

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

64

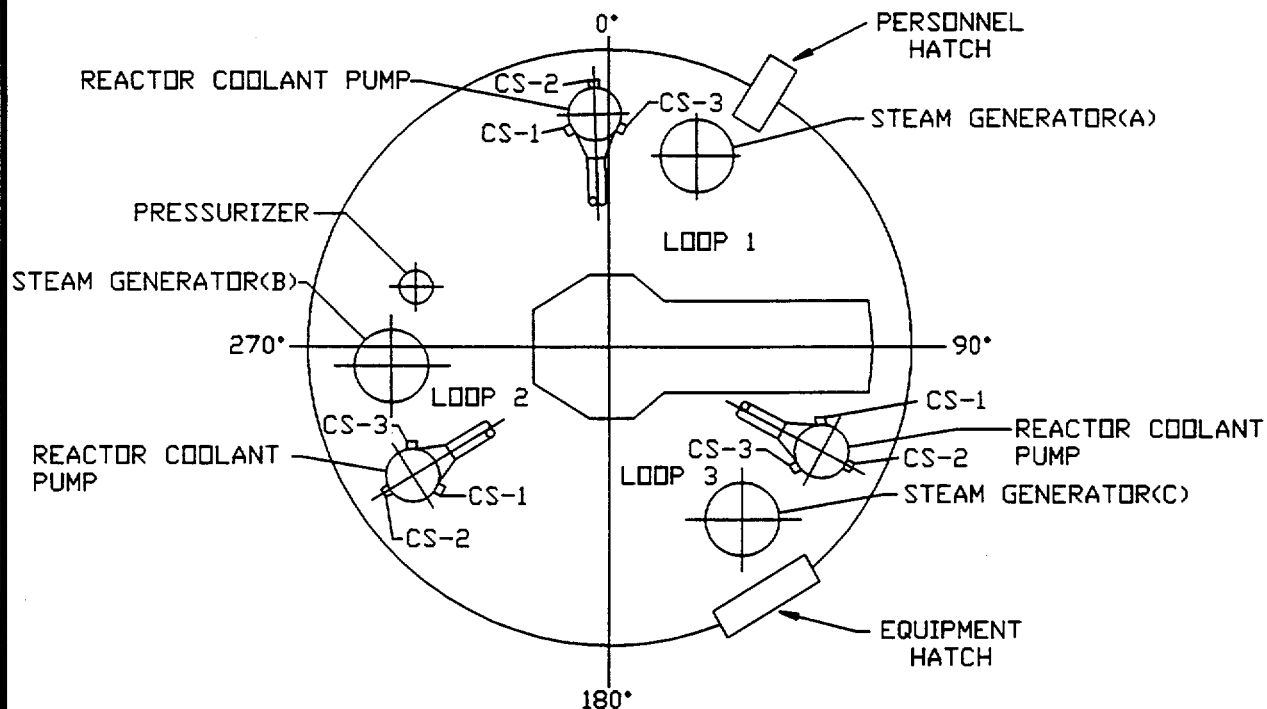
1

CAD ALA5100A
AUTOCAD RAV-02

CONTAINMENT

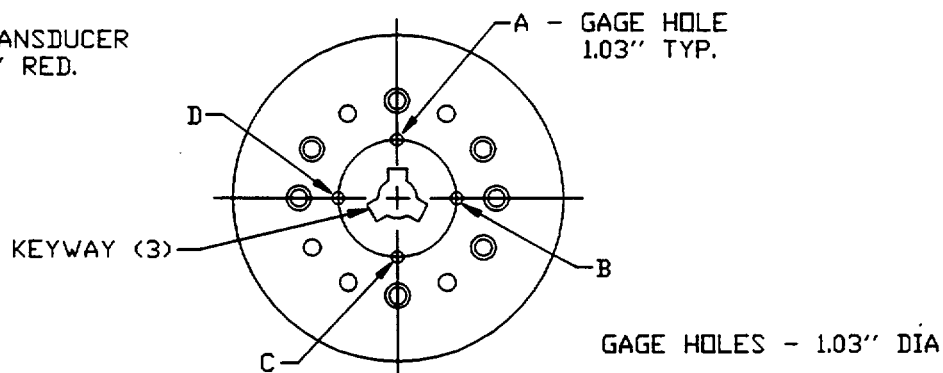
ALA1-5100B

PUMP SUPPORTS AND STRUCTURES AND R. C. PUMP FLYWHEEL



PUMP SUPPORT COMPONENTS

FLYWHEEL TRANSDUCER
PROBE - 1.02" RED.



REACTOR COOLANT PUMP FLYWHEEL

1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG	REV		
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162.	CAB	CCM	for	WRH	
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

REACTOR COOLANT PUMP

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

65

1

CAD ALA5100B
AUTOCAD RAV-02

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-5100-B25 RC PUMP SEAL HOUSING BOLTING		Drawing Number ALA1-5100		Sheet Number S01F1V028	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA <i>N/A</i> Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge			Examiner/Initial James F. Halley Sig. <i>J. F. Halley</i> Level III Examiner/Initial George Morini Sig. <i>George Morini</i> Level II Date (Month-Day-Year) 10/11/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
** Provide details on other areas examined							

Comments EXAMINED IN PLACE

Reviewed By <i>Barry L. Loftis</i>	ANII Review <i>EGW</i>	Date <i>10/13/01</i>
	Level <i>III</i>	Date <i>10-13-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-5100-B26 RC PUMP SEAL HOUSING BOLTING		Drawing Number ALA1-5100		Sheet Number S01F1V029	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge			Examiner/Initial James F. Halley Sig. <i>J.F. Halley</i> Examiner/Initial George Morini Sig. <i>George Morini</i> Date (Month-Day-Year) 10/11/01		Level III II

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
** Provide details on other areas examined							

Comments EXAMINED IN PLACE

Reviewed By <i>Darryl D. Soffner</i>	ANII Review <i>Edward</i>	Date <i>10/13/01</i>
	Level <i>III</i>	Date <i>10-13-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-5100-B27 RC PUMP SEAL HOUSING BOLTING		Drawing Number ALA1-5100		Sheet Number S01F1V030		
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A		
						Procedure No. FNP-0-NDE-100.21		
						Revision No. 1.0 / N/A		
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial James F. Halley Sig. <i>J. F. Halley</i>		Level III	
						Examiner/Initial George Morini Sig. <i>George Morini</i>		Level II
						Date (Month-Day-Year) 10/11/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				Other **	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments EXAMINED IN PLACE

Reviewed By <i>Dan L. Lott</i>	ANII Review <i>CS Ward</i>	Date <i>10/13/01</i>
	Level <i>III</i>	Date <i>10-13-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-5100-B28 RC PUMP SEAL HOUSING BOLTING		Drawing Number ALA1-5100		Sheet Number S01F1V031	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A	
						Procedure No. FNP-0-NDE-100.21	
						Revision No. 1.0 / N/A	
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge			Examiner/Initial James F. Halley Sig. <i>J. F. Halley</i>		Level III
					Examiner/Initial George Morini Sig. <i>George Morini</i>		Level II
					Date (Month-Day-Year) 10/11/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				Other **	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.

** Provide details on other areas examined

Comments EXAMINED IN PLACE

Reviewed By <i>Samuel L. Lottus</i>	ANII Review <i>Edward</i>	Date <i>10/13/01</i>
	Level <i>III</i>	Date <i>10-13-01</i>

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-5100-B29 RC PUMP SEAL HOUSING BOLTING		Drawing Number ALA1-5100		Sheet Number S01F1V032	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA <i>N/A</i>	
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV		Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge			Examiner/Initial James F. Halley Sig. <i>J. F. Halley</i> Level III	
						Examiner/Initial George Morini Sig. <i>George Morini</i> Level II	
						Date (Month-Day-Year) 10/11/01	

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
** Provide details on other areas examined							

Comments EXAMINED IN PLACE

Reviewed By <i>Samuel A. Loffler</i>	ANII Review <i>L. S. W. M. d</i>	Date <i>10/13/01</i>
	Level <i>III</i>	Date <i>10-13-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-5100-B30 RC PUMP SEAL HOUSING BOLTING		Drawing Number ALA1-5100		Sheet Number S01F1V033		
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A		
						Procedure No. FNP-0-NDE-100.21		
						Revision No. 1.0 / N/A		
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial James F. Halley Sig. <i>J. F. Halley</i>		Level III	
						Examiner/Initial George Morini Sig. <i>George Morini</i>		Level II
						Date (Month-Day-Year) 10/11/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
** Provide details on other areas examined							

Comments EXAMINED IN PLACE

Reviewed By <i>Samuel A. Hoffner</i>	ANII Review <i>CGW</i>	Date <i>10/13/01</i>
	Level <i>III</i>	Date <i>10-13-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-5100-B31 RC PUMP SEAL HOUSING BOLTING		Drawing Number ALA1-5100		Sheet Number S01F1V034	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial James F. Halley Sig. <i>J. F. Halley</i> Level III Examiner/Initial George Morini Sig. <i>George Morini</i> Level II Date (Month-Day-Year) 10/11/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
** Provide details on other areas examined							

Comments EXAMINED IN PLACE

Reviewed By <i>Samuel Lottus</i>	ANII Review <i>CGW</i>	Date <i>10/13/01</i>
	Level <i>III</i>	Date <i>10-13-01</i>

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-5100-B32 RC PUMP SEAL HOUSING BOLTING		Drawing Number ALA1-5100		Sheet Number S01F1V035	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA <i>N/A</i>	
						Procedure No. FNP-0-NDE-100.21	
						Revision No. 1.0 / N/A	
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge			Examiner/Initial James F. Halley Sig. <i>J F Halley</i>		Level III
					Examiner/Initial George Morini Sig. <i>George Morini</i>		Level II
					Date (Month-Day-Year) 10/11/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1			<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1		
	SAT	*UN-SAT		SAT	*UN-SAT
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	Protective Coating	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
			Other **	<input checked="" type="checkbox"/>	<input type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.					
** Provide details on other areas examined					

Comments EXAMINED IN PLACE

Reviewed By <i>Samuel S. Loftis</i>	ANII Review <i>C. G. Ward</i>		Date <i>10/13/01</i>
	Level <i>III</i>		Date <i>10-13-01</i>

Revision 1.0

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-5100-B33 RC PUMP SEAL HOUSING BOLTING		Drawing Number ALA1-5100		Sheet Number S01F1V036	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial James F. Halley Sig. <i>J.F. Halley</i> Level III Examiner/Initial George Morini Sig. <i>G. Morini</i> Level II Date (Month-Day-Year) 10/11/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
** Provide details on other areas examined							

Comments EXAMINED IN PLACE

Reviewed By <i>George Morini</i>	ANII Review <i>CGH</i>	Date <i>10/13/01</i>
	Level <i>III</i>	Date <i>10-13-01</i>

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-5100-B34 RC PUMP SEAL HOUSING BOLTING		Drawing Number ALA1-5100		Sheet Number S01F1V037	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial James F. Halley Sig. [Signature] Level III Examiner/Initial George Morini Sig. [Signature] Level II Date (Month-Day-Year) 10/11/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
** Provide details on other areas examined							

Comments EXAMINED IN PLACE

Reviewed By [Signature]	ANII Review [Signature]	Date 10/13/01
	Level III	Date 10-13-01

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-5100-B35 RC PUMP SEAL HOUSING BOLTING		Drawing Number ALA1-5100		Sheet Number S01F1V038	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial James F. Halley Sig. [Signature] Level III Examiner/Initial George Morini Sig. [Signature] Level II Date (Month-Day-Year) 10/11/01		

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				Other **	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* Provide details on unsat areas by use of supplemental data sheet.
** Provide details on other areas examined

Comments EXAMINED IN PLACE

Reviewed By [Signature]	ANII Review [Signature]	Date 10/13/01
	Level III	Date 10-13-01

Plant / Unit Farley / 1		Line Number/Examination Area/Weld No. ALA1-5100-B36 RC PUMP SEAL HOUSING BOLTING		Drawing Number ALA1-5100		Sheet Number S01F1V039	
Photos <input type="checkbox"/> Yes <input type="checkbox"/> B/W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color		Sketch <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Resolution <input type="checkbox"/> 1/32" Division (Scale) <input checked="" type="checkbox"/> 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Video <input type="checkbox"/> Remote		WO / WA N/A Procedure No. FNP-0-NDE-100.21 Revision No. 1.0 / N/A	
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	Tools <input type="checkbox"/> Scale <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Level <input type="checkbox"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/>			Examiner/Initial James F. Halley Sig. <i>J.F. Halley</i> Examiner/Initial George Morini Sig. <i>George Morini</i> Date (Month-Day-Year) 10/11/01		Level III II

<input type="checkbox"/> WELDS AND BASE MATERIAL VT-1	SAT	*UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	*UN-SAT	N/A
Ground Blend Material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Loose Members	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Undercut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corrosion Build-up	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gouges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of Leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thread Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arc Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deformation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protective Coating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other**	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Evidence of Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet.				Other **	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
** Provide details on other areas examined							

Comments EXAMINED IN PLACE

Reviewed By <i>Samuel Hopkins</i>	ANII Review <i>egwmd</i>	Date 10/13/01
	Level III	Date 10-13-01

Revision 1.0

Unit 1	Component Number ALA1-5100-FW1	Procedure/Rev./TCN FNP-0-NDE-100.5 / 6.0 / N/A	Sheet No. S01F1P007	Page / of /
Thermometer Mfg/Ser. No. PTC / 43880 Cal. Due Date 2/25/02 Surface Temp. 81 ° F		Penetrant Materials Manufacturer Magnaflux Cleaner / Remover SKC-S Penetrant SKL-SP Developer SKD-S2 Type Batch 99J01K 96J02K 98D11K		
Component Configuration RC PUMP FLYWHEEL		% of Length Coverage 100%	Date 10/16/01	
% of Area Coverage 100%				
Ind. No.	Results	Dwell Time	Indication Desc. / Exam Limitations / etc.	Remarks
N/A	NRI	15	N/A	EXAMINATION OF KEYWAYS

Augmented Examination Incl 10-17-01

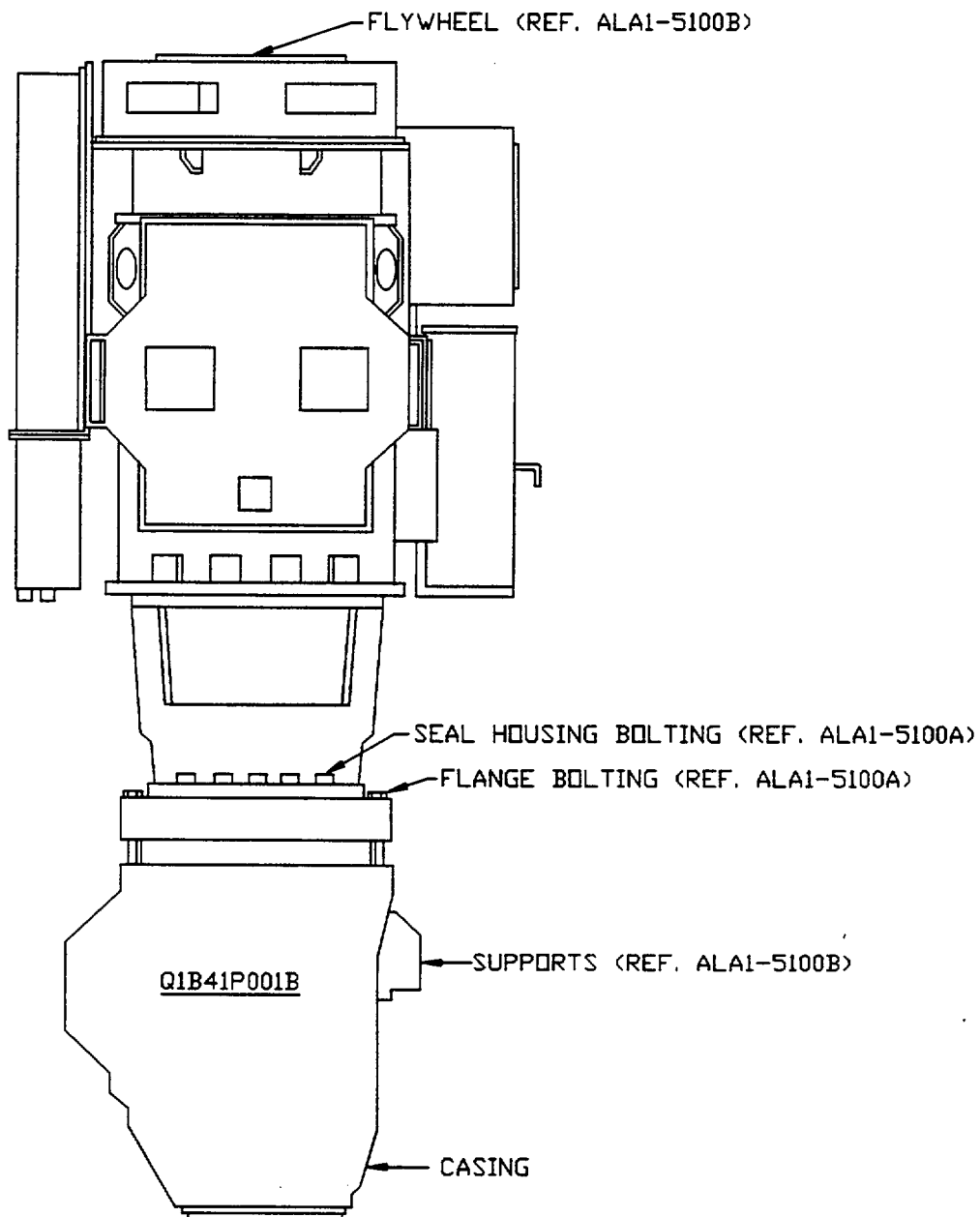
Primary Examiner James F. Halley	ASNT Level III	Initials JFH	Assistant Examiner N/A	ASNT Level N/A	Initials	Non-Technical Review Lynda Duke	Date 10-17-01
SNC NDE Level II/III Review Lynda Duke	Date 10-17-01	Percentage of Code Coverage N/A	ANII Review	N/A		Date N/A	Revision 6.

DRAWING ALA1-5200
REACTOR COOLANT PUMP B

[illegible]

CONTAINMENT

ALA1-5200

REACTOR COOLANT PUMP B

CAD ALA15200 RAV-02
AUTOCAD

1	3-26-98	RAW	JAR	REVISED PER REA 96-1295, REV. 0	LDT	DLG	REV		
0	6-30-92	SDH	JAR	ISSUED PER PCN S-92-1-8162.	CAB	OCM	FOR	AH	DML
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

REACTOR COOLANT PUMP

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

66

1

Farley Nuclear Plant
Support Examination Record VT-3

SHARED

FNPP-0-NDE-100.23
Southern Nuclear Operating Company

Plant/ Unit Farley / 1		System/Support No ALA1-5200-CS-1		WO/WA/STP N/A		Sheet No. S01F1V057	
Hanger Type REACTOR COOLANT PUMP B Q1B41P001B		Type Exam/Technique VT-3 / Direct		Procedure/Version FNP-0-NDE-100.23 / 5.0 / N/A		Exam Date 10/14/01	
Examiner Signature Paul DiValerio <i>Paul DiValerio</i>		Level II		Resolution 1/32" Division (Scale) <input checked="" type="checkbox"/>		Tools FLASHLIGHT, MIRROR, SCALE	
Examiner Signature N/A		Level		1/32" Line (Gray Card) <input type="checkbox"/>			

EXAMINATION LIST:

Acceptable/ Unacceptable/ NA

Sketch (if applicable)

Deformation or structural degradation of fasteners, springs, clamps, or other support items.

Acceptable

Missing, detached, or loosened support items.

Acceptable

Arc strikes, weld spatter, paint scoring, roughness, or general corrosion on close tolerance machined or sliding surfaces or on the wire strands of Wear devices.

N/A

Any crack or linear indication.

Acceptable

Fluid loss or lack of fluid indication (hydraulic snubber only).

N/A

Other conditions

N/A

Spring Can Hot and Cold Positions (draw sketch)

Time of Exam
N/A

N/A

Constant Spring Hanger
(Sketch setting of pointer and setting location of the hot (red) and cold (white) stickers)

Identification Plate Calibrated Load Setting N/A

Comments:

N/A

NDE Level II/III Review <i>Sam Hoffus III</i>		Date: 10-16-01		ANII Review <i>GH</i>		Date: 10/16/01	
Version 5.0				Page 1 of 1			

Farley Nuclear Plant
Support Examination Record VT-3

SHARED

FNP-0-NDE-100.23
Southern Nuclear Operating Company

Plant/ Unit Farley / 1	System/Support No ALA1-5200-CS-2	WO/WA/STP N/A	Sheet No. S01F1V058
Hanger Type REACTOR COOLANT PUMP B Q1B41P001B	Type Exam/Technique VT-3 / Direct	Procedure/Version FNP-0-NDE-100.23 / 5.0 / N/A	Exam Date 10/14/01
Examiner Signature Paul DiValerio <i>Paul DiValerio</i>	Level II	Resolution 1/32" Division (Scale) <input checked="" type="checkbox"/>	Tools FLASHLIGHT, MIRROR, SCALE
Examiner Signature N/A	Level	Resolution 1/32" Line (Gray Card) <input type="checkbox"/>	

EXAMINATION LIST:

Acceptable/ Unacceptable/ NA

Sketch (if applicable)

Deformation or structural degradation of fasteners, springs, clamps, or other support items.

Acceptable

Missing, detached, or loosened support items.

Acceptable

Arc strikes, weld spatter, paint scoring, roughness, or general corrosion on close tolerance machined or sliding surfaces or on the wire strands of Wear devices.

N/A

Any crack or linear indication.

Acceptable

Fluid loss or lack of fluid indication (hydraulic snubber only).

N/A

Other conditions

N/A

Spring Can Hot and Cold Positions (draw sketch)

Time of Exam
N/A

N/A

Constant Spring Hanger
(Sketch setting of pointer and setting location of the hot (red) and cold (white) stickers)

Identification Plate Calibrated Load Setting N/A

Comments:

N/A

NDE Level II/III Review <i>Samuel D. Hoffman III</i>	Date: 10-16-01	ANII Review <i>Py W. ...</i>	Date: 10/16/01
Version 5.0		Page 1 of 1	

Farley Nuclear Plant
Support Examination Record VT-3

SHARED

FNPP-0-NDE-100.23
Southern Nuclear Operating Company

Plant/ Unit Farley / 1	System/Support No ALA1-5200-CS-3	WO/WA/STP N/A	Sheet No. S01F1V059
Hanger Type REACTOR COOLANT PUMP B Q1B41P001B	Type Exam/Technique VT-3 / Direct	Procedure/Version FNPP-0-NDE-100.23 / 5.0 / N/A	Exam Date 10/14/01
Examiner Signature Paul DiValerio <i>Paul DiValerio</i>	Level II	Resolution 1/32" Division (Scale) <input checked="" type="checkbox"/>	Tools FLASHLIGHT, MIRROR, SCALE
Examiner Signature N/A	Level	1/32" Line (Gray Card) <input type="checkbox"/>	

EXAMINATION LIST:

Sketch (if applicable)

	Acceptable/ Unacceptable/ NA
Deformation or structural degradation of fasteners, springs, clamps, or other support items.	Acceptable
Missing, detached, or loosened support items.	Acceptable
Arc strikes, weld spatter, paint scoring, roughness, or general corrosion on close tolerance machined or sliding surfaces or on the wire strands of Wear devices.	N/A
Any crack or linear indication.	Acceptable
Fluid loss or lack of fluid indication (hydraulic snubber only).	N/A
Other conditions	N/A
Spring Can Hot and Cold Positions (draw sketch)	Time of Exam N/A
Constant Spring Hanger (Sketch setting of pointer and setting location of the hot (red) and cold (white) stickers)	
Identification Plate Calibrated Load Setting	N/A

Comments:

N/A

NDE Level II/III Review <i>Harry D. Loftis III</i>	Date: 10-16-01	ANII Review <i>C. Ward</i>	Date: 10/16/01
Version 5.0		Page 1 of 1	