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August 17, 2000

Docket No.: 50-348

NEL-00-0203

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555-0001

Joseph M. Farley Nuclear Plant – Unit 1  
Interval 3, Period 1, Outage 2  
Inservice Inspection Report

Ladies and Gentlemen:

Pursuant to the requirements of 10 CFR 50.55a(g) and 10 CFR 50.36, Southern Nuclear Operating Company hereby submits the Farley Nuclear Plant (FNP) Interval 3, Period 1, Outage 2 Inservice Inspection Report. The report describes and summarizes the inservice inspection activities performed during the Unit 1 sixteenth refueling outage. These activities were completed May-21-2000. The Unit 1 steam generators were replaced during this outage; therefore no inservice steam generator eddy current testing was conducted.

Other pertinent report information is available at FNP for your review. This information includes, as applicable, examination plans and schedules, examination results and report, examination methods and procedures, evaluation results, and corrective action and repairs.

If there are any questions, please advise. This letter contains no NRC commitments.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Dave Morey".

Dave Morey

EWC/maf:unit190dayrep.doc

Enclosure:

FNP Interval 3, Period 1, Outage 2 Inservice Inspection Report

A047

Page 2

U. S. Nuclear Regulatory Commission

cc: Southern Nuclear Operating Company

Mr. L. M. Stinson, General Manager – Farley – w/o Enclosure

U. S. Nuclear Regulatory Commission, Washington, D. C.

Mr. L. M. Padovan, Licensing Project Manager – Farley – w/o Enclosure

U. S. Nuclear Regulatory Commission, Region II

Mr. L. A. Reyes, Regional Administrator – w/o Enclosure

Mr. T. P. Johnson, Senior Resident Inspector – Farley

# **INSERVICE INSPECTION REPORT**

**Date of Document Completion: August 1, 2000**

**REFUELING 16**

**INTERVAL 3**

**PERIOD 1**

**OUTAGE 2**

**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**

# INDEX

<b><u>SECTION</u></b>	<b><u>TAB</u></b>
NIS-1 OWNERS REPORT	A
SUMMARY	B
EXAMINATION PROGRAM	C
EXAMINATION RESULTS	D
ADDITIONAL EXAMINATIONS	E
INDICATIONS	F
PERSONNEL, EQUIPMENT, MATERIAL, & CALIBRATION BLOCK CERTIFICATIONS	G
EXAMINATION PROCEDURES	H
REACTOR VESSEL INSPECTION TOOL DATA AND RESULTS	I
NIS-2 FORM-OWNER'S REPORTS FOR REPAIRS AND REPLACEMENTS	J

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

1. Owner Southern Nuclear Operating Co. 40 Inverness Center Parkway,  
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 Coolant Piping	Southwest Fabricating	N/A	N/A	N/A
RHR Heat Exchanger A	Joseph Oats & Sons, Inc.	2004-1	N/A	475
RHR Pump A	Ingersoll Rand Co.	4396-70-10	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 03/04/00 to 05/21/00
9. Inspection Period Identification: First Period 12/01/97 to 04/01/01
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; 01/15/00; Revision 1
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 8/11 20 00 Signed Southern Nuclear Operating Co. By [Signature]  
(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 2/12/00 to 5/12/00 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.

[Signature] Commissions GA 328 IN  
Inspector's Signature National Board, State, Province, and Endorsements

Date 8/11 2000

**OWNER'S REPORT  
FOR  
INSERVICE INSPECTION**

**DATE:** 08/01/00

**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 Coolant System	B13	1-4100, 1-4200, 1-4300

**CLASS 2**

COMPONENT OR SYSTEM	SYSTEM DESIGNATION	ALA SKETCH
RHR Hx. A	E11	2-3500
RHR Pump A	E11	2-5130
RHR System	E11	2-4501, 2-4502, 2-4504, 2-4505, 2-4514, 2-4517
Containment Spray System	E13	2-4702, 2-4706, 2-4707
Safety Injection System	E21	2-4509, 2-4510, 2-4523, 2-4526, 2-4528, 2-4531, 2-4534, 2-4536, 2-4537, 2-4538, 2-4539, 2-4614, 2-4630, 2-4631, 2-4632
Chemical and Volume Control System	E21	2-1110, 2-1120, 2-4600, 2-4601, 2-4604, 2-4608
Main Steam System	N11	2-4100, 2-4101, 2-4500
Feedwater System	N21	2-4150

**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>RHR HEAT EXCHANGER</u> Joseph Oats & Co., Inc. Camden, New Jersey	<u>RHR PUMP</u> Ingersoll Rand Co. Phillipsburg, New Jersey
<u>CLASS 2 PIPING</u> Daniel Construction Co. Greenville, South Carolina	

**INSERVICE INSPECTION DATES: 03/04/00 TO 05/21/00**

**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**

**J. M. FARLEY NUCLEAR PLANT UNIT NO 1  
INTERVAL 3 PERIOD 1 OUTAGE 2  
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 from March 2000 to May 2000. 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, new gaskets installed and a re-examination performed satisfactorily.

## **CLASS 2**

### **(A) VOLUMETRIC EXAMINATIONS**

- There were five (5) volumetric indications noted on the Main Steam system as geometric reflectors and evaluated as acceptable.
- Three (3) volumetric indications on the Main Steam system were categorized as spot indications and evaluated as sub-surface with no thruwall dimension and Code acceptable.

### **(B) SURFACE EXAMINATIONS**

- An indication was noted on the RHR Hx. A nozzle reinforcement weld. The indication was evaluated as Code acceptable.
- A rounded indication was noted on a valve to elbow weld in the Safety Injection system. The indication was evaluated as Code acceptable.

### **(C) VISUAL EXAMINATIONS**

- There were thirty-four (34) 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.

## **AUGMENTED EXAMINATIONS**

- There were no augmented examinations on Reactor Coolant Pump Flywheels performed.

## **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 16th refueling outage. The testing was completed by plant personnel on 05/21/00. A copy of the completed test procedure FNP-1-SOP-1.4 (OTC 05/20/00 19:34:44) is retained by the Farley Nuclear Plant Document Control. The VT-2 data sheets are located 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-008 under Tab F contains the results of the evaluations, for ASME Class 1 bolted connections indicating evidence of boric acid. Examination data is located behind Tab 1.7.

- **Class 1 and 2 Hydrotesting**

No hydrostatic testing was performed during the 16th refueling outage to meet requirements of the current inspection interval.

- **Class 2 Functional/Inservice Testing**

Class 2 functional testing performed during the 16th refueling outage included portions of the Main Steam, Main Feedwater, Safety Injection and Charging systems.

## **STATUS OF EXAMINATIONS REQUIRED FOR CURRENT INTERVAL**

This refueling was the 2nd outage, 1<sup>st</sup> period of the current interval and the examinations completed to date represent 100 % of the total Class 1 and 2 scope for the current period. Approximately 33 % of the examinations required for the current interval have been completed.

**EXAMINATION PROGRAM PLAN**

**UNIT 1 RF 16**

**INTERVAL 3 PERIOD 1 OUTAGE 2**

**2000**

# UNIT 1

FIGURE 2

## FARLEY NUCLEAR PLANT INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1 Change No. 001 Page 1 of 2  
 10 Year Interval 3 40 Month Period 1 Outage 2

### BOP ISI Description of Change:

#### Added Components:

ALA1-4304-7  
 ALA2-4101-9  
 ALA2-4101-1L1  
 ALA2-4101-38  
 ALA2-4101-38L1  
 ALA2-4101-12BC  
 ALA2-4500-9  
 ALA2-4500-44

#### Deleted Components

ALA1-3100-IR1  
 ALA1-3100-IR2  
 ALA1-3200-1  
 ALA1-4100-4DM  
 ALA1-4100-5DM  
 ALA2-3100-4  
 ALA2-3100-5  
 ALA2-4150-22  
 ALA2-4350-24

#### Change Examinations

ALA2-4501-29 to ALA2-4501-28  
 ALA2-4502-19 to ALA2-4502-16  
 ALA2-4502-31 to ALA2-4502-12  
 ALA2-4502-8 to ALA2-4502-10  
 ALA2-4528-16 to ALA2-4502-19  
 ALA2-4534-13 to ALA2-4534-5  
 ALA2-4535-30 to ALA2-4535-6  
 ALA2-4630-2 to ALA2-4630-3  
 ALA2-4632-14 to ALA2-4632-13  
 ALA2-4633-1 to ALA2-4633-3

#### Added Examinations:

Volumetric and Surface  
 Volumetric-AUG  
 Volumetric-AUG  
 Volumetric-AUG  
 Volumetric-AUG  
 SURFACE-AUG  
 Volumetric-AUG  
 Volumetric-AUG

#### Deleted Examinations

Visual  
 Visual  
 Volumetric  
 Volumetric and Surface  
 Volumetric and Surface  
 Volumetric  
 Volumetric  
 Volumetric-AUG  
 Volumetric-AUG

Volumetric and Surface  
 Volumetric and Surface  
 Volumetric and Surface  
 Volumetric and Surface  
 Volumetric and Surface  
 Surface  
 Surface  
 Volumetric and Surface  
 Volumetric and Surface  
 Volumetric and Surface

#### Reason For Change:

Commitment per 97-19-1  
 AUGMENTED EXAMINATION  
 AUGMENTED EXAMINATION  
 AUGMENTED EXAMINATION  
 AUGMENTED EXAMINATION  
 AUGMENTED EXAMINATION  
 AUGMENTED EXAMINATION

#### Reason for Change

Steam generator to be replaced this outage  
 Steam generator to be replaced this outage  
 Steam generator to be replaced this outage  
 Steam generator to be replaced this outage  
 Steam generator to be replaced this outage  
 Steam generator to be replaced this outage  
 Steam generator to be replaced this outage  
 Weld to be replaced this outage  
 Weld to be replaced this outage

#### Description of Change

Class 2 weld substitution (1<sup>st</sup> time examine)  
 Class 2 weld substitution (1<sup>st</sup> time examine)  
 Class 2 weld substitution (1<sup>st</sup> time examine)  
 Class 2 weld substitution (1<sup>st</sup> time examine)  
 Class 2 weld substitution (1<sup>st</sup> time examine)  
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 Class 2 weld substitution (1<sup>st</sup> time examine)  
 Class 2 weld substitution (1<sup>st</sup> time examine)

APPROVED BY: See page 2  
 Vendor Coordinator

Date

APPROVED BY: See page 2  
 SNC Coordinator

Date

# UNIT 1

FIGURE 2

## FARLEY NUCLEAR PLANT INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1 Change No. 001 Page 2 of 2  
 10 Year Interval 3 40 Month Period 1 Outage 2

### DEFER EXAMINATIONS

ALA2-4600-6	Volumetric and Surface	Defer to 2 <sup>nd</sup> period / access restrictions to tunnel
ALA2-4600-7	Volumetric and Surface	Defer to 2 <sup>nd</sup> period / access restrictions to tunnel
ALA2-4600-10	Volumetric and Surface	Defer to 2 <sup>nd</sup> period / access restrictions to tunnel
ALA2-4600-14	Volumetric and Surface	Defer to 2 <sup>nd</sup> period / not accessible /select different weld
ALA2-4600-15	Volumetric and Surface	Defer to 2 <sup>nd</sup> period / not accessible /select different weld

### Change procedure number

ALA1-5100-FW1	FNP-0-NDE-100.37
FNP-0-NDE-100.31	
ALA1-5300-FW1	FNP-0-NDE-100.37
FNP-0-NDE-100.31	
ALA1-1300-S01 to S19	FNP-0-NDE-100.39
FNP-0-NDE-100.31	

APPROVED BY: John W. Beel

Vendor Coordinator

3-8-00  
 Date
APPROVED BY: Harold R. Loftis

SNC Coordinator

3-8-2000  
 Date

# UNIT 1

FIGURE 2

## FARLEY NUCLEAR PLANT INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1 Change No. 002 Page 1 of 1  
 10 Year Interval 3 40 Month Period 1 Outage 2

**Components:**

ALA2-4101-11BC

**Change Examination Requirement:**

Volumetric-AUG (delete Surface-AUG) Cal. Block ALA-23

**Reason For Change:**

The main steam lines will be inspected in accordance with Improved Technical Specification 5.5.16. Requires a volumetric examination

Same as above

ALA2-4101-12BC

Volumetric-AUG (delete Surface-AUG) Cal. Block ALA-23

Same as above

ALA2-4101-13BC

Volumetric-AUG (delete Surface-AUG) Cal. Block ALA-23

Same as above

ALA2-4101-14BC

Volumetric-AUG (delete Surface-AUG) Cal. Block ALA-23

Same as above

ALA2-4101-15BC

Volumetric-AUG (delete Surface-AUG) Cal. Block ALA-23

MT examination would be limited due to configuration, PT provides code coverage.

ALA2-4150-27

Change procedure from MT to PT FNP-0-NDE-100.5

**Add examination**

ALA2-4500-11L2

Volumetric-AUG

Plan shows only one long. Seam. Elbow has long seam on intradose and extradose.

**Change hanger description**

ALA2-4702-CS-R294

**CHANGE TO:**

Hydraulic snubber

ALA2-4702-CS-R294 and ALA2-4702-CS-R293 have been combined into one drawing. ALA2-4702-CS-R294 is the hydraulic snubber.

**Change Examinations**

ALA2-1110-4 to ALA2-1110-3

Volumetric

**Substitution**, access limited due to hanger this weld previously examined during 2-1-2 outage.

**Editorial changes**

ALA1-1300-S19

**Examinations required**

Volumetric and surface

ALA2-4528-16 to ALA2-4528-19

Was listed as ALA2-4502-19

**Reason**

Add volumetric/ UT procedure listed  
Incorrect sketch listed.

APPROVED BY:

*John W. Bell*  
Vendor Coordinator

3-10-00

Date

APPROVED BY:

*J. E. O'Roach*  
SNC Coordinator

3-10-00

Date

# UNIT 1

FIGURE 2

## FARLEY NUCLEAR PLANT INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1 Change No. 003 Page 1 of 1  
 10 Year Interval 3 40 Month Period 1 Outage 2

**Components:****Delete Examination**

ALA2-4101-38

Volumetric

**Reason For Change:**

Per walkdown, this weld does not exist,  
 elbow to pipe (header)(no pipe to pipe  
 section)

ALA2-4101-38LI

Volumetric

Per walkdown, this longseam does not exist.

ALA2-4625-SI-R33

Visual

Snubber was removed per snubber reduction,  
 no longer exists in field.

**Add Examination**

ALA2-4101-12BC

Surface and Volumetric-AUG

Surface exam selected for code credit.

**Change Examinations**

ALA2-4528-19 to ALA2-4528-17 Volumetric and Surface

Weld substitution / due to access / first time  
 selected for examination.

ALA2-4101-21BC

Volumetric-AUG (delete Surface-  
 AUG) Cal. Block ALA-23 & ALA-26

The main steam lines will be inspected in  
 accordance with Improved Technical  
 Specification 5.5.16.

ALA2-4101-26BC

Volumetric-AUG (delete Surface-  
 AUG) Cal. Block ALA-23 & ALA-27

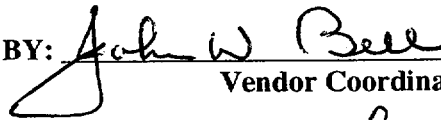
The main steam lines will be inspected in  
 accordance with Improved Technical  
 Specification 5.5.16.

ALA2-4500-24BC

Volumetric-AUG (delete Surface-  
 AUG) Cal. Block ALA-24 & ALA-26

The main steam lines will be inspected in  
 accordance with Improved Technical  
 Specification 5.5.16.

APPROVED BY:

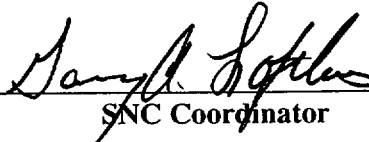


Vendor Coordinator

3-16-2000

Date

APPROVED BY:



SNC Coordinator

3-16-2000

Date

# UNIT 1

FIGURE 2

## FARLEY NUCLEAR PLANT INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1 Change No. 004 Page 1 of 1  
 10 Year Interval 3 40 Month Period 1 Outage 2

**Components:****Add Examination**

1. ALA2-4101-2L2 Volumetric-AUG.

2. ALA2-4101-4L2 Volumetric-AUG.

**Add Calibration Block**

3. ALA2-4101-5 ALA-24

**Delete Calibration block**

4. ALA2-4500-24BC ALA-26

**Change Examinations**

5. ALA2-4101-28 **Exam Required**  
 Volumetric-AUG  
 Delete MT

6. ALA2-4101-29 Add Volumetric and surface (Code)

**Change Calibration block**

7. ALA2-4502-3 **New Block**  
 ALA-12 (12")  
 8. ALA2-4502-9 ALA-49 (14")  
 9. ALA2-4502-10 ALA-49 (14")

**Editorial**

10 Page 13, select UT instead of PT  
 for ALA2-4101-26BC

**Reason For Change:**

During the ISI examination, an additional long seam was discovered. This long seam is on the introdose of the elbow.

During the ISI examination, an additional long seam was discovered. This long seam is on the introdose of the elbow.

Two calibration blocks are needed. (ALA-23 was for the header side of weld)

Due to Branch connection configuration, a saddle type with access from both sides, only one calibration block is needed. ALA-26 (8") provides no coverage.

Support assembly for MS-R133 restricts MT access for 6" of the weld. Vol-AUG required.

Substitution for code credit, for ALA2-4101-28.

**Deleted Block**

ALA-49 (14")  
 ALA-12 (12")  
 ALA-12 (12")

**Reason**

PC-003 changed the examination requirements, the table was not changed

APPROVED BY:

John W. Beel  
 Vendor Coordinator

3/22/00  
 Date

APPROVED BY:

Darryl A. Saffus  
 SNC Coordinator

3-22-2000  
 Date

# UNIT 1

FIGURE 2

## FARLEY NUCLEAR PLANT INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1 Change No. 005 Page 1 of 1  
 10 Year Interval 3 40 Month Period 1 Outage 2

### Components: Change weld description

### Reason For Change:

1.	ALA2-4101-29 (page 13 in outage plan)	Elbow to Pipe, change to Elbow to <b>Elbow</b>	Actual configuration verified during ISI examination.
2.	ALA2-4101-30 (page 13 in outage plan)	Pipe to Pipe, change to <b>Elbow</b> to Pipe	Actual configuration verified during ISI examination.

	Change/ Add Examinations	Exam Required	
3.	ALA2-4601-1 to ALA2-4604-5 (page 20 & 24 in outage plan)	Volumetric and Surface	Weld 1 is not accessible, weld 4604-5 substituted as a C-F-1 / C5.11
4.	Add weld ALA2-4604-4 (page 24 in outage plan)	Volumetric and Surface	Originally scheduled for 3-2-1 outage, examination scheduling to coincide with ALA2-4604-5
5.	ALA2-4535-3 to ALA2-4536-17 (page 19 & 24 in outage plan)	Surface	Weld substitution / due to access / first time selected for examination.
6.	ALA2-4535-6 to ALA2-4537-19 (page 19 & 24 in outage plan)	Surface	Weld substitution / due to access / first time selected for examination.
7.	ALA2-4632-13 to ALA2-4632-9 (page 21 & 24 in outage plan)	Volumetric and Surface	Weld substitution / due to access / first time selected for examination.
8.	ALA2-4633-3 TO ALA2-4632-6 (page 21 & 24 in outage plan)	Volumetric and Surface	Weld substitution / (WELD 4633-3 was a pipe to pipe weld, selected pipe to elbow weld / first time selected for examination.

APPROVED BY:

John W. Bell  
Vendor Coordinator

3-25-00

Date

APPROVED BY:

J. E. O'Rock  
SNC Coordinator

3-25-2000

Date

# UNIT 1

FIGURE 2

## FARLEY NUCLEAR PLANT INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1Change No. 006Page 1 of 110 Year Interval 340 Month Period 1Outage 2**Components:**

Add the following welds for PSI  
/ Steam Generator  
Replacement project  
Add Examinations

**Reason For Change:**

1R16 – Replaced Steam Generators A / B /  
C PSI required on replacement welds

		Exam Required	
1.	ALA1-4100-4R	Volumetric and Surface	PSI examination
2.	ALA1-4100-5R	Volumetric and Surface	PSI examination
3.	ALA2-4150-21R	Volumetric and Surface	PSI examination
4.	ALA2-4150-22R	Volumetric and Surface	PSI examination
5.	ALA1-4200-4R	Volumetric and Surface	PSI examination
6.	ALA1-4200-5R	Volumetric and Surface	PSI examination
7.	ALA2-4250-16R	Volumetric and Surface	PSI examination
8.	ALA2-4250-22R BC	Surface	PSI examination
9.	ALA1-4300-4R	Volumetric and Surface	PSI examination
10.	ALA1-4300-5R	Volumetric and Surface	PSI examination
11.	ALA2-4350-22R	Volumetric and Surface	PSI examination
12.	ALA2-4350-24R	Volumetric and Surface	PSI examination

APPROVED BY:

*John W. Bell*  
Vendor Coordinator

4-7-00

Date

APPROVED BY:

*John W. Bell*  
SNC Coordinator

4-7-00

Date

# UNIT 1

FIGURE 2

## FARLEY NUCLEAR PLANT INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1Change No. 007Page 1 of 110 Year Interval 340 Month Period 1Outage 2**Components:**

Change Calibration block

New Calibration block

**Reason For Change:**

1.	ALA2-4150-21R Elbow to reducer	ALA-25	ALA-51 is a 16" calibration block. ALA-25 is a 14" calibration block. This weld is on the 14" side of the reducer.
2.	ALA2-4350-22R Elbow to reducer	ALA-25	ALA-51 is a 16" calibration block. ALA-25 is a 14" calibration block. This weld is on the 14" side of the reducer.

APPROVED BY: \_\_\_\_\_

Vendor Coordinator

Date

APPROVED BY: \_\_\_\_\_

SNC Coordinator

Date

# UNIT 1

## FIGURE 2

### FARLEY NUCLEAR PLANT INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1 Change No. 008 Page 1 of 1  
 10 Year Interval 3 40 Month Period 1 Outage 2

**Components:**
**Change Examinations**
**Exam Required**
**Reason For Change:**

1.	HEG-547-AFW-R508 to HEG-547-AFW-R516X	Visual-VT-3	AFW-R508 hanger is inaccessible due to SGRP activities covering trench covers
2.	HEG-547-AFW-R511 to HEG-547-AFW-R503	Visual-VT-3	AFW-R511 hanger is inaccessible due to SGRP activities covering trench covers

APPROVED BY:

*N/A*

Vendor Coordinator

Date

APPROVED BY:

*J. E. G. [Signature]*

SNC Coordinator

*5-3-00*

Date

# UNIT 1

FIGURE 2

## FARLEY NUCLEAR PLANT INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1 Change No. 009 Page 1 of 1  
 10 Year Interval 3 40 Month Period 1 Outage 2

## Components:

## Reason For Change:

	Delete Examination	Exam Required	
1	ALA1-4101-QV001B	VT-3 / INTERNAL SURFACE	Valve not disassembled
2	ALA1-4101-QV016B	VT-3 / INTERNAL SURFACE	Valve not disassembled
3	ALA1-4102-QV032A	VT-3 / INTERNAL SURFACE	Valve not disassembled
4	ALA1-4102-QV037A	VT-3 / INTERNAL SURFACE	Valve not disassembled
5	ALA1-4103-QV076A	VT-3 / INTERNAL SURFACE	Valve not disassembled
6	ALA1-4104-QV021C	VT-3 / INTERNAL SURFACE	Valve not disassembled
7	ALA1-4104-QV051C	VT-3 / INTERNAL SURFACE	Valve not disassembled
8	ALA1-4201-QV032B	VT-3 / INTERNAL SURFACE	Valve not disassembled
9	ALA1-4201-QV037B	VT-3 / INTERNAL SURFACE	Valve not disassembled
10	ALA1-4202-QV051B	VT-3 / INTERNAL SURFACE	Valve not disassembled
11	ALA1-4203-QV021B	VT-3 / INTERNAL SURFACE	Valve not disassembled
12	ALA1-4204-QV076B	VT-3 / INTERNAL SURFACE	Valve not disassembled
13	ALA1-4204-QV077B	VT-3 / INTERNAL SURFACE	Valve not disassembled
14	ALA1-4301-QV001A	VT-3 / INTERNAL SURFACE	Valve not disassembled
15	ALA1-4302-QV032C	VT-3 / INTERNAL SURFACE	Valve not disassembled
16	ALA1-4302-QV037C	VT-3 / INTERNAL SURFACE	Valve not disassembled
17	ALA1-4303-QV021A	VT-3 / INTERNAL SURFACE	Valve not disassembled
18	ALA1-4304-QV051A	VT-3 / INTERNAL SURFACE	Valve not disassembled
19	ALA1-4305-QV077C	VT-3 / INTERNAL SURFACE	Valve not disassembled
20	ALA1-4501-QV031A	VT-3 / INTERNAL SURFACE	Valve not disassembled
21	ALA1-4502-QV031B	VT-3 / INTERNAL SURFACE	Valve not disassembled
22	ALA1-4503-QV031C	VT-3 / INTERNAL SURFACE	Valve not disassembled
23	ALA1-5100-FW1	Surface / Volumetric	Pump not disassembled / Exam area not accessible
24	ALA1-5300-FW1	Surface / Volumetric	Pump not disassembled / Exam area not accessible

	Change Weld number	New Weld Number	
1.	ALA2-4350-22R	ALA2-4350-23R	New weld number during SGRP, replaces old ISI weld number ALA2-4350-23

APPROVED BY: N/A  
 Vendor Coordinator

Date

APPROVED BY: Samuel L. Lott  
 SNC Coordinator

Date

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA1-1300-N01	B6.10	REACTOR VESSEL NUTS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-N02	B6.10	REACTOR VESSEL NUTS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-N03	B6.10	REACTOR VESSEL NUTS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-N04	B6.10	REACTOR VESSEL NUTS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-N05	B6.10	REACTOR VESSEL NUTS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-N06	B6.10	REACTOR VESSEL NUTS		○	○	●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-N07	B6.10	REACTOR VESSEL NUTS		○	○	●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-N08	B6.10	REACTOR VESSEL NUTS		○	○	●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-N09	B6.10	REACTOR VESSEL NUTS		○	○	●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-N10	B6.10	REACTOR VESSEL NUTS		○	○	●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-N11	B6.10	REACTOR VESSEL NUTS		○	○	●	(F)		FNP-0-NDE-100.21	
	B-G-1									

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA1-1300-N12	B6.10	REACTOR VESSEL NUTS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-N13	B6.10	REACTOR VESSEL NUTS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-N14	B6.10	REACTOR VESSEL NUTS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-N15	B6.10	REACTOR VESSEL NUTS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-N16	B6.10	REACTOR VESSEL NUTS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-N17	B6.10	REACTOR VESSEL NUTS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-N18	B6.10	REACTOR VESSEL NUTS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-N19	B6.10	REACTOR VESSEL NUTS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-S01	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●	○	(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1								FNP-0-NDE-100.31 39	
ALA1-1300-S02	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●	○	(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1								FNP-0-NDE-100.31 39	
ALA1-1300-S03	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●	○	(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1								FNP-0-NDE-100.31 39	

PC-01

PC-91

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA1-1300-S04	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●		(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1								FNP-0-NDE-100.21 39	
ALA1-1300-S05	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●		(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1								FNP-0-NDE-100.21 39	
ALA1-1300-S06	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●		(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1								FNP-0-NDE-100.21 39	
ALA1-1300-S07	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●		(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1								FNP-0-NDE-100.21 39	
ALA1-1300-S08	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●		(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1								FNP-0-NDE-100.21 39	
ALA1-1300-S09	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●		(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1								FNP-0-NDE-100.21 39	
ALA1-1300-S10	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●		(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1								FNP-0-NDE-100.21 39	
ALA1-1300-S11	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●		(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1								FNP-0-NDE-100.21 39	
ALA1-1300-S12	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●		(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1								FNP-0-NDE-100.21 39	
ALA1-1300-S13	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●		(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1								FNP-0-NDE-100.21 39	
ALA1-1300-S14	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●		(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1								FNP-0-NDE-100.21 39	

P. 01

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA1-1300-S15	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●		(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1						FNP-0-NDE-100.31 39			
ALA1-1300-S16	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●		(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1						FNP-0-NDE-100.31 39			
ALA1-1300-S17	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●		(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1						FNP-0-NDE-100.31 39			
ALA1-1300-S18	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●		(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1						FNP-0-NDE-100.31 39			
ALA1-1300-S19	B6.30	REACTOR VESSEL STUDS	ALA-36	●	●		(F)	016	FNP-0-NDE-100.11	N-307-1 OR PDI
	B-G-1						FNP-0-NDE-100.31 39			
ALA1-1300-W01	B6.50	REACTOR VESSEL WASHERS		○	○	●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-W02	B6.50	REACTOR VESSEL WASHERS		○	○	●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-W03	B6.50	REACTOR VESSEL WASHERS		○	○	●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-W04	B6.50	REACTOR VESSEL WASHERS		○	○	●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-W05	B6.50	REACTOR VESSEL WASHERS		○	○	●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-W06	B6.50	REACTOR VESSEL WASHERS		○	○	●	(F)		FNP-0-NDE-100.21	
	B-G-1									

PC-01  
PC-02

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA1-1300-W07	B6.50	REACTOR VESSEL WASHERS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-W08	B6.50	REACTOR VESSEL WASHERS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-W09	B6.50	REACTOR VESSEL WASHERS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-W10	B6.50	REACTOR VESSEL WASHERS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-W11	B6.50	REACTOR VESSEL WASHERS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-W12	B6.50	REACTOR VESSEL WASHERS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-W13	B6.50	REACTOR VESSEL WASHERS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-W14	B6.50	REACTOR VESSEL WASHERS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-W15	B6.50	REACTOR VESSEL WASHERS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-W16	B6.50	REACTOR VESSEL WASHERS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-W17	B6.50	REACTOR VESSEL WASHERS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA1-1300-W18	B6.50	REACTOR VESSEL WASHERS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
ALA1-1300-W19	B6.50	REACTOR VESSEL WASHERS				●	(F)		FNP-0-NDE-100.21	
	B-G-1									
<del>ALA1-3100-1R1</del>	<del>B3.140</del>	<del>SG HOT LEG NOZZLE INNER RADIUS</del>				●		008	FNP-0-NDE-100.21	<del>(VT IN LIEU OF UT)</del>
	B-D									
<del>ALA1-3100-1R2</del>	<del>B3.140</del>	<del>SG CROSS-OVER NOZ INNER RADIUS</del>				●		008	FNP-0-NDE-100.21	<del>(VT IN LIEU OF UT)</del>
	B-D									
<del>ALA1-3200-1</del>	<del>B2.40</del>	<del>SG CHANNEL HEAD TO TUBE SHEET</del>	<del>APR 6</del>		●		(F)	001	FNP-0-NDE-100.31	<del>1 of 3 reqd.</del>
	B-B									
ALA1-4100-1DM	B5.10	R.V. NOZZLE TO SAFE END		●	○	○	(A)	012	FNP-0-NDE-100.5	
	B-F									
ALA1-4100-2	B9.11	SAFE-END TO PIPE		●	○	○	(A)	012	FNP-0-NDE-100.5	
	B-J									
<del>ALA1-4100-4DM</del>	<del>B5.70</del>	<del>ELBOW TO S. G. NOZZLE</del>	<del>ALA/APR 33</del>	●	●	○	(A)	012	FNP-0-NDE-100.5	
	B-F								FNP-0-NDE-100.31	
<del>ALA1-4100-5DM</del>	<del>B5.70</del>	<del>S. G. NOZZLE TO ELBOW</del>	<del>ALA/APR 33</del>	●	●	○	(A)	012	FNP-0-NDE-100.5	
	B-F								FNP-0-NDE-100.31	
<del>ALA1-4101-QV001B</del>	<del>B12.50</del>	<del>COPEES VALVES</del>				●		Internal Surface	FNP-0-NDE-100.23	<del>Group 1. Inspect one per group if disassembled.</del>
	B-M-2									
<del>ALA1-4101-QV016B</del>	<del>B12.50</del>	<del>COPEES VALVES</del>				●		Internal Surface	FNP-0-NDE-100.23	<del>Group 1. Inspect one per group if disassembled.</del>
	B-M-2									

PC-01

PC-01

PC-01

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
<del>ALA1-4102-QV032A</del>	<del>B12.50</del>	<del>COPES VALVES</del>				●		<del>Internal Surface</del>	<del>FNP-0-NDE-100.23</del>	<del>Group 5. Inspect one per group if disassembled.</del>
	B-M-2									
<del>ALA1-4102-QV037A</del>	<del>B12.50</del>	<del>COPES VALVES</del>				●		<del>Internal Surface</del>	<del>FNP-0-NDE-100.23</del>	<del>Group 5. Inspect one per group if disassembled.</del>
	B-M-2									
<del>ALA1-4103-QV076A</del>	<del>B12.50</del>	<del>VELAN VALVE</del>				●		<del>Internal Surface</del>	<del>FNP-0-NDE-100.23</del>	<del>Group 2. Inspect one per group if disassembled.</del>
	B-M-2									
<del>ALA1-4104-QV021C</del>	<del>B12.50</del>	<del>VELAN VALVE</del>				●	(A)	<del>Internal Surface</del>	<del>FNP-0-NDE-100.23</del>	<del>Group 2. Inspect one per group if disassembled.</del>
	B-M-2									
<del>ALA1-4104-QV051C</del>	<del>B12.50</del>	<del>VELAN VALVE</del>				●	(A)	<del>Internal Surface</del>	<del>FNP-0-NDE-100.23</del>	<del>Group 1. Inspect one per group if disassembled.</del>
	B-M-2									
ALA1-4200-1DM	B5.10	RV NOZZLE TO SAFE END		●	○	○	(A)	012	FNP-0-100.5	
	B-F									
ALA1-4200-2	B9.11	SAFE-END TO PIPE		●	○	○	(A)	012	FNP-0-100.5	
	B-J									
<del>ALA1-4201-QV032B</del>	<del>B12.50</del>	<del>COPES VALVES</del>				●		<del>Internal Surface</del>	<del>FNP-0-NDE-100.23</del>	<del>Group 5. Inspect one per group if disassembled.</del>
	B-M-2									
<del>ALA1-4201-QV037B</del>	<del>B12.50</del>	<del>COPES VALVE</del>				●		<del>Internal Surface</del>	<del>FNP-0-NDE-100.23</del>	<del>Group 5. Inspect one per group if disassembled.</del>
	B-M-2									
<del>ALA1-4202-QV051B</del>	<del>B12.50</del>	<del>VELAN VALVE</del>				●	(A)	<del>Internal Surface</del>	<del>FNP-0-100.23</del>	<del>Group 2. Inspect one per group if disassembled.</del>
	B-M-2									
<del>ALA1-4203-QV021B</del>	<del>B12.50</del>	<del>VELAN VALVE</del>				●	(A)	<del>Internal Surface</del>	<del>FNP-0-NDE-100.23</del>	<del>Group 2. Inspect one per group if disassembled.</del>
	B-M-2									

PC-09

PC-09

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
<del>ALA1-4204-QV076B</del>	<del>B12.50</del>	<del>VELAN VALVE</del>				●	(A)	Internal Surface	FNP-0-NDE-100.23	Group 3. Inspect one per group if disassembled.
	B-M-2									
<del>ALA1-4204-QV077B</del>	<del>B12.50</del>	<del>VELAN VALVE</del>				●	(A)	Internal Surface	FNP-0-NDE-100.23	Group 3. Inspect one per group if disassembled.
	B-M-2									
ALA1-4300-1DM	B5.10	RV NOZZLE TO SAFE END		●			(A)	012	FNP-0-NDE-100.5	
	B-F									
ALA1-4300-2	B9.11	SAFE-END TO PIPE		●			(A)	012	FNP-0-NDE-100.5	
	B-J									
<del>ALA1-4301-QV001A</del>	<del>B12.50</del>	<del>COPEES VALVES</del>				●		Internal Surface	FNP-0-NDE-100.23	Group 1. Inspect one per group if disassembled.
	B-M-2									
<del>ALA1-4301-QV016A</del>	<del>B12.50</del>	<del>COPEES VALVES</del>				●		Internal Surface	FNP-0-NDE-100.23	Group 1. Inspect one per group if disassembled.
	B-M-2									
<del>ALA1-4302-QV032C</del>	<del>B12.50</del>	<del>COPEES VALVES</del>				●		Internal Surface	FNP-0-NDE-100.23	Group 5. Inspect one per group if disassembled.
	B-M-2									
<del>ALA1-4302-QV037C</del>	<del>B12.50</del>	<del>COPEES VALVES</del>				●		Internal Surface	FNP-0-NDE-100.23	Group 5. Inspect one per group if disassembled.
	B-M-2									
ALA1-4303-QV021A	B12.50	VELAN VALVE				●		Internal Surface	FNP-0-NDE-100.23	Group 2. Inspect one per group if disassembled.
	B-M-2									
<del>ALA1-4304-QV051A</del>	<del>B12.50</del>	<del>VELAN VALVE</del>				●		Internal Surface	FNP-0-NDE-100.23	Group 2. Inspect one per group if disassembled.
	B-M-2									
<del>ALA1-4305-QV077C</del>	<del>B12.50</del>	<del>VELAN VALVE</del>				●		Internal Surface	FNP-0-NDE-100.23	Group 3. Inspect one per group if disassembled.
	B-M-2									

PC-09

PC-09

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA1-4501-QV031A	B12.50	CROSBY VALVE				●		Internal Surface	FNP-0-NDE-100.23	Group 4. Inspect one per group if disassembled.
	B-M-2									
ALA1-4502-QV031B	B12.50	CROSBY VALVE				●		Internal Surface	FNP-0-NDE-100.23	Group 4. Inspect one per group if disassembled.
	B-M-2									
ALA1-4503-QV031C	B12.50	CROSBY VALVE				●		Internal Surface	FNP-0-NDE-100.23	Group 4. Inspect one per group if disassembled.
	B-M-2									
ALA1-5100-FW1	B1.14	RC PUMP FLYWHEEL		●	●				FNP-0-NDE-100.5	REG GUIDE 1.14 (Aug.)
	R-G/AUG								FNP-0-NDE-100.31 37	
ALA1-5300-FW1	B1.14	RC PUMP FLYWHEEL		●	●				FNP-0-NDE-100.5	REG GUIDE 1.14 (Aug.)
	R-G/AUG								FNP-0-NDE-100.31 37	
ALA2-1110-13	C5.11	LTD DEL TANK HEAD TO SHELL TO HEAD	ALA-18	○	●	○	(A)	030	FNP-0-NDE-100.31	
	C-F-1									
ALA2-1110-CS-6 (W4)	C3.20	WELDED ATTACHMENT		●	○	○	(A)	028	FNP-0-NDE-100.5	
	C-C									
ALA2-1120-CS-2 (W4)	C3.20	WELDED ATTACHMENT		●	○	○	(A)	028	FNP-0-NDE-100.5	
	C-C									
ALA2-1120-CVCS-H662	F1.20	EXCESS LETDOWN DELAY TANKS		○	○	●		037	FNP-0-NDE-100.23	
	F-A									
ALA2-3100-4	C1.10	SG-A TRANS CONE TO LOWER SHELL	APR-5	○	●	○	(F)	023	FNP-0-NDE-100.31	
	C-A									
ALA2-3100-5	C1.10	SG-A UPPER SHELL TO TRANS CONE	APR-5	○	●	○	(F)	023	FNP-0-NDE-100.31	
	C-A									

PC-09

PC-02 PC-01

PC-09

PC-01

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA2-3500-1	C1.10	RESID HX A FLANGE TO SHELL	ALA-32		●		(A)	023	FNP-0-NDE-100.31	
	C-A									
ALA2-3500-2	C1.20	RESID HX A SHELL TO HEAD	ALA-32		●		(A)	023	FNP-0-NDE-100.31	
	C-A									
ALA2-3500-3	C2.31	RESID HX A IN NOZZ REINF WELD		●				027	FNP-0-NDE-100.5	EXAMINE ID AND OD OF COLLAR
	C-B									
ALA2-3500-4	C2.31	RESID HX A OUT NOZ REINF WELD		●				027	FNP-0-NDE-100.5	EXAMINE ID AND OD OF COLLAR
	C-B									
ALA2-4100-MS3-R4	F1.20	ONE DIRECTIONAL RESTRAINT W/ATTACH				●		037	<del>FNP-0-NDE-100.23</del>	EXAMINE PER OR1-97-216.
	F-A									
ALA2-4101-1	C5.51	PENETRATION TO PIPE	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-2	C5.51	PIPE TO ELBOW	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-2L1	C5.52	ELBOW LONG SEAM	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-3	C5.51	ELBOW TO PIPE	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-3L1	C5.52	PIPE LONG SEAM	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-4	C5.51	PIPE TO ELBOW	ALA-24	●	●		(F)	036	FNP-0-NDE-100.11 FNP-0-NDE-100.31	100% of length using 1974 Code (AUG/CODE)
	C-F-2									

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA2-4101-4L1	C5.52	ELBOW LONG SEAM	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-5	C5.51	ELBOW TO PIPE	ALA-23 ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-5L1	C5.52	PIPE LONG SEAM	ALA-23		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-7	C5.51	PIPE TO PIPE	ALA-23		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-7L1	C5.52	PIPE LONG SEAM	ALA-23		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-8	C5.51	PIPE TO VALVE	ALA-23		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-9L1	C5.52	PIPE LONG SEAM	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-10	C5.51	PIPE TO VALVE	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-11BC	C5.81	BRANCH CONNECTION	ALA-23	✗	●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2			○						
ALA2-4101-13BC	C5.81	BRANCH CONNECTION	ALA-23	✗	●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2			○						
ALA2-4101-14BC	C5.81	BRANCH CONNECTION	ALA-23	✗	●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2			○						

20-04

20-02

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA2-4101-15BC	C5.81	BRANCH CONNECTION	ALA - 23	X	●		(F)	036	FNP-0-NDE-100.11 31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-16	C5.51	PIPE TO FLANGE	ALA-30	●	●		(F)	036	FNP-0-NDE-100.11 FNP-0-NDE-100.31	100% of length using 1974 Code (AUG/CODE)
	C-F-2									
ALA2-4101-17	C5.51	PIPE TO FLANGE	ALA-30		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-18	C5.51	PIPE TO FLANGE	ALA-30		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-19	C5.51	PIPE TO FLANGE	ALA-30		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-20	C5.51	PIPE TO FLANGE	ALA-30		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-21BC	C5.81	BRANCH CONNECTION	ALA - 23 ALA-26	X	●		(F)	036	FNP-0-NDE-100.11 31	100% of length using 1974 Code (AUG) VOL - AUG
	C-F-2									
ALA2-4101-22	C5.51	PIPE TO TEE	ALA-26		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-23	C5.51	PIPE TO CAP	ALA-26		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-24	C5.51	TEE TO PIPE	ALA-26	●	●		(F)	036	FNP-0-NDE-100.11 FNP-0-NDE-100.31	100% of length using 1974 Code (AUG/CODE)
	C-F-2									
ALA2-4101-25	C5.51	TEE TO CAP	ALA-26		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									

20-22

20-23

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA2-4101-26BC	C5.81	BRANCH CONNECTION	ALA-23 ALA-27	X	●		(F)	036	FNP-0-NDE-100.11 31	100% of length using 1974 Code (AUG) VOL-AUG
	C-F-2									
ALA2-4101-28	C5.51	PIPE TO ELBOW	ALA-27	X	●		(F)	036	FNP-0-NDE-100.11 FNP-0-NDE-100.31	100% of length using 1974 Code (AUG/CODE) VOL-AUG
	C-F-2									
ALA2-4101-29	C5.51	ELBOW TO PIPE ELBOW	ALA-27	●	●		(F)	036	FNP-0-NDE-100.31 FNP-0-NDE-100.11	100% of length using 1974 Code (AUG/CODE)
	C-F-2									
ALA2-4101-30	C5.51	PIPE TO PIPE ELBOW	ALA-27	●	●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-31	C5.51	PIPE TO VALVE	ALA-27	●	●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-32	C5.51	VALVE TO PIPE	ALA-27	●	●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-33	C5.51	PIPE TO ELBOW	ALA-27	●	●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-34	C5.51	ELBOW TO PIPE	ALA-27	●	●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-35	C5.51	PIPE TO VALVE	ALA-27	●	●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-36	C5.51	VALVE TO PIPE	ALA-27	●	●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-37	C5.51	PIPE TO VALVE	ALA-27	●	●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									

PC-03  
PC-04  
PC-05

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

FNP-1-M-097

Component No.	(89) Item No. (89) Code Cat.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	Sur			Vol	Vis					
ALA2-4150-2	C5.51	REDUCER TO TEE	ALA-28	●	●		(F)	030	FNP-0-NDE-100.11 FNP-0-NDE-100.31	
	C-F-2									
<del>ALA2-4150-22</del>	<del>C5.51</del>	<del>REDUCER TO NOZZLE</del>	<del>ALA-25</del>		●		(F)	<del>030</del>	<del>FNP-0-NDE-100.31</del>	<del>I.N. 93-20 (Aug.)</del>
	<del>C-F-2</del>									
ALA2-4150-27	C5.51	PIPE TO REDUCER	ALA-26	●	●		(F)	030	FNP-0-NDE-100.11 <sup>05</sup> FNP-0-NDE-100.31	
	C-F-2									
ALA2-4150-FW-R50	F1.20	ONE DIRECTIONAL RESTRAINT				●		037	FNP-0-NDE-100.23	FW-H49.
	F-A									
<del>ALA2-4350-24</del>	<del>C5.51</del>	<del>REDUCER TO NOZZLE</del>	<del>ALA-25</del>		●		(F)	<del>030</del>	<del>FNP-0-NDE-100.31</del>	<del>I.N. 93-20</del>
	<del>C-F-2</del>									
ALA2-4500-1	-	CAP TO TEE	ALA-24 APR-4		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-									
ALA2-4500-1L1	-	TEE LONG SEAM	APR-4		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-									
ALA2-4500-2	-	TEE TO PIPE	ALA-24 APR-4		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-									
ALA2-4500-2L1	-	PIPE LONG SEAM	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-									
ALA2-4500-3	-	PIPE TO TEE	ALA-24 APR-4		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-									
ALA2-4500-3L1	-	TEE LONG SEAM	APR-4		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-									

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA2-4500-9L1	-	PIPE LONG SEAM	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-									
ALA2-4500-10	-	PIPE TO PIPE	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-									
ALA2-4500-10L1	-	PIPE LONG SEAM	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-									
ALA2-4500-11	-	PIPE TO ELBOW	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-									
ALA2-4500-11L1	-	ELBOW LONG SEAM	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-									
ALA2-4500-12	-	ELBOW TO PIPE	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-									
ALA2-4500-12L1	-	PIPE LONG SEAM	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-									
ALA2-4500-13	-	PIPE TO TEE	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-									
ALA2-4500-24BC	-	BRANCH CONNECTION TO PIPE	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-		<del>ALA-26</del>							
ALA2-4500-25	-	PIPE TO PIPE	ALA-26		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-									
ALA2-4500-26	-	PIPE TO TEE	ALA-26		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-									

PC-04  
PC-03

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA2-4500-27	-	TEE TO CAP	ALA-26		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-				●		(F)	036	FNP-0-NDE-100.31	
ALA2-4500-28	-	TEE TO PIPE	ALA-26		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-				●		(F)	036	FNP-0-NDE-100.31	
ALA2-4500-29	-	PIPE TO CAP	ALA-26		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	-				●		(F)	036	FNP-0-NDE-100.31	
ALA2-4500-44L1	C5.52	PIPE LONG SEAM	ALA-24		●		(F)	036	FNP-0-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2				●		(F)	036	FNP-0-NDE-100.31	
<del>ALA2-4501-29</del> <b>28</b>	C5.11	<del>PIPE TO ELBOW</del> <b>Elbow to Pipe</b>	ALA-12	●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	PC-01
	C-F-1			●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
ALA2-4501-35	C5.11	PIPE TO ELBOW	ALA-12	●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
	C-F-1			●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
ALA2-4501-41	C5.11	ELBOW TO PIPE	ALA-12	●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
	C-F-1			●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
ALA2-4502-3	C5.11	ELBOW TO PIPE	<del>ALA-12</del> <b>ALA-12</b>	●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
	C-F-1			●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
<del>ALA2-4502-8</del> <b>10</b>	C5.11	<del>PIPE TO REDUCER</del> <b>Tee to Elbow</b>	<del>ALA-12</del> <b>ALA-49</b>	●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	PC-01 PC-04
	C-F-1			●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
ALA2-4502-9	C5.11	REDUCER TO TEE	<del>ALA-12</del> <b>ALA-49</b>	●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
	C-F-1			●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
<del>ALA2-4502-18</del> <b>16</b>	C5.11	<del>FLANGE TO PIPE</del> <b>Elbow to Flange</b>	ALA-49	●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	PC-01
	C-F-1			●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	



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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA2-4510-CVC-R225	F1.20	3 DIRECTIONAL RESTRAINT W/ATTACH				●		037	FNP-0-NDE-100.23	
	F-A									
ALA2-4510-CVC-R225 (W8)	C3.20	WELDED ATTACHMENT		●	○	○	(A)	028	FNP-0-NDE-100.5	
	C-C									
ALA2-4510-CVC-R230	F1.20	TWO DIRECTIONAL RESTRAINT			○	●		037	FNP-0-NDE-100.23	
	F-A									
ALA2-4510-CVC-R231	F1.20	SWAY STRUT			○	●		037	FNP-0-NDE-100.23	
	F-A									
ALA2-4514-SI-R86	F1.20	ONE DIRECTIONAL RESTRAINT			○	●		037	FNP-0-NDE-100.23	
	F-A									
ALA2-4514-SI-R88	F1.20	SWAY STRUT		○	○	●		037	FNP-0-NDE-100.23	
	F-A									
ALA2-4517-RHR8-R51	F1.20	TWO DIRECTIONAL RESTRAINT		○	○	●		037	FNP-0-NDE-100.23	
	F-A									
ALA2-4523-1	C5.21	FLANGE TO REDUCER	ALA-7	●	●	○	(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
	C-F-1									
ALA2-4523-5	C5.21	ELBOW TO VALVE	APR-2	●	●	○	(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
	C-F-1									
ALA2-4526-3BC	C5.41	BRANCH CONNECTION		●	○	○	(A)	032	FNP-0-NDE-100.5	
	C-F-1									
ALA2-4528- <del>18</del> <u>19</u> <u>17</u>	C5.21	<del>FLANGE TO VALVE</del> <del>tee to pipe</del> Value to pipe	ALA-7	●	●	○	(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
	C-F-1									

PC-03  
PC-01

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA2-4528-CVC-A14	F1.20	ANCHOR				●		037	FNP-0-NDE-100.23	
	F-A									
ALA2-4531-8	C5.21	PIPE TO TEE	ALA-7	●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
	C-F-1									
ALA2-4534-1	C5.30	BRANCH CONNECTION TO PIPE	-	●			(A)	030	FNP-0-NDE-100.5	
	C-F-1									
ALA2-4534-18 5	C5.30	<del>ELBOW TO PIPE</del> Elbow to Pipe	-	●			(A)	030	FNP-0-NDE-100.5	
	C-F-1									
<del>ALA2-4535-3</del>	<del>C5.30</del>	<del>TEE TO PIPE</del>		●			(A)	030	<del>FNP-0-NDE-100.5</del>	
	C-F-1									
<del>ALA2-4535-30</del> 6	<del>C5.30</del>	<del>PIPE TO VALVE</del> Pipe to Elbow	-	●			(A)	030	<del>FNP-0-NDE-100.5</del>	
	C-F-1									
ALA2-4536-3	C5.30	VALVE TO PIPE	-	●			(A)	030	FNP-0-NDE-100.5	
	C-F-1									
ALA2-4537-18	C5.30	PIPE TO ELBOW	-	●			(A)	030	FNP-0-NDE-100.5	
	C-F-1									
ALA2-4537-CVC-R611	F1.20	ONE DIRECTIONAL RESTRAINT				●		037	FNP-0-NDE-100.23	
	F-A									
ALA2-4538-3	C5.30	VALVE TO PIPE	-	●			(A)	030	FNP-0-NDE-100.5	
	C-F-1									
ALA2-4539-5	C5.30	VALVE TO PIPE	-	●			(A)	030	FNP-0-NDE-100.5	
	C-F-1									

PC-01  
PC-05  
PC-05

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA2-4600-1	C5.11	FLANGE TO PIPE	ALA-50	●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
	C-F-1									
<del>ALA2-4600-6</del>	<del>C5.11</del>	<del>ELBOW TO PIPE</del>	<del>ALA-50</del>	<del>●</del>	<del>●</del>		<del>(A)</del>	<del>030</del>	<del>FNP-0-NDE-100.5 FNP-0-NDE-100.31</del>	PC-01
	<del>C-F-1</del>									
<del>ALA2-4600-7</del>	<del>C5.11</del>	<del>PIPE TO ELBOW</del>	<del>ALA-50</del>	<del>●</del>	<del>●</del>		<del>(A)</del>	<del>030</del>	<del>FNP-0-NDE-100.5 FNP-0-NDE-100.31</del>	
	<del>C-F-1</del>									
<del>ALA2-4600-10</del>	<del>C5.11</del>	<del>ELBOW TO PIPE</del>	<del>ALA-50</del>	<del>●</del>	<del>●</del>		<del>(A)</del>	<del>030</del>	<del>FNP-0-NDE-100.5 FNP-0-NDE-100.31</del>	
	<del>C-F-1</del>									
<del>ALA2-4600-14</del>	<del>C5.11</del>	<del>ELBOW TO PIPE</del>	<del>ALA-50</del>	<del>●</del>	<del>●</del>		<del>(A)</del>	<del>030</del>	<del>FNP-0-NDE-100.5 FNP-0-NDE-100.31</del>	
	<del>C-F-1</del>									
<del>ALA2-4600-15</del>	<del>C5.11</del>	<del>PIPE TO ELBOW</del>	<del>ALA-50</del>	<del>●</del>	<del>●</del>		<del>(A)</del>	<del>030</del>	<del>FNP-0-NDE-100.5 FNP-0-NDE-100.31</del>	
	<del>C-F-1</del>									
<del>ALA2-4601-1</del>	<del>C5.11</del>	<del>ELBOW TO PIPE</del>	<del>ALA-50</del>	<del>●</del>	<del>●</del>		<del>(A)</del>	<del>030</del>	<del>FNP-0-NDE-100.5 FNP-0-NDE-100.31</del>	
	<del>C-F-1</del>									
ALA2-4601-11	C5.11	PIPE TO ELBOW	ALA-50	●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	PC-05
	C-F-1									
ALA2-4601-12	C5.11	ELBOW TO PIPE	ALA-50	●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
	C-F-1									
ALA2-4601-13	C5.11	PIPE TO ELBOW	ALA-50	●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
	C-F-1									
ALA2-4601-14	C5.11	ELBOW TO PIPE	ALA-50	●	●		(A)	030	FNP-0-NDE-100.5 FNP-0-NDE-100.31	
	C-F-1									

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA2-4608-SI-A17	F1.20	ANCHOR				●		037	FNP-0-NDE-100.23	Deleted  PC-01 PC-03  

PC-01 PC-03

PC-01 PC-05

PC-01

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA2-4707-CS-R142	F1.20	HYDRAULIC SNUBBER (2) W/ATTACH				●		037	FNP-0-NDE-100.23	
	F-A									
ALA2-4707-CS-R142 (WS)	C3.20	WELDED ATTACHMENT		●	○	○	(A)	028	FNP-0-NDE-100.5	
	C-C									
ALA2-4707-CS1-R20	F1.20	SWAY STRUT			○	●		037	FNP-0-NDE-100.23	
	F-A									
ALA2-5130-CS-1	F1.40	RHR PUMP (A) Q1E11P001A			○	●		037	FNP-0-NDE-100.23	
	F-A									
ALA2-5130-CS-2	F1.40	RHR PUMP (A) Q1E11P001A			○	●		037	FNP-0-NDE-100.23	
	F-A									
ALA2-5130-CS-3	F1.40	RHR PUMP (A) Q1E11P001A		○	○	●		037	FNP-0-NDE-100.23	
	F-A									
HEG-547-AFW-R508 516X	F1.30	TWO DIRECTIONAL RESTRAINT		○	○	●		038	FNP-0-NDE-100.23	
	F-A									
HEG-547-AFW-R544 R503	F1.30	TWO DIRECTIONAL RESTRAINT		○	○	●		038	FNP-0-NDE-100.23	
	F-A									

PC-08

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

FNP-1-M-097

Component No.	(89) Item No.	Description	Cal Block No.	Method			Mat.	Exam Cov. (FNP-FIG.)	NDE Procedures	Remarks
	(89) Code Cat.			Sur	Vol	Vis				
ALA1-4304-7	B9.11	Pipe to Valve	ALA-6	●	●	○	(A)	012	FNP-O-NDE-100.5 FNP-O-NDE-100.31	Commitment Per 97-19-1
	B-J									
ALA2-4101-9	C5.51	Valve to Pipe	ALA-24		●		(F)	036	FNP-O-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-141	C5.52	Pipe Long Seam	ALA-24		●		(F)	036	FNP-O-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-38	C5.51	Pipe to Pipe	ALA-23		●		(F)	036	FNP-O-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2		ALA-24							
ALA2-4101-38L1	C5.52	Pipe Long Seam	ALA-23		●		(F)	036	FNP-O-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4101-12BC	C5.81	Branch Connection	ALA-23	●	●		(F)	036	FNP-O-NDE-100.31 FNP-O-NDE-100.11	100% of length using 1974 Code (Vol AUG/Surf Code)
	C-F-2									
ALA2-4500-9	-	Valve to Pipe	ALA-24		●		(F)	036	FNP-O-NDE-100.31	100% of length using 1974 Code (AUG)
	-									
ALA2-4500-44	C5.51	Pipe to Pipe	ALA-24		●		(F)	036	FNP-O-NDE-100.31	100% of length using 1974 Code (AUG)
	C-F-2									
ALA2-4500-11L2 NII	-	Pipe Long Seam	ALA-24		●		(F)	036	FNP-O-NDE-100.31	100% of length using 1974 Code (AUG) (Intro dose)
	-									
ALA2-4101-2L2	C5.52	Pipe long. Seam	ALA-24		●		(F)	036	FNP-O-NDE-100.31	100% of length using 1974 code (AUG) (Intro dose)
	C-F-2									
ALA2-4101-4L2	C5.52	Pipe long. Seam	ALA-24		●		(F)	036	FNP-O-NDE-100.31	100% of length using 1974 Code (AUG) (Intro dose)
	C-F-2									

PC-01  
PC-02  
PC-03

PC-02

PC-04

**J. M. FARLEY NUCLEAR PLANT  
OUTAGE PLAN**

**FNP-1-M-097**

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PAGE 25 of     

# UNIT 1

## INSERVICE INSPECTION PROGRAM Change No. 006 (attachment)

Component No.	Item No. Code Cat.	DESCRIPTION	Calibration block	EXAM	PROCEDURE	MAT./ EXAM. FIG	Remarks/ BECHTEL WELD NUMBER
ALA1-4100-4R	B9.11 B-J	ELBOW TO SAFE END	ALA/APR-33 ALA-52	SUR VOL	FNP-0-NDE-100.41 BECHTEL PT ASME III/XI	(A) 012	SG-A RCS FW 1
ALA1-4100-5R	B9.11 B-J	SAFE END TO ELBOW	ALA/APR-33 ALA-52	SUR VOL	FNP-0-NDE-100.41 BECHTEL PT ASME III/XI	(A) 012	SG-A RCS FW 2
ALA2-4150-21R	C-F-2 5.51	ELBOW TO REDUCER	<del>ALA-51</del> ALA-25	SUR VOL	FNP-0-NDE-100.31 BECHTEL MT ASME III/XI	(F) 030	SG-A MFW FW 19
ALA2-4150-22R	C-F-2 5.51	REDUCER TO NOZZLE	ALA-51	SUR VOL	FNP-0-NDE-100.31 BECHTEL MT ASME III/XI	(F) 030	SG-A MFW FW 20
ALA1-4200-4R	B9.11 B-J	ELBOW TO SAFE END	ALA/APR-33 ALA-52	SUR VOL	FNP-0-NDE-100.41 BECHTEL PT ASME III/XI	(A) 012	SG-B RCS FW 1
ALA1-4200-5R	B9.11 B-J	SAFE END TO ELBOW	ALA/APR-33 ALA-52	SUR VOL	FNP-0-NDE-100.41 BECHTEL PT ASME III/XI	(A) 012	SG-B RCS FW 2
ALA2-4250-16R	C-F-2 5.51	REDUCER TO NOZZLE	ALA-51	SUR VOL	FNP-0-NDE-100.31 BECHTEL MT ASME III/XI	(F) 030	SG-B MFW FW 14
ALA2-4250-22R BC	C-F-2 5.81	BRANCH CONNECTION	N/A	SUR	BECHTEL MT ASME III/XI	(F) 032	SG-B MFW FW 15G
ALA1-4300-4R	B9.11 B-J	ELBOW TO SAFE END	ALA/APR-33 ALA-52	SUR VOL	FNP-0-NDE-100.41 BECHTEL PT ASME III/XI	(A) 012	SG-C RCS FW 1
ALA1-4300-5R	B9.11 B-J	SAFE END TO ELBOW	ALA/APR-33 ALA-52	SUR VOL	FNP-0-NDE-100.41 BECHTEL PT ASME III/XI	(A) 012	SG-C RCS FW 2
ALA2-4350-22R 23R	C-F-2 5.51	ELBOW TO REDUCER	<del>ALA-51</del> ALA-25	SUR VOL	FNP-0-NDE-100.31 BECHTEL MT ASME III/XI	(F) 030	SG-C MFW FW 22
ALA2-4350-24R	C-F-2 5.51	REDUCER TO NOZZLE	ALA-51	SUR VOL	FNP-0-NDE-100.31 BECHTEL MT ASME III/XI	(F) 030	SG-C MFW FW 23

PC-07

PC-06

PC-07

## INDEX TAB D

<u>DESCRIPTION</u>	<u>TAB</u>
CLASS 1	
REACTOR VESSEL EXAMS	1.1
PRESSURIZER EXAMS	1.2
STEAM GENERATOR EXAMS	1.3
PIPING WELD EXAMS	1.4
VALVE BODIES/BOLTING EXAMS	1.5
REACTOR COOLANT PUMP EXAMS	1.6
PRESSURE RETAINING BOLTING/ PRESSURE TESTING EXAMS	1.7
CLASS 2	
COMPONENT EXAMS	2.1
STEAM GENERATOR EXAMS	2.2
PIPING WELD EXAMS	2.3

**EXAMINATION SUMMARY  
FOR UNIT 1  
INTERVAL 3 PERIOD 1 OUTAGE 2**

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

ITEM NO	VOLUMERIC			SURFACE			VISUAL			REMARKS
	NI	NRI	RI	NI	NRI	RI	NI	NRI	RI	
S01	X			X						
S02	X			X						
S03	X			X						
S04	X			X						
S05	X			X						
S06	X			X						
S07	X			X						
S08	X			X						
S09	X			X						
S10	X			X						
S11	X			X						
S12	X			X						
S13	X			X						
S14	X			X						
S15	X			X						
S16	X			X						
S17	X			X						
S18	X			X						
S19	X			X						
N01							X			
N02							X			
N03							X			
N04							X			
N05							X			
N06							X			
N07							X			
N08							X			
N09							X			
N10							X			
N11							X			
N12							X			
N13							X			
N14							X			
N15							X			
N16							X			
N17							X			
N18							X			
N19							X			

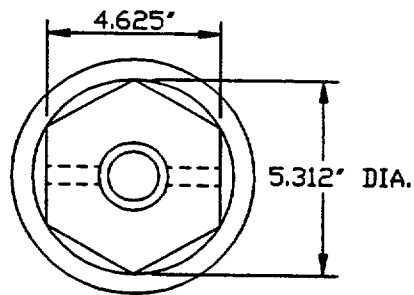
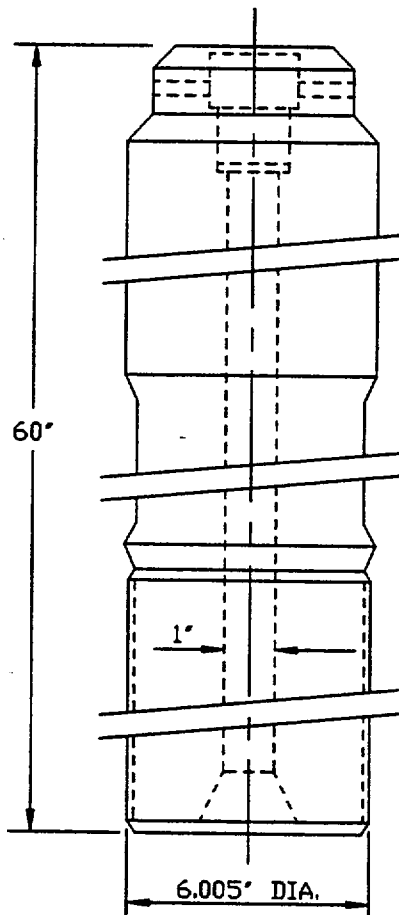
**DRAWING ALA1-1300B**  
**REACTOR VESSEL CLOSURE HEAD**

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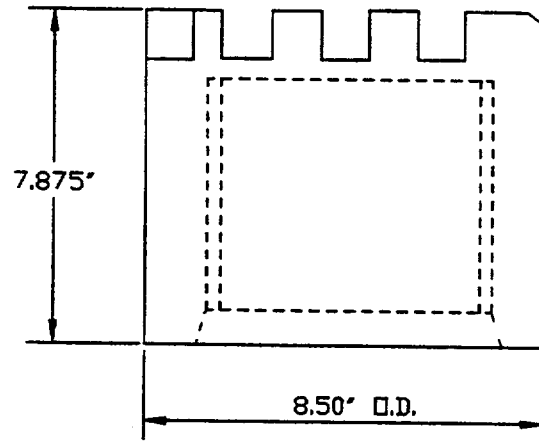
ALA1-1300B

## REACTOR VESSEL STUDS, NUTS, AND WASHERS

## STUD

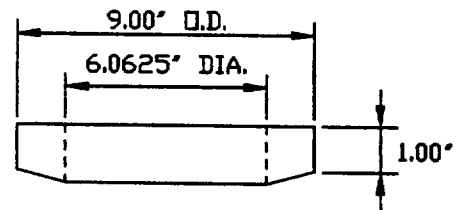


## NUT

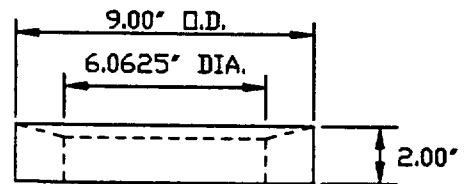


58 STUDS AND  
NUTS  
58 WASHER  
SETS (2)

## CONVEX WASHER



## CONCAVE WASHER



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	WRH	AH	DML
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

1

CAD ALA1300B  
AUTOCAD RAV-02

# SHARED

## FARLEY NUCLEAR PLANT Ultrasonic Calibration and Examination Record

FNP-0-NDE-100.39  
Southern Nuclear Operating Company

Unit	Sketch/Component No.	Date	Sheet No.	Page	of
1	ALA1-1300-S01	3/24/00	S00F1U170	1	1
Procedure/Rev./TCN	Couplant/Batch No.	Thermometer SN/Cal Due Date	Linearity Sheet No.		
FNP-0-NDE-100.39 / 3 / N/A	SONOTRACE 40 / 94243	38081 / 8/27/2000	S00F1L009		

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	PANAMETRICS	Transducer Mfg.	PANAMETRICS	Cal. Blk. No.	ALA-36	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	92108811	Serial No.	239864	Thickness	55 3/4								
Ax. dB	Circ. dB	Size	.50	Cal. Temp.	62°	(1) 7.6	50/80	6.22	N/A				
Ref.	(1)	(2)	Frequency/Mode 10 / L	Cal. In	1320	(2) 54.25	50/80	7.80	N/A				
Scan	61	66	"A" Dimension N/A	Cal. Chk.	N/A								
Reject	OFF		Nominal Angle 0	Cal. Out	1525								
Frequency	6.0		Measured Angle N/A	Ref. Blk. No.	N/A	Calibration Remarks: (1) OD NEAR NOTCH. (2) OD FAR NOTCH.							
Mode	P/E		Cable Type RG174	Reflector	N/A								
Damping	500 OHMS		Cable Length 6'	Amplitude/Sweep	N/A								

Comp. Temp.: 64° °F Configuration: REACTOR VESSEL STUDS Wo Location N/A Lo Location N/A

Scan Dir.	Results NI NRI RI	Ind. No.	% DAC	L1	Length Lmax L2	Reference Measurement W1 Wmax W2	Sweep Position S1 Smax S2	Thickness 1" < -- C/L -- > 1"	Notes:
*									N/A

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

Total Length of Weld	Crown Width	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)			
N/A	N/A	5 (L) N/A	2 (L) N/A	7 & 8 (W) N/A	5 - from N/A to N/A	2 - from N/A to N/A	From (5) N/A to (2) N/A						
Primary Examiner	Level II Assistant Examiner				Level N/A	Non-Technical Review				Date			
JOSEPH D. FUNYAK	J. D. Funyak				N/A	J. D. Funyak				3-25-00			
SNC NDE Level II/III Review	Date				Percentage of Code Coverage				ANIR Review				
J. D. Funyak	3-27-00				100 %				J. D. Funyak				
								Date 3/27/00					

Figure 1

Revision 7

# SHARED

FNP-0-NDE-100.11

MT-F-Form 002

Farley Nuclear Plant

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S01</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M008</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> <hr/> Surface Temp. <b>72</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>		<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>
Component Configuration <b>REACTOR VESSEL STUDS</b>			% of Length Coverage <b>100%</b>	Date <b>3/23/00</b>
			% of Area Coverage <b>100%</b>	
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.	Remarks	
<b>N/A</b>	<b>NI</b>	<b>N/A</b>	<b>NONE</b>	

Remarks: **BLACKLIGHT CHECK 1313 & 1515 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>JOE</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>CK</i>	Non-Technical Review <i>J. Edwards</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>Nancy Cordis L/III</i>			Date <b>3-27-00</b>	Percentage of Code Coverage <b>100</b> %	ANII Review <i>CGH</i>		Date <b>3/27/00</b>

Figure 3

Revision 4

# SHARED

**FARLEY NUCLEAR PLANT**  
**Ultrasonic Calibration and Examination Record**

**FNP-0-NDE-100.39**  
**Southern Nuclear Operating Company**

Unit <b>1</b>	Sketch/Component No. <b>ALA1-1300-S02</b>	Date <b>3/24/00</b>	Sheet No. <b>S00F1U171</b>	Page <b>1</b> of <b>1</b>
Procedure/Rev./TCN <b>FNP-0-NDE-100.39 / 3 / N/A</b>	Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>	Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L009</b>	

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>PANAMETRICS</b>	Transducer Mfg.	<b>PANAMETRICS</b>	Cal. Blk. No.	<b>ALA-36</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	<b>9210881</b>	Serial No.	<b>239864</b>	Thickness	<b>55 3/4</b>	(1) 7.6	50/80	6.22	N/A				
Ax. dB		Size	<b>.50</b>	Cal. Temp.	<b>62°</b>	(2) 54.25	50/80	7.80	N/A				
Ref.	<b>(1)</b>	Frequency/Mode	<b>10 / L</b>	Cal. In	<b>1320</b>	Calibration Remarks: (1) OD NEAR NOTCH. (2) OD FAR NOTCH.							
Scan	<b>61</b>	"A" Dimension	<b>N/A</b>	Cal. Chk.	<b>N/A</b>								
Reject	<b>OFF</b>	Nominal Angle	<b>0</b>	Cal. Out	<b>1525</b>								
Frequency	<b>6.0</b>	Measured Angle	<b>N/A</b>	Ref. Blk. No.	<b>N/A</b>								
Mode	<b>P/E</b>	Cable Type	<b>RG174</b>	Reflector	<b>N/A</b>								
Damping	<b>500 OHMS</b>	Cable Length	<b>6'</b>	Amplitude/Sweep	<b>N/A</b>								

Comp. Temp.: **64°** °F Configuration: **REACTOR VESSEL STUDS** Wo Location **N/A** Lo Location **N/A**

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"	
*					<b>N/A</b>													

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

Total Length of Weld <b>N/A</b>	Crown Width <b>N/A</b>	Total Length of Weld Examined <b>5 (L) N/A 2 (L) N/A 7 &amp; 8 (W) N/A</b>				Extent of Perpendicular Scans (W) <b>5 - from N/A to N/A 2 - from N/A to N/A</b>				Extent of Parallel Scans (L) <b>From (5) N/A to (2) N/A</b>			
Primary Examiner <b>JOSEPH D. FUNYAK</b>		Level <b>II</b>	Assistant Examiner <b>N/A</b>				Level <b>N/A</b>	Non-Technical Review <i>[Signature]</i>				Date <b>3-25-00</b>	
SNC NDE Level II/III Review <i>[Signature]</i>		Date <b>3-27-00</b>	Percentage of Code Coverage <b>100 %</b>				ANR Review <i>[Signature]</i>				Date <b>3/27/00</b>		

Figure 1

Revision 7

# SHARED

FNP-0-NDE-100.11

Farley Nuclear Plant

MT-F-Form 002

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S02</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M009</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>72</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>		<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>
Component Configuration <b>REACTOR VESSEL STUDS</b>			% of Length Coverage <b>100%</b> % of Area Coverage <b>100%</b>	Date <b>3/23/00</b>
Ind. No. <b>N/A</b>	Results <b>NI</b>	Indication Desc. / Exam Limitations / etc. <b>N/A</b>	Remarks <b>NONE</b>	

Remarks: **BLACKLIGHT CHECK 1313 & 1515 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>QDF</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>CK</i>	Non-Technical Review <i>J. Edw. Aycock</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>Dan Corda L III</i>			Date <b>3-27-00</b>	Percentage of Code Coverage <b>100</b> %	ANII Review <i>CG Ward</i>		Date <b>3/27/00</b>

Figure 3

Revision 4

# SHARED

## FARLEY NUCLEAR PLANT Ultrasonic Calibration and Examination Record

**FNP-0-NDE-100.39**  
**Southern Nuclear Operating Company**

Unit	Sketch/Component No.	Date	Sheet No.	Page
1	ALA1-1300-S03	3/24/00	S00F1U172	1 of 1
Procedure/Rev./TCN	Couplant/Batch No.	Thermometer SN/Cal Due Date	Linearity Sheet No.	
FNP-0-NDE-100.39 / 3 / N/A	SONOTRACE 40 / 94243	38081 / 8/27/2000	S00F1L009	

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>PANAMETRICS</b>	Transducer Mfg.	<b>PANAMETRICS</b>	Cal. Blk. No.	<b>ALA-36</b>								
Serial No.	<b>9210881</b>	Serial No.	<b>239864</b>	Thickness	<b>55 3/4</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Ax. dB		Circ. dB		Cal. Temp.	<b>62°</b>	(1) 7.6	50/80	6.22	N/A				
Ref.	<b>(1)</b>		<b>(2)</b>	Frequency/Mode	<b>10 / L</b>	(2) 54.25	50/80	7.80	N/A				
Scan	<b>61</b>		<b>66</b>	"A" Dimension	<b>N/A</b>								
Reject	<b>OFF</b>			Nominal Angle	<b>0</b>								
Frequency	<b>6.0</b>			Measured Angle	<b>N/A</b>								
Mode	<b>P/E</b>			Cable Type	<b>RG174</b>								
Damping	<b>500 OHMS</b>			Cable Length	<b>6'</b>								
				Ref. Blk. No.	<b>N/A</b>								
				Reflector	<b>N/A</b>								
				Amplitude/Sweep	<b>N/A</b>								

Calibration Remarks:  
 (1) OD NEAR NOTCH.  
 (2) OD FAR NOTCH.

Comp. Temp.: **64°** °F Configuration: **REACTOR VESSEL STUDS** Wo Location **N/A** Lo Location **N/A**

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"	
*																		

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

Total Length of Weld	Crown Width	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)										
N/A	N/A	5 (L)	N/A	2 (L)	N/A	7 & 8 (W)	N/A	5 - from	N/A	to	N/A	2 - from	N/A	to	N/A	From (5)	N/A	to	(2)	N/A
Primary Examiner		Level		Assistant Examiner		Level		Non-Technical Review		Date		ANII Review		Date						
JOSEPH D. FUNYAK		II		N/A		N/A		J. Eric Aycock		3-25-00		C. G. H. and		3/27/00						
SNC NDE Level II/III Review		Date		Percentage of Code Coverage																
Larry Carden L/III		3-27-00		100 %																

*Sample 100% III 6-1-00*

Figure 1

Revision 7

# SHARED

FNP-0-NDE-100.11

Farley Nuclear Plant

MT-F-Form 002

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S03</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M010</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>72</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>		<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>
Component Configuration <b>REACTOR VESSEL STUDS</b>		% of Length Coverage <b>100%</b>	Date <b>3/23/00</b>	
% of Area Coverage <b>100%</b>				
Ind. No. <b>N/A</b>	Results <b>NI</b>	Indication Desc. / Exam Limitations / etc. <b>N/A</b>		Remarks <b>NONE</b>

Remarks: **BLACKLIGHT CHECK 1313 & 1515 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>JD</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>CK</i>	Non-Technical Review <i>J. E. ...</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>Dan ...</i>			Date <b>3-27-00</b>	Percentage of Code Coverage <b>100 %</b>	ANII Review <i>CK</i>		Date <b>3/27/00</b>

Figure 3

Revision 4

# SHARED

## FARLEY NUCLEAR PLANT Ultrasonic Calibration and Examination Record

FNP-0-NDE-100.39  
Southern Nuclear Operating Company

Unit <b>1</b>	Sketch/Component No. <b>ALA1-1300-S04</b>	Date <b>3/24/00</b>	Sheet No. <b>S00F1U173</b>	Page <b>1</b> of <b>1</b>
Procedure/Rev./TCN <b>FNP-0-NDE-100.39 / 3 / N/A</b>	Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>	Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L009</b>	

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>PANAMETRICS</b>	Transducer Mfg.	<b>PANAMETRICS</b>	Cal. Blk. No.	<b>ALA-36</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	<b>9210881</b>	Serial No.	<b>239864</b>	Thickness	<b>55 3/4</b>								
Ax. dB		Circ. dB		Cal. Temp.	<b>62°</b>	(1) 7.6	50/80	6.22	N/A				
Ref.	<b>(1)</b>	<b>(2)</b>		Cal. In	<b>1320</b>	(2) 54.25	50/80	7.80	N/A				
Scan	<b>61</b>	<b>66</b>		Cal. Chk.	<b>N/A</b>								
Reject	<b>OFF</b>			Cal. Out	<b>1525</b>								
Frequency	<b>6.0</b>			Ref. Blk. No.	<b>N/A</b>	Calibration Remarks: (1) OD NEAR NOTCH. (2) OD FAR NOTCH.							
Mode	<b>P/E</b>			Reflector	<b>N/A</b>								
Damping	<b>500 OHMS</b>			Amplitude/Sweep	<b>N/A</b>								
		Size	<b>.50</b>										
		Frequency/Mode	<b>10 / L</b>										
		"A" Dimension	<b>N/A</b>										
		Nominal Angle	<b>0</b>										
		Measured Angle	<b>N/A</b>										
		Cable Type	<b>RG174</b>										
		Cable Length	<b>6'</b>										

Comp. Temp.: **64°** °F Configuration: **REACTOR VESSEL STUDS** Wo Location **N/A** Lo Location **N/A**

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"	
*				N/A														

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

Total Length of Weld	Crown Width	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)			
N/A	N/A	5 (L) N/A	2 (L) N/A	7 & 8 (W) N/A	5 - from N/A to N/A	2 - from N/A to N/A	From (5) N/A to (2) N/A						
Primary Examiner	Level				Assistant Examiner	Level				Non-Technical Review			
<b>JOSEPH D. FUNYAK</b>	<b>II</b>				<b>N/A</b>	<b>N/A</b>							
SNC NDE Level II/III Review	Date				Percentage of Code Coverage	ANII Review				Date			
	<b>3-27-00</b>				<b>100</b> %					<b>3-25-00</b>			
								<b>3/27/00</b>					

Figure 1

Revision 7

# SHARED

FNP-0-NDE-100.11

MT-F-Form 002

Farley Nuclear Plant

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S04</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M011</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> <hr/> Surface Temp. <b>72</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>		<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>
Component Configuration <b>REACTOR VESSEL STUDS</b>			% of Length Coverage <b>100%</b>	Date <b>3/23/00</b>
			% of Area Coverage <b>100%</b>	
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.	Remarks	
<b>N/A</b>	<b>NI</b>	<b>N/A</b>	<b>NONE</b>	

Remarks: **BLACKLIGHT CHECK 1313 & 1515 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>JSF</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>CK</i>	Non-Technical Review <i>J. Eric Rysock</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>San Carlos L III</i>			Date <b>3-27-00</b>	Percentage of Code Coverage <b>100</b> %		ANII Review <i>ckw</i>	Date <b>3/27/00</b>

Figure 3

Revision 4

# SHARED

## FARLEY NUCLEAR PLANT Ultrasonic Calibration and Examination Record

FNP-0-NDE-100.39  
Southern Nuclear Operating Company

Unit <b>1</b>	Sketch/Component No. <b>ALA1-1300-S05</b>	Date <b>3/24/00</b>	Sheet No. <b>S00F1U174</b>
Procedure/Rev./TCN <b>FNP-0-NDE-100.39 / 3 / N/A</b>	Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>	Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L009</b>

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>PANAMETRICS</b>	Transducer Mfg.	<b>PANAMETRICS</b>	Cal. Blk. No.	<b>ALA-36</b>								
Serial No.	<b>9210881</b>	Serial No.	<b>239864</b>	Thickness	<b>55 3/4</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Ax. dB		Circ. dB		Cal. Temp.	<b>62°</b>	(1) 7.6	50/80	6.22	N/A				
Ref.	<b>(1)</b>	<b>(2)</b>		Cal. In	<b>1320</b>	(2) 54.25	50/80	7.80	N/A				
Scan	<b>61</b>	<b>66</b>		Cal. Chk.	<b>N/A</b>								
Reject	<b>OFF</b>			Cal. Out	<b>1525</b>								
Frequency	<b>6.0</b>			Ref. Blk. No.	<b>N/A</b>								
Mode	<b>P/E</b>			Reflector	<b>N/A</b>								
Damping	<b>500 OHMS</b>			Amplitude/Sweep	<b>N/A</b>								

Calibration Remarks:  
(1) OD NEAR NOTCH.  
(2) OD FAR NOTCH.

Comp. Temp.: 64° °F Configuration: REACTOR VESSEL STUDS Wo Location N/A Lo Location N/A

Scan Dir.	Results NI NRI RI	Ind. No.	% DAC	L1	Length Lmax L2	Reference Measurement W1 Wmax W2	Sweep Position S1 Smax S2	Thickness 1" < -- C/L -- > 1"	Notes:
*									

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

Total Length of Weld <b>N/A</b>	Crown Width <b>N/A</b>	Total Length of Weld Examined <b>5 (L) N/A 2 (L) N/A 7 &amp; 8 (W) N/A</b>	Extent of Perpendicular Scans (W) <b>5 - from N/A to N/A 2 - from N/A to N/A</b>	Extent of Parallel Scans (L) <b>From (5) N/A to (2) N/A</b>
Primary Examiner <b>JOSEPH D. FUNYAK</b>	Level <b>II</b>	Assistant Examiner <b>N/A</b>	Level <b>N/A</b>	Non-Technical Review <b>J. Eric Ryzock</b>
SNC NDE Level II/III Review <b>[Signature]</b>	Date <b>3-27-00</b>	Percentage of Code Coverage <b>100 %</b>	ANII Review <b>[Signature]</b>	Date <b>3-25-00</b> Date <b>3/27/00</b>

Figure 1

Revision 7

# SHARED

FNP-0-NDE-100.11

Farley Nuclear Plant

MT-F-Form 002

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S05</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M012</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>72</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>	<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>	
Component Configuration <b>REACTOR VESSEL STUDS</b>		% of Length Coverage <b>100%</b>	Date <b>3/23/00</b>	
% of Area Coverage <b>100%</b>				
Ind. No. <b>N/A</b>	Results <b>NI</b>	Indication Desc. / Exam Limitations / etc. <b>N/A</b>		Remarks <b>NONE</b>

Remarks: **BLACKLIGHT CHECK 1313 & 1515 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>JSF</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>CK</i>	Non-Technical Review <i>J. Eric Aycock</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>Dan Cade</i> <b>L/III</b>			Date <b>3-27-00</b>	Percentage of Code Coverage <b>100</b> %	ANII Review <i>CGW</i>		Date <b>3/27/00</b>

Figure 3

Revision 4

# SHARED

**FARLEY NUCLEAR PLANT**  
**Ultrasonic Calibration and Examination Record**

**FNFP-0-NDE-100.39**  
**Southern Nuclear Operating Company**

Unit <b>1</b>	Sketch/Component No. <b>ALA1-1300-S06</b>	Date <b>3/24/00</b>	Sheet No. <b>S00F1U175</b>	Page <b>1</b> of <b>1</b>
Procedure/Rev./TCN <b>FNFP-0-NDE-100.39 / 3 / N/A</b>	Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>	Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L009</b>	

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	PANAMETRICS	Transducer Mfg.	PANAMETRICS	Cal. Blk. No.	ALA-36	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	9210881	Serial No.	239864	Thickness	55 3/4								
Ax. dB		Circ. dB		Cal. Temp.	62°								
Ref.	(1)	(2)	Size	.50	Cal. In								
Scan	61	66	Frequency/Mode	10 / L	Cal. Chk.	N/A							
Reject	OFF		"A" Dimension	N/A	Cal. Out	1525							
			Nominal Angle	0	Ref. Blk. No.	N/A	Calibration Remarks: (1) OD NEAR NOTCH. (2) OD FAR NOTCH.						
Frequency	6.0		Measured Angle	N/A	Reflector	N/A							
Mode	P/E		Cable Type	RG174	Amplitude/Sweep	N/A							
Damping	500 OHMS		Cable Length	6'									

Comp. Temp.: 64° °F Configuration: **REACTOR VESSEL STUDS** Wo Location **N/A** Lo Location **N/A**

Scan	Results			Ind.	%	L1	Length		Reference Measurement			Sweep Position			Thickness			Notes:
Dir.	NI	NRI	RI	No.	DAC		Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1" < --	C/L	-- > 1"	
*						N/A												

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

Total Length of Weld		Crown Width		Total Length of Weld Examined						Extent of Perpendicular Scans (W)						Extent of Parallel Scans (L)						
N/A		N/A		5 (L)	N/A	2 (L)	N/A	7 & 8 (W)	N/A	5 - from	N/A	to	N/A	2 - from	N/A	to	N/A	From (5)	N/A	to	(2)	N/A
Primary Examiner				Level		Assistant Examiner						Level		Non-Technical Review						Date		
JOSEPH D. FUNYAK				II		N/A						N/A		[Signature]						3-25-00		
SNC NDE Level II/III Review						Date		Percentage of Code Coverage						ANN Review						Date		
[Signature]						3-27-00		100 %						[Signature]						3/27/00		

Figure 1

Revision 7

# SHARED

FNP-0-NDE-100.11

MT-F-Form 002

Farley Nuclear Plant

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S06</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M013</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>72</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>		<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>
Component Configuration <b>REACTOR VESSEL STUDS</b>		% of Length Coverage <b>100%</b>	Date <b>3/23/00</b>	
% of Area Coverage <b>100%</b>				
Ind. No. <b>N/A</b>	Results <b>NI</b>	Indication Desc. / Exam Limitations / etc. <b>N/A</b>		Remarks <b>NONE</b>

Remarks: **BLACKLIGHT CHECK 1313 & 1515 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>JO F</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>CK</i>	Non-Technical Review <i>J. Eric Poycock</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>Jan Cooke L/III</i>			Date <b>3-27-00</b>	Percentage of Code Coverage <b>100</b> %	ANII Review <i>CLW</i>	Date <b>3/27/00</b>	

Figure 3

Revision 4

# FARLEY NUCLEAR PLANT Ultrasonic Calibration and Examination Record

## SHARED

FNP-0-NDE-100.39  
Southern Nuclear Operating Company

Unit **1** Sketch/Component No. **ALA1-1300-S07** Date **3/24/00** Sheet No. **S00F1U176** Page **1** of **1**  
Procedure/Rev./TCN **FNP-0-NDE-100.39 / 3 / N/A** Couplant/Batch No. **SONOTRACE 40 / 94243** Thermometer SN/Cal Due Date **38081 / 8/27/2000** Linearity Sheet No. **S00F1L009**

Instrument			Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>PANAMETRICS</b>		Transducer Mfg.	<b>PANAMETRICS</b>	Cal. Blk. No.	<b>ALA-36</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	<b>9210881</b>		Serial No.	<b>239864</b>	Thickness	<b>55 3/4</b>	(1) 7.6	50/80	6.22	N/A				
Ax. dB	Circ. dB	Size			Cal. Temp.	<b>62°</b>	(2) 54.25	50/80	7.80	N/A				
Ref.	<b>(1)</b>	<b>(2)</b>	Frequency/Mode	<b>10 / L</b>	Cal. In	<b>1320</b>	Calibration Remarks: (1) OD NEAR NOTCH. (2) OD FAR NOTCH.							
Scan	<b>61</b>	<b>66</b>	"A" Dimension	<b>N/A</b>	Cal. Chk.	<b>N/A</b>								
Reject	<b>OFF</b>		Nominal Angle	<b>0</b>	Cal. Out	<b>1525</b>								
Frequency	<b>6.0</b>		Measured Angle	<b>N/A</b>	Ref. Blk. No.	<b>N/A</b>								
Mode	<b>P/E</b>		Cable Type	<b>RG174</b>	Reflector	<b>N/A</b>								
Damping	<b>500 OHMS</b>		Cable Length	<b>6'</b>	Amplitude/Sweep	<b>N/A</b>								

Comp. Temp.: **64°** °F Configuration: **REACTOR VESSEL STUDS** Wo Location **N/A** Lo Location **N/A**

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"	
*			N/A					

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

Total Length of Weld	Crown Width	Total Length of Weld Examined	Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)			
N/A	N/A	5 (L) N/A 2 (L) N/A 7 & 8 (W) N/A	5 - from	N/A	to	N/A	2 - from	N/A	to	N/A
Primary Examiner			Level	Assistant Examiner			Level	Non-Technical Review		
JOSEPH D. FUNYAK			II	N/A			N/A	J. Eric Depock		
SNC NDE Level II/III Review			Date	Percentage of Code Coverage			ANII Review			Date
Dany Cordes			3-27-00	100 %			14/00			3-25-00
										2/27/00

Figure 1

Revision 7

# SHARED

FNP-0-NDE-100.11

Farley Nuclear Plant

MT-F-Form 002

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S07</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M014</b>	Page <u>1</u> of <u>1</u>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> <hr/> Surface Temp. <b>72</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>		<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>
Component Configuration <b>REACTOR VESSEL STUDS</b>			% of Length Coverage <b>100%</b>	Date <b>3/23/00</b>
			% of Area Coverage <b>100%</b>	
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.	Remarks	
<b>N/A</b>	<b>NI</b>	<b>N/A</b>	<b>NONE</b>	

Remarks: **BLACKLIGHT CHECK 1313 & 1515 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>JD</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>CK</i>	Non-Technical Review <i>J. Eric Ojeda</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>Dan Cordis L/III</i>			Date <b>3-27-00</b>	Percentage of Code Coverage <b>100</b> %	ANII Review <i>CGW</i>		Date <b>3/27/00</b>

Figure 3

Revision 4

# SHARED

**FARLEY NUCLEAR PLANT**  
**Ultrasonic Calibration and Examination Record**

**SNP-0-NDE-100.39**  
**Southern Nuclear Operating Company**

Unit <b>1</b>	Sketch/Component No. <b>ALA1-1300-S08</b>	Date <b>3/24/00</b>	Sheet No. <b>S00F1U177</b>
Procedure/Rev./TCN <b>SNP-0-NDE-100.39 / 3 / N/A</b>	Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>	Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L009</b>

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>PANAMETRICS</b>	Transducer Mfg.	<b>PANAMETRICS</b>	Cal. Blk. No.	<b>ALA-36</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	<b>92108811</b>	Serial No.	<b>239864</b>	Thickness	<b>55 3/4</b>	(1) 7.6	50/80	6.22	N/A				
Ax. dB		Size	<b>.50</b>	Cal. Temp.	<b>62°</b>	(2) 54.25	50/80	7.80	N/A				
Ref.	<b>(1)</b>	Frequency/Mode	<b>10 / L</b>	Cal. In	<b>1320</b>	Calibration Remarks: (1) OD NEAR NOTCH. (2) OD FAR NOTCH.							
Scan	<b>61</b>	"A" Dimension	<b>N/A</b>	Cal. Chk.	<b>N/A</b>								
Reject	<b>OFF</b>	Nominal Angle	<b>0</b>	Cal. Out	<b>1525</b>								
Frequency	<b>6.0</b>	Measured Angle	<b>N/A</b>	Ref. Blk. No.	<b>N/A</b>								
Mode	<b>P/E</b>	Cable Type	<b>RG174</b>	Reflector	<b>N/A</b>								
Damping	<b>500 OHMS</b>	Cable Length	<b>6'</b>	Amplitude/Sweep	<b>N/A</b>								

Comp. Temp.: **64°** °F Configuration: **REACTOR VESSEL STUDS** Wo Location **N/A** Lo Location **N/A**

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"	
*																		

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

Total Length of Weld	Crown Width	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)										
N/A	N/A	5 (L)	N/A	2 (L)	N/A	7 & 8 (W)	N/A	5 - from	N/A	to	N/A	2 - from	N/A	to	N/A	From (5)	N/A	to	(2)	N/A
Primary Examiner		Level		Assistant Examiner				Level		Non-Technical Review				Date						
JOSEPH D. FUNYAK		II		N/A				N/A		J. Eric Aycock				3-25-00						
SNC NDE Level II/III Review		Date		Percentage of Code Coverage				ANII Review		Date										
Dany Cordes LTR		3-27-00		100 %				C. Howard		3/27/00										

Figure 1

Revision 7

# SHARED

FNP-0-NDE-100.11

Farley Nuclear Plant

MT-F-Form 002

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S08</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M015</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> <hr/> Surface Temp. <b>72</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>		<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>
Component Configuration <b>REACTOR VESSEL STUDS</b>			% of Length Coverage <b>100%</b>	Date <b>3/23/00</b>
			% of Area Coverage <b>100%</b>	
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.	Remarks	
<b>N/A</b>	<b>NI</b>	<b>N/A</b>	<b>NONE</b>	

Remarks: **BLACKLIGHT CHECK 1313 & 1515 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>JOF</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>avK</i>	Non-Technical Review <i>J. Eric Rysock</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>Wang Carlos L/TU</i>			Date <b>3-27-00</b>	Percentage of Code Coverage <b>100</b> %		ANII Review <i>LG and</i>	Date <b>3/27/00</b>

Figure 3

Revision 4

# SHARED

**FARLEY NUCLEAR PLANT**  
**Ultrasonic Calibration and Examination Record**

**FNP-0-NDE-100.39**  
**Southern Nuclear Operating Company**

Unit <b>1</b>	Sketch/Component No. <b>ALA1-1300-S09</b>	Date <b>3/24/00</b>	Sheet No. <b>S00F1U178</b>	Page <b>1</b> of <b>1</b>
Procedure/Rev./TCN <b>FNP-0-NDE-100.39 / 3 / N/A</b>		Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>		Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>
			Linearity Sheet No. <b>S00F1L009</b>	

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>PANAMETRICS</b>	Transducer Mfg.	<b>PANAMETRICS</b>	Cal. Blk. No.	<b>ALA-36</b>								
Serial No.	<b>9210881</b>	Serial No.	<b>239864</b>	Thickness	<b>55 3/4</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Ax. dB		Circ. dB		Cal. Temp.	<b>62°</b>	(1) 7.6	50/80	6.22	N/A				
Ref.	<b>(1)</b>	<b>(2)</b>		Cal. In	<b>1320</b>	(2) 54.25	50/80	7.80	N/A				
Scan	<b>61</b>	<b>66</b>		Cal. Chk.	<b>N/A</b>								
Reject	<b>OFF</b>			Cal. Out	<b>1525</b>								
Frequency	<b>6.0</b>			Ref. Blk. No.	<b>N/A</b>	Calibration Remarks: (1) OD NEAR NOTCH. (2) OD FAR NOTCH.							
Mode	<b>P/E</b>			Reflector	<b>N/A</b>								
Damping	<b>500 OHMS</b>			Amplitude/Sweep	<b>N/A</b>								
		Size	<b>.50</b>										
		Frequency/Mode	<b>10 / L</b>										
		"A" Dimension	<b>N/A</b>										
		Nominal Angle	<b>0</b>										
		Measured Angle	<b>N/A</b>										
		Cable Type	<b>RG174</b>										
		Cable Length	<b>6'</b>										

Comp. Temp.: **64°** °F Configuration: **REACTOR VESSEL STUDS** Wo Location **N/A** Lo Location **N/A**

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"	
*																		

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

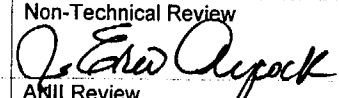

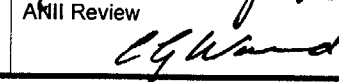
Total Length of Weld	Crown Width	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)										
N/A	N/A	5 (L)	N/A	2 (L)	N/A	7 & 8 (W)	N/A	5 - from	N/A	to	N/A	2 - from	N/A	to	N/A	From (5)	N/A	to	(2)	N/A
Primary Examiner		Level		Assistant Examiner				Level		Non-Technical Review				Date						
JOSEPH D. FUNYAK		II		N/A				N/A						3-25-00						
SNC NDE Level II/III Review		Date		Percentage of Code Coverage				Date		Date										
		3-27-00		100 %						3/27/00										

Figure 1

Revision 7

# SHARED

FNP-0-NDE-100.11

MT-F-Form 002

Farley Nuclear Plant

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S09</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M016</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> <hr/> Surface Temp. <b>72</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>		<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>
Component Configuration <b>REACTOR VESSEL STUDS</b>			% of Length Coverage <b>100%</b>	Date <b>3/23/00</b>
			% of Area Coverage <b>100%</b>	
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.	Remarks	
<b>N/A</b>	<b>NI</b>	<b>N/A</b>	<b>NONE</b>	

Remarks: **BLACKLIGHT CHECK 1313 & 1515 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>JSF</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>CK</i>	Non-Technical Review <i>J. Edwin Ayresch</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>Dan Carter L III</i> <b>3-27-00</b>			Date <b>3-27-00</b>	Percentage of Code Coverage <b>100</b> %	ANII Review <i>EGWand</i>		Date <b>3/27/00</b>

Figure 3

Revision 4

# SHARED

## FARLEY NUCLEAR PLANT Ultrasonic Calibration and Examination Record

FNP-0-NDE-100.39  
Southern Nuclear Operating Company

Unit <b>1</b>	Sketch/Component No. <b>ALA1-1300-S10</b>	Date <b>3/24/00</b>	Sheet No. <b>S00F1U179</b>	Page <b>1</b> of <b>1</b>
Procedure/Rev./TCN <b>FNP-0-NDE-100.39 / 3 / N/A</b>	Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>	Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L009</b>	

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>PANAMETRICS</b>	Transducer Mfg.	<b>PANAMETRICS</b>	Cal. Blk. No.	<b>ALA-36</b>								
Serial No.	<b>9210881</b>	Serial No.	<b>239864</b>	Thickness	<b>55 3/4</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Ax. dB		Circ. dB		Cal. Temp.	<b>62°</b>	(1) 7.6	50/80	6.22	N/A				
Ref.	<b>(1)</b>	<b>(2)</b>		Cal. In	<b>1320</b>	(2) 54.25	50/80	7.80	N/A				
Scan	<b>61</b>	<b>66</b>		Cal. Chk.	<b>N/A</b>								
Reject	<b>OFF</b>			Cal. Out	<b>1525</b>								
Frequency	<b>6.0</b>			Ref. Blk. No.	<b>N/A</b>								
Mode	<b>P/E</b>			Reflector	<b>N/A</b>								
Damping	<b>500 OHMS</b>			Amplitude/Sweep	<b>N/A</b>								
						Calibration Remarks: (1) OD NEAR NOTCH. (2) OD FAR NOTCH.							

Comp. Temp.: **64°** °F Configuration: **REACTOR VESSEL STUDS** Wo Location **N/A** Lo Location **N/A**

Scan Dir.	Results NI 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:
*				N/A				

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

Total Length of Weld	Crown Width	Total Length of Weld Examined		Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)			
N/A	N/A	5 (L) N/A	2 (L) N/A	7 & 8 (W) N/A	5 - from N/A	to N/A	2 - from N/A	to N/A	From (5) N/A	to (2) N/A	
Primary Examiner	Level		Assistant Examiner		Level		Non-Technical Review		Date		
<b>JOSEPH D. FUNYAK</b>	<b>II</b>		<b>N/A</b>		<b>N/A</b>		<i>[Signature]</i>		<b>3-25-00</b>		
SNC NDE Level II/III Review	Date		Percentage of Code Coverage		ANII Review				Date		
<i>[Signature]</i>	<b>3-27-00</b>		<b>100 %</b>		<i>[Signature]</i>				<b>3/27/00</b>		

Figure 1

Revision 7

# SHARED

FNP-0-NDE-100.11

Farley Nuclear Plant

MT-F-Form 002

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S10</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M017</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> <hr/> Surface Temp. <b>72</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>		<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>
Component Configuration <b>REACTOR VESSEL STUDS</b>			% of Length Coverage <b>100%</b>	Date <b>3/23/00</b>
			% of Area Coverage <b>100%</b>	
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.	Remarks	
<b>N/A</b>	<b>NI</b>	<b>N/A</b>	<b>NONE</b>	

Remarks: **BLACKLIGHT CHECK 1313 & 1515 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>JD</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>CK</i>	Non-Technical Review <i>[Signature]</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>[Signature]</i>			Date <b>3-27-00</b>	Percentage of Code Coverage <b>100</b> %	ANII Review <i>[Signature]</i>		Date <b>3/27/00</b>

Figure 3

Revision 4

# SHARED

**FARLEY NUCLEAR PLANT**  
**Ultrasonic Calibration and Examination Record**

**FNP-0-NDE-100.39**  
**Southern Nuclear Operating Company**

Unit <b>1</b>	Sketch/Component No. <b>ALA1-1300-S11</b>	Date <b>3/24/00</b>	Sheet No. <b>S00F1U180</b>
Procedure/Rev./TCN <b>FNP-0-NDE-100.39 / 3 / N/A</b>	Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>	Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L009</b>

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>PANAMETRICS</b>	Transducer Mfg.	<b>PANAMETRICS</b>	Cal. Blk. No.	<b>ALA-36</b>								
Serial No.	<b>92108811</b>	Serial No.	<b>239864</b>	Thickness	<b>55 3/4</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Ax. dB		Circ. dB		Cal. Temp.	<b>62°</b>	(1) 7.6	50/80	6.22	N/A				
Ref.	<b>(1)</b>	<b>(2)</b>		Cal. In	<b>1320</b>	(2) 54.25	50/80	7.80	N/A				
Scan	<b>61</b>	<b>66</b>		Cal. Chk.	<b>N/A</b>								
Reject	<b>OFF</b>			Cal. Out	<b>1525</b>								
Frequency	<b>6.0</b>			Ref. Blk. No.	<b>N/A</b>	Calibration Remarks: (1) OD NEAR NOTCH. (2) OD FAR NOTCH.							
Mode	<b>P/E</b>			Reflector	<b>N/A</b>								
Damping	<b>500 OHMS</b>			Amplitude/Sweep	<b>N/A</b>								
		Size	<b>.50</b>										
		Frequency/Mode	<b>10 / L</b>										
		"A" Dimension	<b>N/A</b>										
		Nominal Angle	<b>0</b>										
		Measured Angle	<b>N/A</b>										
		Cable Type	<b>RG174</b>										
		Cable Length	<b>6'</b>										

Comp. Temp.: **64°** °F Configuration: **REACTOR VESSEL STUDS** Wo Location **N/A** Lo Location **N/A**

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"	
*																		

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

Total Length of Weld	Crown Width	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)										
<b>N/A</b>	<b>N/A</b>	5 (L)	<b>N/A</b>	2 (L)	<b>N/A</b>	7 & 8 (W)	<b>N/A</b>	5 - from	<b>N/A</b>	to	<b>N/A</b>	2 - from	<b>N/A</b>	to	<b>N/A</b>	From (5)	<b>N/A</b>	to	(2)	<b>N/A</b>
Primary Examiner		Level		Assistant Examiner				Level		Non-Technical Review				Date						
<b>JOSEPH D. FUNYAK</b>		<b>II</b>		<b>N/A</b>				<b>N/A</b>		<i>J. Eric Dyck</i>				<b>3-25-00</b>						
SNC NDE Level II/III Review				Date		Percentage of Code Coverage				ANII Review				Date						
<i>Dan Carls</i>				<b>3-27-00</b>		<b>100 %</b>				<i>cy Ward</i>				<b>3/27/00</b>						

*Dan Carls*  
*6/1/2000*

**Figure 1**

**Revision 7**

# SHARED

FNP-0-NDE-100.11

MT-F-Form 002

Farley Nuclear Plant

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S11</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M018</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>65</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>		<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>
Component Configuration <b>REACTOR VESSEL STUDS</b>		% of Length Coverage <b>100%</b>	Date <b>3/24/00</b>	
% of Area Coverage <b>100%</b>				
Ind. No. <b>N/A</b>	Results <b>NI</b>	Indication Desc. / Exam Limitations / etc. <b>N/A</b>		Remarks <b>NONE</b>

Remarks: **BLACKLIGHT CHECK 0808 & 1008 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>JDF</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>CK</i>	Non-Technical Review <i>[Signature]</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>[Signature]</i>			Date <b>3-27-00</b>	Percentage of Code Coverage <b>100</b> %	ANII Review <i>[Signature]</i>		Date <b>3/27/00</b>

Figure 3

Revision 4

# SHARED

## FARLEY NUCLEAR PLANT Ultrasonic Calibration and Examination Record

FNP-0-NDE-100.39

Southern Nuclear Operating Company

Unit <b>1</b>	Sketch/Component No. <b>ALA1-1300-S12</b>	Date <b>3/24/00</b>	Sheet No. <b>S00F1U181</b>	Page <b>1</b> of <b>1</b>
Procedure/Rev./TCN <b>FNP-0-NDE-100.39 / 3 / N/A</b>	Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>	Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L009</b>	

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>PANAMETRICS</b>	Transducer Mfg.	<b>PANAMETRICS</b>	Cal. Blk. No.	<b>ALA-36</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	<b>9210881</b>	Serial No.	<b>239864</b>	Thickness	<b>55 3/4</b>	(1) 7.6	<b>50/80</b>	6.22	<b>N/A</b>				
Ax. dB		Size	<b>.50</b>	Cal. Temp.	<b>62°</b>	(2) 54.25	<b>50/80</b>	7.80	<b>N/A</b>				
Ref.	<b>(1)</b>	Frequency/Mode	<b>10 / L</b>	Cal. In	<b>1320</b>	Calibration Remarks: (1) OD NEAR NOTCH. (2) OD FAR NOTCH.							
Scan	<b>61</b>	"A" Dimension	<b>N/A</b>	Cal. Chk.	<b>N/A</b>								
Reject	<b>OFF</b>	Nominal Angle	<b>0</b>	Cal. Out	<b>1525</b>								
Frequency	<b>6.0</b>	Measured Angle	<b>N/A</b>	Ref. Blk. No.	<b>N/A</b>								
Mode	<b>P/E</b>	Cable Type	<b>RG174</b>	Reflector	<b>N/A</b>								
Damping	<b>500 OHMS</b>	Cable Length	<b>6'</b>	Amplitude/Sweep	<b>N/A</b>								

Comp. Temp.: **64°** °F Configuration: **REACTOR VESSEL STUDS** Wo Location **N/A** Lo Location **N/A**

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"	
*				N/A				

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

Total Length of Weld	Crown Width	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)										
<b>N/A</b>	<b>N/A</b>	5 (L)	<b>N/A</b>	2 (L)	<b>N/A</b>	7 & 8 (W)	<b>N/A</b>	5 - from	<b>N/A</b>	to	<b>N/A</b>	2 - from	<b>N/A</b>	to	<b>N/A</b>	From (5)	<b>N/A</b>	to	(2)	<b>N/A</b>
Primary Examiner		Level		Assistant Examiner		Level		Non-Technical Review		Date		Date		Date						
<b>JOSEPH D. FUNYAK</b>		<b>II</b>		<b>N/A</b>		<b>N/A</b>		<b>L. Eric Olyock</b>		<b>3-25-00</b>		<b>3-27-00</b>		<b>3/27/00</b>						
SNC NDE Level II/III Review		Date		Percentage of Code Coverage		Date		ANII Review		Date		Date		Date						
<b>Sam Cordeiro</b>		<b>3-27-00</b>		<b>100 %</b>		<b>3-27-00</b>		<b>lgward</b>		<b>3-27-00</b>		<b>3-27-00</b>		<b>3-27-00</b>						

Figure 1

Revision 7

# SHARED

FNP-0-NDE-100.11

MT-F-Form 002

Farley Nuclear Plant

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S12</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M019</b>	Page <u>1</u> of <u>1</u>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>65</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>	<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>	
Component Configuration <b>REACTOR VESSEL STUDS</b>		% of Length Coverage <b>100%</b>	Date <b>3/24/00</b>	
% of Area Coverage <b>100%</b>				
Ind. No. <b>N/A</b>	Results <b>NI</b>	Indication Desc. / Exam Limitations / etc. <b>N/A</b>		Remarks <b>NONE</b>

Remarks: **BLACKLIGHT CHECK 0808 & 1008 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>[Signature]</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>[Signature]</i>	Non-Technical Review <i>[Signature]</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>[Signature]</i>			Date <b>3-27-00</b>	Percentage of Code Coverage <b>100 %</b>	ANII Review <i>[Signature]</i>		Date <b>3/27/00</b>

Figure 3

Revision 4

# SHARED

## FARLEY NUCLEAR PLANT Ultrasonic Calibration and Examination Record

FNP-0-NDE-100.39

Southern Nuclear Operating Company

Unit <b>1</b>	Sketch/Component No. <b>ALA1-1300-S13</b>	Date <b>3/24/00</b>	Sheet No. <b>S00F1U182</b>	Page <b>1</b> of <b>1</b>
Procedure/Rev./TCN <b>FNP-0-NDE-100.39 / 3 / N/A</b>	Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>	Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L009</b>	

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>PANAMETRICS</b>	Transducer Mfg.	<b>PANAMETRICS</b>	Cal. Blk. No.	<b>ALA-36</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	<b>9210881I</b>	Serial No.	<b>239864</b>	Thickness	<b>55 3/4</b>	(1) 7.6	50/80	6.22	N/A				
Ax. dB		Circ. dB		Cal. Temp.	<b>62°</b>	(2) 54.25	50/80	7.80	N/A				
Ref.	<b>(1)</b>		<b>(2)</b>	Cal. In	<b>1320</b>	Calibration Remarks: (1) OD NEAR NOTCH. (2) OD FAR NOTCH.							
Scan	<b>61</b>		<b>66</b>	Cal. Chk.	<b>N/A</b>								
Reject	<b>OFF</b>			Cal. Out	<b>1525</b>								
Frequency	<b>6.0</b>			Ref. Blk. No.	<b>N/A</b>								
Mode	<b>P/E</b>			Reflector	<b>N/A</b>								
Damping	<b>500 OHMS</b>			Amplitude/Sweep	<b>N/A</b>								

Comp. Temp.: 64° °F Configuration: **REACTOR VESSEL STUDS** Wo Location **N/A** Lo Location **N/A**

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"	
*																		

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

Total Length of Weld	Crown Width	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)										
N/A	N/A	5 (L)	N/A	2 (L)	N/A	7 & 8 (W)	N/A	5 - from	N/A	to	N/A	2 - from	N/A	to	N/A	From (5)	N/A	to	(2)	N/A
Primary Examiner		Level		Assistant Examiner				Level		Non-Technical Review				Date						
JOSEPH D. FUNYAK		II		N/A				N/A		J. Eric Aycock				3-25-00						
SNC NDE Level II/III Review		Date		Percentage of Code Coverage				Ann Review				Date								
J. Carver		3-27-00		100 %				C. G. Wood				3/27/00								

Sample 1 of 11 6/1/2000

Figure 1

Revision 7

# SHARED

FNP-0-NDE-100.11

MT-F-Form 002

Farley Nuclear Plant

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S13</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M020</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> <hr/> Surface Temp. <b>65</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>		<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>
Component Configuration <b>REACTOR VESSEL STUDS</b>			% of Length Coverage <b>100%</b>	Date <b>3/24/00</b>
			% of Area Coverage <b>100%</b>	
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.	Remarks	
<b>N/A</b>	<b>NI</b>	<b>N/A</b>	<b>NONE</b>	

Remarks: **BLACKLIGHT CHECK 0808 & 1008 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>JOE</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>CK</i>	Non-Technical Review <i>J. Eric Reynolds</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>James Cordes</i> <b>III</b>			Date <b>3-27-00</b>	Percentage of Code Coverage <b>100</b> %	ANII Review <i>CGW</i>		Date <b>3/27/00</b>

Figure 3

Revision 4

# SHARED

## FARLEY NUCLEAR PLANT Ultrasonic Calibration and Examination Record

FNP-0-NDE-100.39  
Southern Nuclear Operating Company

Unit <b>1</b>	Sketch/Component No. <b>ALA1-1300-S14</b>	Date <b>3/24/00</b>	Sheet No. <b>S00F1U183</b>	Page <b>1</b> of <b>1</b>
Procedure/Rev./TCN <b>FNP-0-NDE-100.39 / 3 / N/A</b>	Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>	Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L009</b>	

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>PANAMETRICS</b>	Transducer Mfg.	<b>PANAMETRICS</b>	Cal. Blk. No.	<b>ALA-36</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	<b>9210881</b>	Serial No.	<b>239864</b>	Thickness	<b>55 3/4</b>	(1) 7.6	50/80	6.22	N/A				
Ax. dB		Size	<b>.50</b>	Cal. Temp.	<b>62°</b>	(2) 54.25	50/80	7.80	N/A				
Ref.	<b>(1)</b>	Frequency/Mode	<b>10 / L</b>	Cal. In	<b>1320</b>	Calibration Remarks: (1) OD NEAR NOTCH. (2) OD FAR NOTCH.							
Scan	<b>61</b>	"A" Dimension	<b>N/A</b>	Cal. Chk.	<b>N/A</b>								
Reject	<b>OFF</b>	Nominal Angle	<b>0</b>	Cal. Out	<b>1525</b>								
Frequency	<b>6.0</b>	Measured Angle	<b>N/A</b>	Ref. Blk. No.	<b>N/A</b>								
Mode	<b>P/E</b>	Cable Type	<b>RG174</b>	Reflector	<b>N/A</b>								
Damping	<b>500 OHMS</b>	Cable Length	<b>6'</b>	Amplitude/Sweep	<b>N/A</b>								

Comp. Temp.: **64°** °F Configuration: **REACTOR VESSEL STUDS** Wo Location **N/A** Lo Location **N/A**

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"	
*				N/A				

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

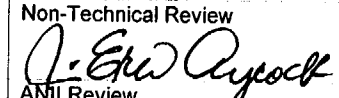
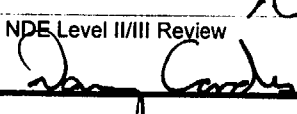
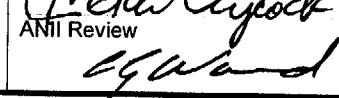
Total Length of Weld	Crown Width	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)										
N/A	N/A	5 (L)	N/A	2 (L)	N/A	7 & 8 (W)	N/A	5 - from	N/A	to	N/A	2 - from	N/A	to	N/A	From (5)	N/A	to	(2)	N/A
Primary Examiner		Level		Assistant Examiner				Level		Non-Technical Review				Date						
JOSEPH D. FUNYAK		II		N/A				N/A						3-25-00						
SNC NDE Level II/III Review		Date		Percentage of Code Coverage				Date		Date										
		3-27-00		100 %						3/27/00										

Figure 1

Revision 7

# SHARED

FNP-0-NDE-100.11

MT-F-Form 002

Farley Nuclear Plant

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S14</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M021</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> <hr/> Surface Temp. <b>65</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>		<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>
Component Configuration <b>REACTOR VESSEL STUDS</b>			% of Length Coverage <b>100%</b>	Date <b>3/24/00</b>
			% of Area Coverage <b>100%</b>	
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.	Remarks	
<b>N/A</b>	<b>NI</b>	<b>N/A</b>	<b>NONE</b>	

Remarks: **BLACKLIGHT CHECK 0808 & 1008 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>JOE</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>CK</i>	Non-Technical Review <i>J. Eric O'Connell</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>Dan Cordes L/III</i>			Date <b>3-27-00</b>	Percentage of Code Coverage <b>100</b> %	ANII Review <i>CFW</i>		Date <b>3/27/00</b>

Figure 3

Revision 4

# SHARED

## FARLEY NUCLEAR PLANT Ultrasonic Calibration and Examination Record

FNP-0-NDE-100.39

Southern Nuclear Operating Company

Unit <b>1</b>	Sketch/Component No. <b>ALA1-1300-S15</b>	Date <b>3/24/00</b>	Sheet No. <b>S00F1U184</b>	Page <b>1</b> of <b>1</b>
Procedure/Rev./TCN <b>FNP-0-NDE-100.39 / 3 / N/A</b>		Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>		Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>
		Linearity Sheet No. <b>S00F1L009</b>		

Instrument			Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>PANAMETRICS</b>		Transducer Mfg.	<b>PANAMETRICS</b>	Cal. Blk. No.	<b>ALA-36</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	<b>9210881</b>		Serial No.	<b>239864</b>	Thickness	<b>55 3/4</b>								
Ax. dB	Circ. dB	Size			Cal. Temp.	<b>62°</b>	(1) 7.6	50/80	6.22	N/A				
Ref.	<b>(1)</b>	<b>(2)</b>	Frequency/Mode	<b>10 / L</b>	Cal. In	<b>1320</b>	(2) 54.25	50/80	7.80	N/A				
Scan	<b>61</b>	<b>66</b>	"A" Dimension	<b>N/A</b>	Cal. Chk.	<b>N/A</b>	Calibration Remarks: (1) OD NEAR NOTCH. (2) OD FAR NOTCH.							
Reject	<b>OFF</b>		Nominal Angle	<b>0</b>	Cal. Out	<b>1525</b>								
Frequency	<b>6.0</b>		Measured Angle	<b>N/A</b>	Ref. Blk. No.	<b>N/A</b>								
Mode	<b>P/E</b>		Cable Type	<b>RG174</b>	Reflector	<b>N/A</b>								
Damping	<b>500 OHMS</b>		Cable Length	<b>6'</b>	Amplitude/Sweep	<b>N/A</b>								

Comp. Temp.: **64°** °F Configuration: **REACTOR VESSEL STUDS** Wo Location **N/A** Lo Location **N/A**

Scan Dir.	Results			Ind. No.	% DAC	L1	Length		Reference Measurement			Sweep Position			Thickness			Notes:
	NI	NRI	RI				Lmax	L2	W1	Wmax	W2	S1	Smax	S2	1" < --	C/L	-- > 1"	
*																		

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

Total Length of Weld	Crown Width	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)										
<b>N/A</b>	<b>N/A</b>	5 (L)	<b>N/A</b>	2 (L)	<b>N/A</b>	7 & 8 (W)	<b>N/A</b>	5 - from	<b>N/A</b>	to	<b>N/A</b>	2 - from	<b>N/A</b>	to	<b>N/A</b>	From (5)	<b>N/A</b>	to	(2)	<b>N/A</b>
Primary Examiner		Level		Assistant Examiner				Level		Non-Technical Review				Date						
<b>JOSEPH D. FUNYAK</b>		<b>II</b>		<b>N/A</b>				<b>N/A</b>		<b>J. Eric Depock</b>				<b>3-25-00</b>						
SNO NDE Level II/III Review		Date		Percentage of Code Coverage				Date		Date				Date						
<b>Samy Canda</b>		<b>3-27-00</b>		<b>100 %</b>				<b>3-27-00</b>		<b>14 March</b>				<b>3/27/00</b>						

Figure 1

Revision 7

# SHARED

FNP-0-NDE-100.11

MT-F-Form 002

Farley Nuclear Plant

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S15</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M022</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>65</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>		<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>
Component Configuration <b>REACTOR VESSEL STUDS</b>		% of Length Coverage <b>100%</b>	Date <b>3/24/00</b>	
% of Area Coverage <b>100%</b>				
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.		Remarks
<b>N/A</b>	<b>NI</b>	<b>N/A</b>		<b>NONE</b>

Remarks: **BLACKLIGHT CHECK 0808 & 1008 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>[Signature]</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>[Signature]</i>	Non-Technical Review <i>[Signature]</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>[Signature]</i> <b>L/III</b>		Date <b>3-27-00</b>	Percentage of Code Coverage <b>100</b> %	ANII Review <i>[Signature]</i>		Date <b>3/27/00</b>	

Figure 3

Revision 4

# SHARED

## FARLEY NUCLEAR PLANT Ultrasonic Calibration and Examination Record

FNP-0-NDE-100.39  
Southern Nuclear Operating Company

Unit <b>1</b>	Sketch/Component No. <b>ALA1-1300-S16</b>	Date <b>3/24/00</b>	Sheet No. <b>S00F1U185</b>	Page <b>1</b> of <b>1</b>
Procedure/Rev./TCN <b>FNP-0-NDE-100.39 / 3 / N/A</b>		Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>		
		Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L009</b>	

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>PANAMETRICS</b>	Transducer Mfg.	<b>PANAMETRICS</b>	Cal. Blk. No.	<b>ALA-36</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	<b>9210881</b>	Serial No.	<b>239864</b>	Thickness	<b>55 3/4</b>	(1) 7.6	50/80	6.22	N/A				
Ax. dB		Size	<b>.50</b>	Cal. Temp.	<b>62°</b>	(2) 54.25	50/80	7.80	N/A				
Ref.	<b>(1)</b>	Frequency/Mode	<b>10 / L</b>	Cal. In	<b>1320</b>	Calibration Remarks: (1) OD NEAR NOTCH. (2) OD FAR NOTCH.							
Scan	<b>61</b>	"A" Dimension	<b>N/A</b>	Cal. Chk.	<b>N/A</b>								
Reject	<b>OFF</b>	Nominal Angle	<b>0</b>	Cal. Out	<b>1525</b>								
Frequency	<b>6.0</b>	Measured Angle	<b>N/A</b>	Ref. Blk. No.	<b>N/A</b>								
Mode	<b>P/E</b>	Cable Type	<b>RG174</b>	Reflector	<b>N/A</b>								
Damping	<b>500 OHMS</b>	Cable Length	<b>6'</b>	Amplitude/Sweep	<b>N/A</b>								

Comp. Temp.: **64°** °F      Configuration: **REACTOR VESSEL STUDS**      Wo Location **N/A**      Lo Location **N/A**

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"	
*				N/A														

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

Total Length of Weld <b>N/A</b>	Crown Width <b>N/A</b>	Total Length of Weld Examined <b>5 (L) N/A 2 (L) N/A 7 &amp; 8 (W) N/A</b>				Extent of Perpendicular Scans (W) <b>5 - from N/A to N/A 2 - from N/A to N/A</b>				Extent of Parallel Scans (L) <b>From (5) N/A to (2) N/A</b>			
Primary Examiner <b>JOSEPH D. FUNYAK</b>		Level <b>II</b>	Assistant Examiner <b>N/A</b>				Level <b>N/A</b>	Non-Technical Review <i>[Signature]</i>				Date <b>3-25-00</b>	
SNC NDE Level II/III Review <i>[Signature]</i>		Date <b>3-27-00</b>	Percentage of Code Coverage <b>100 %</b>				AMT Review <i>[Signature]</i>				Date <b>3/32/00</b>		

Figure 1

Revision 7

# SHARED

Farley Nuclear Plant

FNP-0-NDE-100.11

## Magnetic Particle Examination Record

MT-F-Form 002

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S16</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M023</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>65</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>		<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>
Component Configuration <b>REACTOR VESSEL STUDS</b>		% of Length Coverage <b>100%</b>	Date <b>3/24/00</b>	
% of Area Coverage <b>100%</b>				
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.		Remarks
<b>N/A</b>	<b>NI</b>	<b>N/A</b>		<b>NONE</b>

Remarks: **BLACKLIGHT CHECK 0808 & 1008 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>JOE</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>CK</i>	Non-Technical Review <i>Eric Aycock</i>	Date <b>3-25-00</b>
SNC NDE Level II/III Review <i>Danny Cordes</i>		Date <b>3-27-00</b>	Percentage of Code Coverage <b>100</b> %	ANII Review <i>Clyde Kiehl</i>		Date <b>3/27/00</b>	

Figure 3

Revision 4

# SHARED

## FARLEY NUCLEAR PLANT Ultrasonic Calibration and Examination Record

**FNP-0-NDE-100.39**  
**Southern Nuclear Operating Company**

Unit <b>1</b>	Sketch/Component No. <b>ALA1-1300-S17</b>	Date <b>3/24/00</b>	Sheet No. <b>S00F1U186</b>
Procedure/Rev./TCN <b>FNP-0-NDE-100.39 / 3 / N/A</b>	Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>	Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L009</b>

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>PANAMETRICS</b>	Transducer Mfg.	<b>PANAMETRICS</b>	Cal. Blk. No.	<b>ALA-36</b>								
Serial No.	<b>9210881</b>	Serial No.	<b>239864</b>	Thickness	<b>55 3/4</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Ax. dB		Circ. dB		Cal. Temp.	<b>62°</b>	(1) 7.6	50/80	6.22	N/A				
Ref.	<b>(1)</b>	<b>(2)</b>		Cal. In	<b>1320</b>	(2) 54.25	50/80	7.80	N/A				
Scan	<b>61</b>	<b>66</b>		Cal. Chk.	<b>N/A</b>								
Reject	<b>OFF</b>			Cal. Out	<b>1525</b>								
Frequency	<b>6.0</b>			Ref. Blk. No.	<b>N/A</b>	Calibration Remarks: (1) OD NEAR NOTCH. (2) OD FAR NOTCH.							
Mode	<b>P/E</b>			Reflector	<b>N/A</b>								
Damping	<b>500 OHMS</b>			Amplitude/Sweep	<b>N/A</b>								

Comp. Temp.: <b>64°</b> °F		Configuration: <b>REACTOR VESSEL STUDS</b>		Wo Location <b>N/A</b>				Lo Location <b>N/A</b>			
Scan Dir.	Results NI NRI RI	Ind. No.	% DAC	L1	Length Lmax	L2	Reference Measurement W1 Wmax W2	S1	Sweep Position Smax S2	Thickness 1" < -- C/L -- > 1"	Notes:
*			<b>N/A</b>								

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

Total Length of Weld <b>N/A</b>	Crown Width <b>N/A</b>	Total Length of Weld Examined <b>5 (L) N/A 2 (L) N/A 7 &amp; 8 (W) N/A</b>				Extent of Perpendicular Scans (W) <b>5 - from N/A to N/A 2 - from N/A to N/A</b>				Extent of Parallel Scans (L) <b>From (5) N/A to (2) N/A</b>			
Primary Examiner <b>JOSEPH D. FUNYAK</b>		Level <b>II</b>	Assistant Examiner <b>N/A</b>				Level <b>N/A</b>	Non-Technical Review <i>J. Eric DeLoach</i>				Date <b>3-25-00</b>	
SNC NDE Level II/III Review <i>Dan Card</i>		Date <b>3-27-00</b>	Percentage of Code Coverage <b>100 %</b>				Date <b>3/27/00</b>						

Figure 1

Revision 7

# SHARED

FNP-0-NDE-100.11

Farley Nuclear Plant

MT-F-Form 002

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S17</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M024</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>65 ° F</b>		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>		<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>
Component Configuration <b>REACTOR VESSEL STUDS</b>		% of Length Coverage <b>100%</b>	Date <b>3/24/00</b>	
% of Area Coverage <b>100%</b>				
Ind. No. <b>N/A</b>	Results <b>NI</b>	Indication Desc. / Exam Limitations / etc. <b>N/A</b>		Remarks <b>NONE</b>

Remarks: **BLACKLIGHT CHECK 0808 & 1008 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>[Signature]</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>[Signature]</i>	Non-Technical Review <i>[Signature]</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>[Signature]</i> <b>L/III</b>		Date <b>3-27-00</b>	Percentage of Code Coverage <b>100 %</b>	ANII Review <i>[Signature]</i>		Date <b>3/27/00</b>	

Figure 3

Revision 4

**FARLEY NUCLEAR PLANT**  
**Ultrasonic Calibration and Examination Record**

**SHARED**

**FNP-0-NDE-100.39**  
**Southern Nuclear Operating Company**

Unit **1** Sketch/Component No. **ALA1-1300-S18** Date **3/24/00** Sheet No. **S00F1U187** Page **1** of **1**  
 Procedure/Rev./TCN **FNP-0-NDE-100.39 / 3 / N/A** Couplant/Batch No. **SONOTRACE 40 / 94243** Thermometer SN/Cal Due Date **38081 / 8/27/2000** Linearity Sheet No. **S00F1L009**

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>PANAMETRICS</b>	Transducer Mfg.	<b>PANAMETRICS</b>	Cal. Blk. No.	<b>ALA-36</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	<b>92108811</b>	Serial No.	<b>239864</b>	Thickness	<b>55 3/4</b>								
Ax. dB		Circ. dB		Cal. Temp.	<b>62°</b>	(1) 7.6	50/80	6.22	N/A				
Ref.	<b>(1)</b>	<b>(2)</b>	Size	<b>.50</b>	Cal. In	<b>1320</b>	(2) 54.25	50/80	7.80	N/A			
Scan	<b>61</b>	<b>66</b>	Frequency/Mode	<b>10 / L</b>	Cal. Chk.	<b>N/A</b>							
Reject	<b>OFF</b>		"A" Dimension	<b>N/A</b>	Cal. Out	<b>1525</b>							
Frequency	<b>6.0</b>		Nominal Angle	<b>0</b>	Cal. Blk. No.	<b>N/A</b>	Calibration Remarks: (1) OD NEAR NOTCH. (2) OD FAR NOTCH.						
Mode	<b>P/E</b>		Measured Angle	<b>N/A</b>	Reflector	<b>N/A</b>							
Damping	<b>500 OHMS</b>		Cable Type	<b>RG174</b>	Amplitude/Sweep	<b>N/A</b>							
			Cable Length	<b>6'</b>									

Comp. Temp.: **64°** °F Configuration: **REACTOR VESSEL STUDS** Wo Location **N/A** Lo Location **N/A**

Scan Dir.	Results NI 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:
*								

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

Total Length of Weld	Crown Width	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)										
<b>N/A</b>	<b>N/A</b>	5 (L)	<b>N/A</b>	2 (L)	<b>N/A</b>	7 & 8 (W)	<b>N/A</b>	5 - from	<b>N/A</b>	to	<b>N/A</b>	2 - from	<b>N/A</b>	to	<b>N/A</b>	From (5)	<b>N/A</b>	to	(2)	<b>N/A</b>
Primary Examiner		Level		Assistant Examiner		Level		Non-Technical Review		Date		Date		Date		Date		Date		
<b>JOSEPH D. FUNYAK</b>		<b>II</b>		<b>N/A</b>		<b>N/A</b>		<b>JOSEPH D. FUNYAK</b>		<b>3-25-00</b>		<b>3-27-00</b>		<b>3-27-00</b>		<b>3-27-00</b>		<b>3-27-00</b>		
SNO NDE Level II/III Review		Date		Percentage of Code Coverage		Date		Date		Date		Date		Date		Date		Date		
<b>3-27-00</b>		<b>3-27-00</b>		<b>100</b> %		<b>3-27-00</b>		<b>3-27-00</b>		<b>3-27-00</b>		<b>3-27-00</b>		<b>3-27-00</b>		<b>3-27-00</b>		<b>3-27-00</b>		

**Figure 1**

**Revision 7**

# SHARED

FNP-0-NDE-100.11

MT-F-Form 002

Farley Nuclear Plant

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S18</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M025</b>	Page <u>1</u> of <u>1</u>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> <hr/> Surface Temp. <b>65</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>		<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>
Component Configuration <b>REACTOR VESSEL STUDS</b>			% of Length Coverage <b>100%</b>	Date <b>3/24/00</b>
			% of Area Coverage <b>100%</b>	
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.	Remarks	
<b>N/A</b>	<b>NI</b>	<b>N/A</b>	<b>NONE</b>	

Remarks: **BLACKLIGHT CHECK 0808 & 1008 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>JD</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>ck</i>	Non-Technical Review <i>J. Eric Ryback</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>Dan Corda L III</i>			Date <b>3-27-00</b>	Percentage of Code Coverage <b>100</b> %	ANII Review <i>cgk</i>		Date <b>3/27/00</b>

Figure 3

Revision 4

# SHARED

## FARLEY NUCLEAR PLANT Ultrasonic Calibration and Examination Record

**FNP-0-NDE-100.39**  
**Southern Nuclear Operating Company**

Unit <b>1</b>	Sketch/Component No. <b>ALA1-1300-S19</b>	Date <b>3/24/00</b>	Sheet No. <b>S00F1U188</b>
Procedure/Rev./TCN <b>FNP-0-NDE-100.39 / 3 / N/A</b>	Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>	Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L009</b>

Page **1** of **1**

Instrument			Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>PANAMETRICS</b>		Transducer Mfg.	<b>PANAMETRICS</b>	Cal. Blk. No.	<b>ALA-36</b>								
Serial No.	<b>9210881</b>		Serial No.	<b>239864</b>	Thickness	<b>55 3/4</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Ax. dB	<b>(1)</b>	Circ. dB	<b>(2)</b>	Size	<b>.50</b>	Cal. Temp.	<b>62°</b>	<b>(1) 7.6</b>	<b>50/80</b>	<b>6.22</b>	<b>N/A</b>			
Ref.			Frequency/Mode	<b>10 / L</b>	Cal. In	<b>1320</b>	<b>(2) 54.25</b>	<b>50/80</b>	<b>7.80</b>	<b>N/A</b>				
Scan	<b>61</b>	<b>66</b>	"A" Dimension	<b>N/A</b>	Cal. Chk.	<b>N/A</b>								
Reject	<b>OFF</b>		Nominal Angle	<b>0</b>	Cal. Out	<b>1525</b>								
Frequency	<b>6.0</b>		Measured Angle	<b>N/A</b>	Ref. Blk. No.	<b>N/A</b>								
Mode	<b>P/E</b>		Cable Type	<b>RG174</b>	Reflector	<b>N/A</b>								
Damping	<b>500 OHMS</b>		Cable Length	<b>6'</b>	Amplitude/Sweep	<b>N/A</b>								

Calibration Remarks:  
 (1) OD NEAR NOTCH.  
 (2) OD FAR NOTCH.

Comp. Temp.: **64°** °F      Configuration: **REACTOR VESSEL STUDS**      Wo Location **N/A**      Lo Location **N/A**

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"	
*				N/A														

Examination/Limitation Remarks: \* EXAMINATION PERFORMED FROM TOP AND BOTTOM OF STUDS TO ACHIEVE 100% COVERAGE DUE TO HEAD CONFIGURATION/LIMITATION.

Total Length of Weld	Crown Width	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)										
N/A	N/A	5 (L)	N/A	2 (L)	N/A	7 & 8 (W)	N/A	5 - from	N/A	to	N/A	2 - from	N/A	to	N/A	From (5)	N/A	to	(2)	N/A
Primary Examiner		Assistant Examiner				Level		Non-Technical Review		Date		Level		ANII Review		Date				
JOSEPH D. FUNYAK		N/A				II		J. Eric Apock		3-25-00		N/A		C. G. Ward		3/27/00				
SNC NDE Level II/III Review				Date		Percentage of Code Coverage														
[Signature]				3-27-00		100 %														

Figure 1

Revision 7

# SHARED

FNP-0-NDE-100.11

MT-F-Form 002

Farley Nuclear Plant

## Magnetic Particle Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component No. <b>ALA1-1300-S19</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.11 / 4 / N/A</b>	Sheet No. <b>S00F1M026</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg./Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>65</b> ° F		<u>Magnetizing Yoke</u> Mfg.: <b>MAGNAFLUX</b> Power <b>AC</b> Serial No: <b>A999048</b> Pole Spacing: <b>6"</b> Field Indicator S/N: <b>0007</b> Field Indicator Acceptable [Y/N] <b>N/A</b>		<u>MT Materials</u> Mfg.: <b>MAGNAFLUX</b> Batch Number: <b>96F02K</b> Color: <b>14AM</b> Type: <b>N/A</b>
Component Configuration <b>REACTOR VESSEL STUDS</b>		% of Length Coverage <b>100%</b>	Date <b>3/24/00</b>	
% of Area Coverage <b>100%</b>				
Ind. No. <b>N/A</b>	Results <b>NI</b>	Indication Desc. / Exam Limitations / etc. <b>N/A</b>		Remarks <b>NONE</b>

Remarks: **BLACKLIGHT CHECK 0808 & 1008 / COIL SN-92627 / LIGHT METER SN 32623 / BLACK LIGHT INTENSITY > 800uW/cm2  
FIELD INDICATOR VERIFIED FOR COIL.**

Primary Examiner <b>JOSEPH D. FUNYAK</b>	ASNT Level <b>II</b>	Initials <i>JSF</i>	Assistant Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>CK</i>	Non-Technical Review <i>J. Eric Dyck</i>	Date <b>3-27-00</b>
SNC NDE Level II/III Review <i>Dan Cordes LHC</i>			Date <b>3-27-00</b>	Percentage of Code Coverage <b>100</b> %	ANII Review <i>CGW</i>		Date <b>3/27/00</b>

Figure 3

Revision 4

# SHARED

**FARLEY NUCLEAR PLANT**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**FN-P-0-NDE-100.21**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N01</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V026</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment <input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV		Tools <input checked="" type="radio"/> Scale <input type="radio"/> Depth Gauge <input type="radio"/> Level <input type="radio"/> Micrometer <input type="radio"/> Comparator <input type="radio"/> Caliper <input type="radio"/> Weld Gauge	
		WOWA <b>N/A</b> Procedure No. <b>FN-P-0-NDE-100.21</b> Revision No. <b>1</b> Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>[Signature]</i> Examiner/Initial <b>N/A</b> Sig. _____ Date (Month/Day/Year) <b>3/16/00</b>	
		Level <b>II</b> Level <b>N/A</b>	

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

	Sat	Un-Sat	N/A
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

\*\* Provide details on other areas examined.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

	Sat	Un-Sat	N/A
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comments

*[Signature]* L/III 3-17-00

ANR REVIEW: *[Signature]* 3/15/00

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**FNP-0-NDE-100.21**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N02</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V027</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment <input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV		Tools <input checked="" type="radio"/> Scale <input type="radio"/> Depth Gauge <input type="radio"/> Level <input type="radio"/> Micrometer <input type="radio"/> Comparator <input type="radio"/> Caliper <input type="radio"/> Weld Gauge	
Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight		WO/WA <b>N/A</b> Procedure No. <b>FNP-0-NDE-100.21</b> Revision No. <b>1</b>	
Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>JD Funyak</i>		Level <b>II</b>	
Examiner/Initial <b>N/A</b> Sig.		Level <b>N/A</b>	
Date (Month/Day/Year) <b>3/16/00</b>			

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

\*\* Provide details on other areas examined.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comments

*Danny Cordes L/III 3-17-00*

*ANTI REVIEW: CG Ward 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**FNP-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N03</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V028</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video WOWA <b>N/A</b> Procedure No. <b>FNP-0-NDE-100.21</b> Revision No. <b>1</b>
Equipment <input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	Tools <input checked="" type="radio"/> Scale <input type="radio"/> Depth Gauge <input type="radio"/> Level <input type="radio"/> Micrometer <input type="radio"/> Comparator <input type="radio"/> Caliper <input type="radio"/> Weld Gauge	Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>JD Funyak</i> Examiner/Initial <b>N/A</b> Sig. _____ Date (Month/Day/Year) <b>3/16/00</b>

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

	Sat	Un-Sat	N/A
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

\*\* Provide details on other areas examined.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

	Sat	Un-Sat	N/A
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Comments

*Danny Cordes L111 3-17-00*

*AND REVIEW: CG Ward 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**FNP-0-NDE-100.21**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N04</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V029</b>
Photos Yes <input type="checkbox"/> B/W No <input checked="" type="checkbox"/> Color	Sketch Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	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"/> Remote      Video
Equipment		Tools	
<input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	Lighting Ambient <input type="checkbox"/> <input checked="" type="checkbox"/> Flashlight Droplight <input type="checkbox"/>	<input checked="" type="checkbox"/> Scale <input type="checkbox"/> Micrometer <input type="checkbox"/> Caliper	<input type="checkbox"/> Depth Gauge <input type="checkbox"/> Comparator <input type="checkbox"/> Weld Gauge Level _____
		WO/WA <b>N/A</b> Procedure No. <b>FNP-0-NDE-100.21</b> Revision No. <b>1</b>	
		Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>Joe Funyak</i>	Level <b>II</b>
		Examiner/Initial <b>N/A</b> Sig. _____	Level <b>N/A</b>
		Date (Month/Day/Year) <b>3/16/00</b>	

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

Sat	Un-Sat	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input 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.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

Sat	Un-Sat	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments

*Danny Cordis LIII 3-17-00*

*ANII REVIEW: C. Ward 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**FNP-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N05</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V030</b>
Photos Yes <input type="checkbox"/> B/W No <input checked="" type="checkbox"/> Color	Sketch Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	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"/> Remote <input type="checkbox"/> Video
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV		Lighting Ambient <input type="checkbox"/> Flashlight <input checked="" type="checkbox"/> Droplight <input type="checkbox"/>	
Tools <input checked="" type="checkbox"/> Scale <input type="checkbox"/> Micrometer <input type="checkbox"/> Caliper		Level <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Comparator <input type="checkbox"/> Weld Gauge	
Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>J.D. Funyak</i>		Level <b>II</b>	
Examiner/Initial <b>N/A</b> Sig. _____		Level <b>N/A</b>	
Date (Month/Day/Year) <b>3/16/00</b>			

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
 Undercut  
 Corrosion Build-Up  
 Gouges  
 Evidence of Leakage  
 Arc Strikes  
 Cracks  
 Other\*\*

Sat	Un-Sat	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input 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.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
 Cracks  
 Corrosion  
 Gouges  
 Thread Damage  
 Deformation  
 Protective Coating  
 Evidence of Leakage  
 Other \*\*

Sat	Un-Sat	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments

*Long Cards L/III 3-17-00*

*ANII REVIEW: CGW 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**FNP-0-NDE-100.21**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>		Line Number/Examination Area/Weld No. <b>ALA1-1300-N06</b>		Drawing Number <b>ALA1-1300</b>		Sheet No. <b>S00F1V031</b>		
Photos Yes <input type="checkbox"/> B/W No <input checked="" type="checkbox"/> Color		Sketch Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Resolution 1/32" Division (Scale) <input type="checkbox"/> 1/32" Line (Gray Card) <input checked="" type="checkbox"/>	Technique Direct <input checked="" type="radio"/> Remote <input type="radio"/> Video <input type="radio"/>		WO/WA <b>N/A</b>		
						Procedure No. <b>FNP-0-NDE-100.21</b>		
						Revision No. <b>1</b>		
Equipment Mirror <input checked="" type="checkbox"/> Magnifier <input type="checkbox"/> CCTV <input type="checkbox"/>		Lighting Ambient <input type="checkbox"/> Flashlight <input checked="" type="checkbox"/> Droplight <input type="checkbox"/>	Tools Scale <input checked="" type="checkbox"/> Micrometer <input type="checkbox"/> Caliper <input type="checkbox"/>		Depth Gauge <input type="checkbox"/> Comparator <input type="checkbox"/> Weld Gauge <input type="checkbox"/>	Level <input type="checkbox"/>	Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>JD Funyak</i>	Level <b>II</b>
						Examiner/Initial <b>N/A</b> Sig. _____		Level <b>N/A</b>
						Date (Month/Day/Year) <b>3/16/00</b>		

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

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

\*\* Provide details on other areas examined.

Comments

*Dan Cordis LITE 3-17-00*

*AND REVIEW: Cgk and 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**FNP-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N07</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V032</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment		Tools	
<input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	<input checked="" type="radio"/> Scale <input type="radio"/> Micrometer <input type="radio"/> Caliper <input type="radio"/> Depth Gauge <input type="radio"/> Comparator <input type="radio"/> Weld Gauge	Level _____ _____
Examiner/Initial <b>JOSEPH D. FUNYAK</b>		Level	
Sig. <i>JD Funyak</i>		II	
Examiner/Initial <b>N/A</b>		Level	
Sig. _____		N/A	
Date (Month/Day/Year)			
<b>3/16/00</b>			

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

	Sat	Un-Sat	N/A
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

\*\* Provide details on other areas examined.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

	Sat	Un-Sat	N/A
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Comments

*Dan Cardo LTH 3-17-00*

*ANTI REVIEW: CFWand 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**FNPF-0-NDE-100.21**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N08</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V033</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment		Tools	
<input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	<input checked="" type="radio"/> Scale <input type="radio"/> Micrometer <input type="radio"/> Caliper	<input type="radio"/> Depth Gauge <input type="radio"/> Comparator <input type="radio"/> Weld Gauge <input type="radio"/> Level
		WO/WA <b>N/A</b>	
		Procedure No. <b>FNPF-0-NDE-100.21</b>	
		Revision No. <b>1</b>	
		Examiner/Initial Sig. <i>JD Funyak</i>	Level <b>II</b>
		Examiner/Initial <b>N/A</b> Sig.	Level <b>N/A</b>
		Date (Month/Day/Year) <b>3/16/00</b>	

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

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

\*\* Provide details on other areas examined.

Comments

*Dan Cardo LIII 3-17-00*

*ANTI REVIEW: C. G. Ward 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**FNP-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N09</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V034</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment		Tools	
<input checked="" type="radio"/> Mirror  <input type="radio"/> Magnifier  <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	<input checked="" type="radio"/> Scale <input type="radio"/> Micrometer <input type="radio"/> Caliper	<input type="radio"/> Depth Gauge <input type="radio"/> Comparator <input type="radio"/> Weld Gauge <input type="radio"/> Level
		WO/WA <b>N/A</b> Procedure No. <b>FNP-0-NDE-100.21</b> Revision No. <b>1</b>	
		Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>JDF</i> Examiner/Initial <b>N/A</b> Sig. _____ Date (Month/Day/Year) <b>3/16/00</b>	
		Level <b>II</b> Level <b>N/A</b>	

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

\*\* Provide details on other areas examined.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Comments

*Dan Cordes L/T 3-17-00*

*ANTI REVISION: CGW and 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

FARLEY NUCLEAR PLANT

FNP-0-NDE-100.21

VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N10</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V035</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment		Tools	
<input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	<input checked="" type="radio"/> Scale <input type="radio"/> Micrometer <input type="radio"/> Caliper <input type="radio"/> Depth Gauge <input type="radio"/> Comparator <input type="radio"/> Weld Gauge <input type="radio"/> Level	WO/WA <b>N/A</b> Procedure No. <b>FNP-0-NDE-100.21</b> Revision No. <b>1</b>
		Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>[Signature]</i>	Level <b>II</b>
		Examiner/Initial <b>N/A</b> Sig. _____	Level <b>N/A</b>
		Date (Month/Day/Year) <b>3/16/00</b>	

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

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

\*\* Provide details on other areas examined.

Comments

*Don Corda L/TU 3-17-00*

*ANTI REVIEW: C. W. 3/18/00*

Figure 1

Revision 1

# SHARED

**FARLEY NUCLEAR PLANT**

**FNP-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N11</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V036</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Video <input type="radio"/> Remote
Equipment <input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV		Tools <input checked="" type="radio"/> Scale <input type="radio"/> Depth Gauge <input type="radio"/> Level <input type="radio"/> Micrometer <input type="radio"/> Comparator <input type="radio"/> Caliper <input type="radio"/> Weld Gauge	
		WOWA <b>N/A</b>	
		Procedure No. <b>FNP-0-NDE-100.21</b>	
		Revision No. <b>1</b>	
		Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>JD Funyak</i>	Level <b>II</b>
		Examiner/Initial <b>N/A</b> Sig.	Level <b>N/A</b>
		Date (Month/Day/Year) <b>3/16/00</b>	

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

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

\*\* Provide details on other areas examined.

Comments

*Danny Cordes LHA 3-17-00*

*AWI review: C. Ward 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**FN-P-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N12</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V037</b>
Photos <input type="radio"/> Yes B/W <input checked="" type="radio"/> No Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment		Tools	
<input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	<input checked="" type="radio"/> Scale <input type="radio"/> Micrometer <input type="radio"/> Caliper <input type="radio"/> Depth Gauge <input type="radio"/> Comparator <input type="radio"/> Weld Gauge <input type="radio"/> Level	WO/WA <b>N/A</b> Procedure No. <b>FN-P-0-NDE-100.21</b> Revision No. <b>1</b>
		Examiner/Initial Sig. <i>J.D. Funyak</i>	Level <b>II</b>
		Examiner/Initial <b>N/A</b> Sig.	Level <b>N/A</b>
		Date (Month/Day/Year) <b>3/16/00</b>	

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

\*\* Provide details on other areas examined.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comments

*Jay Cardo LTR 3-17-00*

*ANTI REVIEW: C.G. Ward 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**FN-P-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N13</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V038</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment		Tools	
<input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	<input checked="" type="radio"/> Scale <input type="radio"/> Micrometer <input type="radio"/> Caliper	<input type="radio"/> Depth Gauge <input type="radio"/> Comparator <input type="radio"/> Weld Gauge Level _____
		WOWA <b>N/A</b> Procedure No. <b>FN-P-0-NDE-100.21</b> Revision No. <b>1</b>	
		Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>JD Funyak</i>	Level <b>II</b>
		Examiner/Initial <b>N/A</b> Sig. _____	Level <b>N/A</b>
		Date (Month/Day/Year) <b>3/16/00</b>	

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

	Sat	Un-Sat	N/A
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

\*\* Provide details on other areas examined.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

	Sat	Un-Sat	N/A
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Comments

*Dan Corda L/TTC 3-17-00*

*ANTI REVIEW: CG Ward 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**FN-P-0-NDE-100.21**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N14</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V039</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video WOWA <b>N/A</b> Procedure No. <b>FN-P-0-NDE-100.21</b> Revision No. <b>1</b>
Equipment <input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	Tools <input checked="" type="radio"/> Scale <input type="radio"/> Depth Gauge <input type="radio"/> Level <input type="radio"/> Micrometer <input type="radio"/> Comparator <input type="radio"/> Caliper <input type="radio"/> Weld Gauge	Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>JD Funyak</i> Examiner/Initial <b>N/A</b> Sig. _____ Date (Month/Day/Year) <b>3/16/00</b>
		Level <b>II</b> Level <b>N/A</b>	

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

Comments

*Danny Cordo LTR 3-17-00*

*AND REVIEW: LGW 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**FN-0-NDE-100.21**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N15</b>		Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V040</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video	WO/WA <b>N/A</b>
				Procedure No. <b>FN-0-NDE-100.21</b>
				Revision No. <b>1</b>
Equipment <input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	Tools <input checked="" type="radio"/> Scale <input type="radio"/> Depth Gauge <input type="radio"/> Level <input type="radio"/> Micrometer <input type="radio"/> Comparator <input type="radio"/> Caliper <input type="radio"/> Weld Gauge		Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>J D Funyak</i> Examiner/Initial <b>N/A</b> Sig. _____ Date (Month/Day/Year) <b>3/16/00</b>
				Level <b>II</b> Level <b>N/A</b>

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

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

\*\* Provide details on other areas examined.

Comments

*Donny Cordas L III 3-17-00*

*ANTI REVIEW: CG Ward 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**FNP-0-NDE-100.21**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N16</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V041</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment		Tools	
<input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	<input checked="" type="radio"/> Scale <input type="radio"/> Micrometer <input type="radio"/> Caliper	<input type="radio"/> Depth Gauge <input type="radio"/> Comparator <input type="radio"/> Weld Gauge <input type="radio"/> Level
		WO/WA <b>N/A</b> Procedure No. <b>FNP-0-NDE-100.21</b> Revision No. <b>1</b>	
		Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>JD Funyak</i> Examiner/Initial <b>N/A</b> Sig. <b>N/A</b> Date (Month/Day/Year) <b>3/16/00</b>	
		Level <b>II</b> Level <b>N/A</b>	

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

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

\*\* Provide details on other areas examined.

Comments

*Don Cards LTR 3-17-00*

*ANTI REVIEW: Cg Wm 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**FNP-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N17</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V042</b>
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"/> Remote    Video
Equipment		WO/WA <b>N/A</b>	
Lighting		Procedure No. <b>FNP-0-NDE-100.21</b>	
Tools		Revision No. <b>1</b>	
<input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	<input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	<input checked="" type="checkbox"/> Scale <input type="checkbox"/> Micrometer <input type="checkbox"/> Caliper <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Comparator <input type="checkbox"/> Weld Gauge Level _____	Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>JD Funyak</i> Examiner/Initial <b>N/A</b> Sig. _____ Date (Month/Day/Year) <b>3/16/00</b>
		Level <b>II</b>	
		Level <b>N/A</b>	

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

Sat	Un-Sat	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input 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.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

Sat	Un-Sat	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments

*Ray Corda L/TU 3-17-00*

*ANTI REVIEW: CgWard 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**FNP-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N18</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V043</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment		Tools	
<input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	<input checked="" type="radio"/> Scale <input type="radio"/> Micrometer <input type="radio"/> Caliper	<input type="radio"/> Depth Gauge <input type="radio"/> Comparator <input type="radio"/> Weld Gauge <input type="radio"/> Level
		WO/WA <b>N/A</b> Procedure No. <b>FNP-0-NDE-100.21</b> Revision No. <b>1</b>	
		Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>JD Funyak</i>	Level <b>II</b>
		Examiner/Initial <b>N/A</b> Sig.	Level <b>N/A</b>
		Date (Month/Day/Year) <b>3/16/00</b>	

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

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

\*\* Provide details on other areas examined.

Comments

*Danny Cordes LTR 3-17-00*

*ANES REVIEW: C. G. Ward 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**FNP-0-NDE-100.21**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-N19</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V044</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment		Tools	
<input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	<input checked="" type="radio"/> Scale <input type="radio"/> Micrometer <input type="radio"/> Caliper	<input type="radio"/> Depth Gauge <input type="radio"/> Comparator <input type="radio"/> Weld Gauge Level _____
		Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>[Signature]</i> Examiner/Initial <b>N/A</b> Sig. _____ Date (Month/Day/Year) <b>3/16/00</b>	
		Level <b>II</b> Level <b>N/A</b>	

	Sat	Un-Sat	N/A		Sat	Un-Sat	N/A
<input type="radio"/> <b>WELDS &amp; BASE MATERIAL VT-1</b>				<input checked="" type="radio"/> <b>BOLTS, STUDS, AND WASHERS VT-1</b>			
Ground Blend Material	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Loose Members	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Undercut	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Cracks	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Corrosion Build-Up	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Corrosion	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gouges	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Gouges	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Evidence of Leakage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Thread Damage	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Arc Strikes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Deformation	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Cracks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Protective Coating	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Other**	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Evidence of Leakage	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
				Other **	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

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

\*\* Provide details on other areas examined.

Comments

*Lang Corda L/III 3-17-00*

*ANTI REVIEW: C. G. Ward 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**FNP-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W01</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V045</b>
Photos <input type="radio"/> Yes B/W <input checked="" type="radio"/> No Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment		Tools	
<input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	<input checked="" type="radio"/> Scale <input type="radio"/> Micrometer <input type="radio"/> Caliper	<input type="radio"/> Depth Gauge <input type="radio"/> Comparator <input type="radio"/> Weld Gauge <input type="radio"/> Level
		WO/WA <b>N/A</b> Procedure No. <b>FNP-0-NDE-100.21</b> Revision No. <b>1</b>	
		Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>J.D. Funyak</i>	Level <b>II</b>
		Examiner/Initial <b>N/A</b> Sig.	Level <b>N/A</b>
		Date (Month/Day/Year) <b>3/16/00</b>	

	Sat	Un-Sat	N/A		Sat	Un-Sat	N/A
<input type="radio"/> <b>WELDS &amp; BASE MATERIAL VT-1</b>				<input checked="" type="radio"/> <b>BOLTS, STUDS, AND WASHERS VT-1</b>			
Ground Blend Material	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Loose Members	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Undercut	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Cracks	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Corrosion Build-Up	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Corrosion	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gouges	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Gouges	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Evidence of Leakage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Thread Damage	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Arc Strikes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Deformation	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Cracks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Protective Coating	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Other**	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Evidence of Leakage	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
				Other **	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

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

\*\* Provide details on other areas examined.

Comments

*SNC Review:*

*J. Eric Rysock L-01 3-17-00*

*ANTI REVIEW: Cg/la 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**FNPF-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W02</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V046</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment		Tools	
<input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	<input checked="" type="radio"/> Scale <input type="radio"/> Micrometer <input type="radio"/> Caliper <input type="radio"/> Depth Gauge <input type="radio"/> Comparator <input type="radio"/> Weld Gauge	WO/WA <b>N/A</b> Procedure No. <b>FNPF-0-NDE-100.21</b> Revision No. <b>1</b> Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>J. D. Funyak</i> Examiner/Initial <b>N/A</b> Sig. Date (Month/Day/Year) <b>3/16/00</b>
		Level <b>II</b> Level <b>N/A</b>	

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

\*\* Provide details on other areas examined.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comments

*SNC Review - J. Eric Repack J-III 3-17-00*

*ANTI REVIEW: C. G. Ward 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**FN-0-NDE-100.21**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W03</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V047</b>
Photos <input type="radio"/> Yes B/W <input checked="" type="radio"/> No Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment		Tools	
<input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	<input checked="" type="radio"/> Scale <input type="radio"/> Micrometer <input type="radio"/> Caliper	<input type="radio"/> Depth Gauge <input type="radio"/> Comparator <input type="radio"/> Weld Gauge Level _____
		WO/WA <b>N/A</b> Procedure No. <b>FN-0-NDE-100.21</b> Revision No. <b>1</b> Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>JD Funyak</i> Examiner/Initial <b>N/A</b> Sig. _____ Date (Month/Day/Year) <b>3/16/00</b>	
		Level <b>II</b> Level <b>N/A</b>	

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

\*\* Provide details on other areas examined.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comments

*SNC Review - J. Eric O'Leary L-III 3-17-00*

*ANTI REVIEW: C. G. Hand 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**FNP-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W04</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V048</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment <input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV		Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	Tools <input checked="" type="radio"/> Scale <input type="radio"/> Depth Gauge <input type="radio"/> Level <input type="radio"/> Micrometer <input type="radio"/> Comparator <input type="radio"/> Caliper <input type="radio"/> Weld Gauge
		WO/WA <b>N/A</b>	Procedure No. <b>FNP-0-NDE-100.21</b>
		Revision No. <b>1</b>	
		Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>JD Funyak</i>	Level <b>II</b>
		Examiner/Initial <b>N/A</b> Sig.	Level <b>N/A</b>
		Date (Month/Day/Year) <b>3/16/00</b>	

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

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

\*\* Provide details on other areas examined.

Comments

*SNC Review - J. E. O'Connell 3-17-00*

*SNIE REVIEW: C. G. W. 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**FNP-0-NDE-100.21**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W05</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V049</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video WO/WA <b>N/A</b> Procedure No. <b>FNP-0-NDE-100.21</b> Revision No. <b>1</b>
Equipment <input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	Tools <input checked="" type="radio"/> Scale <input type="radio"/> Depth Gauge <input type="radio"/> Level <input type="radio"/> Micrometer <input type="radio"/> Comparator <input type="radio"/> Caliper <input type="radio"/> Weld Gauge	Examiner/Initial <b>JOSEPH D. FUNYAK</b> Level Sig. <i>JD Funyak</i> <b>II</b> Examiner/Initial <b>N/A</b> Level Sig. <b>N/A</b> Date (Month/Day/Year) <b>3/16/00</b>

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

\*\* Provide details on other areas examined.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comments

*SNC Review: J. Eric Quack 7 III 3-17-00*

*ANII Review: C. G. ... 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

FARLEY NUCLEAR PLANT

FNP-0-NDE-100.21

VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W06</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V050</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment <input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV		Tools <input checked="" type="radio"/> Scale <input type="radio"/> Depth Gauge <input type="radio"/> Level <input type="radio"/> Micrometer <input type="radio"/> Comparator <input type="radio"/> Caliper <input type="radio"/> Weld Gauge	
		WOMA <b>N/A</b>	
		Procedure No. <b>FNP-0-NDE-100.21</b>	
		Revision No. <b>1</b>	
		Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>J. D. Funyak</i>	
		Examiner/Initial <b>N/A</b> Sig. _____	
		Level <b>II</b>	
		Date (Month/Day/Year) <b>3/16/00</b>	

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

Sat	Un-Sat	N/A
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○

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

\*\* Provide details on other areas examined.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

Sat	Un-Sat	N/A
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○

Comments

*SNC Review: J. Eric Depack L-III 3-17-00*

*ANTI REVIEW: C. G. Wood 3/18/00*

Figure 1

Revision 1

# SHARED

**FARLEY NUCLEAR PLANT**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**FNPF-0-NDE-100.21**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W07</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V051</b>
Photos Yes <input type="radio"/> B/W No <input checked="" type="radio"/> Color	Sketch Yes <input type="radio"/> No <input checked="" type="radio"/>	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote      Video
Equipment <input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV		Tools <input checked="" type="radio"/> Scale <input type="radio"/> Depth Gauge <input type="radio"/> Level <input type="radio"/> Micrometer <input type="radio"/> Comparator <input type="radio"/> Caliper <input type="radio"/> Weld Gauge	
		WO/WA <b>N/A</b>	
		Procedure No. <b>FNPF-0-NDE-100.21</b>	
		Revision No. <b>1</b>	
		Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>J.D. Funyak</i>	Level <b>II</b>
		Examiner/Initial <b>N/A</b> Sig.	Level <b>N/A</b>
		Date (Month/Day/Year) <b>3/16/00</b>	

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

\*\* Provide details on other areas examined.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Comments

*SVC Review: J. Edw. Aspell J-III 3-17-00*

*ANR REVIEW: L. G. Ward 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**FN-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W08</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V052</b>
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"/> Remote <input type="checkbox"/> Video WO/WA <b>N/A</b> Procedure No. <b>FN-0-NDE-100.21</b> Revision No. <b>1</b>
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"/> Caliper <input type="checkbox"/> Weld Gauge	Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>JD Funyak</i> Examiner/Initial <b>N/A</b> Sig.    _____ Date (Month/Day/Year) <b>3/16/00</b>

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

*SNC Review: J. Eric Alcock 2nd 3-17-00*

*ANR Review: C. G. Ward 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**FNP-0-NDE-100.21**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W09</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V053</b>
Photos Yes B/W <input checked="" type="radio"/> No Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote Video
Equipment		Tools	
<input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	<input checked="" type="radio"/> Scale <input type="radio"/> Micrometer <input type="radio"/> Caliper <input type="radio"/> Depth Gauge <input type="radio"/> Comparator <input type="radio"/> Weld Gauge	Level _____ _____
		WO/WA <b>N/A</b>	
		Procedure No. <b>FNP-0-NDE-100.21</b>	
		Revision No. <b>1</b>	
		Examiner/Initial Sig. <i>JD Funyak</i>	Level <b>II</b>
		Examiner/Initial Sig. <b>N/A</b>	Level <b>N/A</b>
		Date (Month/Day/Year) <b>3/16/00</b>	

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
 Undercut  
 Corrosion Build-Up  
 Gouges  
 Evidence of Leakage  
 Arc Strikes  
 Cracks  
 Other\*\*

Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

\*\* Provide details on other areas examined.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
 Cracks  
 Corrosion  
 Gouges  
 Thread Damage  
 Deformation  
 Protective Coating  
 Evidence of Leakage  
 Other \*\*

Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Comments

*SNC Review - J. Eric Ruppach 2-III 3-17-00*

*AND REVIEW: LGWand 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**FNP-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W10</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V054</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Video <input type="radio"/> Remote
Equipment <input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV		Tools <input checked="" type="radio"/> Scale <input type="radio"/> Depth Gauge <input type="radio"/> Level <input type="radio"/> Micrometer <input type="radio"/> Comparator <input type="radio"/> Caliper <input type="radio"/> Weld Gauge	
Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight		WO/WA <b>N/A</b> Procedure No. <b>FNP-0-NDE-100.21</b> Revision No. <b>1</b> Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>JD Funyak</i> Level <b>II</b> Examiner/Initial <b>N/A</b> Sig.    Level <b>N/A</b> Date (Month/Day/Year) <b>3/16/00</b>	

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

	Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

\*\* Provide details on other areas examined.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

	Sat	Un-Sat	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comments

*SNC Review - J. E. O'Connell L-III 3-17-00*

*SNC Review: L. G. H. 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**FNP-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W11</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V055</b>
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"/> Remote <input type="checkbox"/> Video
Equipment <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV		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"/> Caliper <input type="checkbox"/> Weld Gauge	
Lighting <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight		WO/WA <b>N/A</b> Procedure No. <b>FNP-0-NDE-100.21</b> Revision No. <b>1</b> Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>J. D. Funyak</i> Examiner/Initial <b>N/A</b> Sig. _____ Date (Month/Day/Year) <b>3/16/00</b>	
		Level <b>II</b> Level <b>N/A</b>	

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

Sat	Un-Sat	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input 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.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

Sat	Un-Sat	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments

*SNC REVIEW - J. E. [Signature] 3-17-00*

*ANSI REVIEW: [Signature] 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**FNP-0-NDE-100.21**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W12</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V056</b>
Photos <input type="radio"/> Yes B/W <input checked="" type="radio"/> No Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment		Tools	
<input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	<input checked="" type="radio"/> Scale <input type="radio"/> Micrometer <input type="radio"/> Caliper <input type="radio"/> Depth Gauge <input type="radio"/> Comparator <input type="radio"/> Weld Gauge	WO/WA <b>N/A</b> Procedure No. <b>FNP-0-NDE-100.21</b> Revision No. <b>1</b> Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>[Signature]</i> Examiner/Initial <b>N/A</b> Sig. _____ Date (Month/Day/Year) <b>3/16/00</b>
		Level <b>II</b> Level <b>N/A</b>	

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

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

\*\* Provide details on other areas examined.

Comments

*SNE Review - J. Eric Olycock 1-TIF 3-17-00*

*ANTI REVIEW: [Signature] 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**FNP-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W13</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V057</b>
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"/> Remote <input type="checkbox"/> Video WOWA <b>N/A</b> Procedure No. <b>FNP-0-NDE-100.21</b> Revision No. <b>1</b>
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"/> Caliper <input type="checkbox"/> Weld Gauge	Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>[Signature]</i> Examiner/Initial <b>N/A</b> Sig. _____ Date (Month/Day/Year) <b>3/16/00</b>

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

Sat	Un-Sat	N/A
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○

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

\*\* Provide details on other areas examined.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

Sat	Un-Sat	N/A
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○
○	○	○

Comments

*SNC Review - J. E. O'Connell 3-17-00*

*ANIL REVIEW: 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**FNP-0-NDE-100.21**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W14</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V058</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment <input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV		Tools <input checked="" type="radio"/> Scale <input type="radio"/> Depth Gauge <input type="radio"/> Level <input type="radio"/> Micrometer <input type="radio"/> Comparator <input type="radio"/> Caliper <input type="radio"/> Weld Gauge	
Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight		WO/WA <b>N/A</b> Procedure No. <b>FNP-0-NDE-100.21</b> Revision No. <b>1</b> Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>JD Funyak</i> Examiner/Initial <b>N/A</b> Sig.    _____ Date (Month/Day/Year) <b>3/16/00</b>	
		Level <b>II</b> Level <b>N/A</b>	

	Sat	Un-Sat	N/A		Sat	Un-Sat	N/A
<input type="radio"/> <b>WELDS &amp; BASE MATERIAL VT-1</b>  Ground Blend Material Undercut Corrosion Build-Up Gouges Evidence of Leakage Arc Strikes Cracks Other**	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/> <b>BOLTS, STUDS, AND WASHERS VT-1</b>  Loose Members Cracks Corrosion Gouges Thread Damage Deformation Protective Coating Evidence of Leakage Other **	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

\*\* Provide details on other areas examined.

Comments

*SDC Review - J. G. Brock L11 3-17-00*

*ANDE REVIEW: L. G. Brock 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**FNP-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W15</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V059</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video WO/WA <b>N/A</b> Procedure No. <b>FNP-0-NDE-100.21</b> Revision No. <b>1</b>
Equipment <input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	Tools <input checked="" type="radio"/> Scale <input type="radio"/> Depth Gauge <input type="radio"/> Level <input type="radio"/> Micrometer <input type="radio"/> Comparator <input type="radio"/> Caliper <input type="radio"/> Weld Gauge	Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>JD Funyak</i> Level <b>II</b> Examiner/Initial <b>N/A</b> Sig. _____ Level <b>N/A</b> Date (Month/Day/Year) <b>3/16/00</b>

**WELDS & BASE MATERIAL VT-1**

Ground Blend Material  
Undercut  
Corrosion Build-Up  
Gouges  
Evidence of Leakage  
Arc Strikes  
Cracks  
Other\*\*

	Sat	Un-Sat	N/A
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

\*\* Provide details on other areas examined.

**BOLTS, STUDS, AND WASHERS VT-1**

Loose Members  
Cracks  
Corrosion  
Gouges  
Thread Damage  
Deformation  
Protective Coating  
Evidence of Leakage  
Other \*\*

	Sat	Un-Sat	N/A
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Comments

*SAC Review - J. Eric Olesch 3-17-00*

*ANTI REVIEW: CGH 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**FNP-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W16</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V060</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment <input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV		Tools <input checked="" type="radio"/> Scale <input type="radio"/> Depth Gauge <input type="radio"/> Level <input type="radio"/> Micrometer <input type="radio"/> Comparator <input type="radio"/> Caliper <input type="radio"/> Weld Gauge	
Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight		WO/WA <b>N/A</b> Procedure No. <b>FNP-0-NDE-100.21</b> Revision No. <b>1</b>	
Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>Joe Funyak</i>		Level <b>II</b>	
Examiner/Initial <b>N/A</b> Sig. _____		Level <b>N/A</b>	
Date (Month/Day/Year) <b>3/16/00</b>			

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

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

\*\* Provide details on other areas examined.

Comments

*SNC Review - J. E. O'Connell III 3-17-00*

*ANII Review: G. Ward 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

**FARLEY NUCLEAR PLANT**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**FNP-0-NDE-100.21**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W17</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V061</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video WO/WA <b>N/A</b> Procedure No. <b>FNP-0-NDE-100.21</b> Revision No. <b>1</b>
Equipment <input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV	Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	Tools <input checked="" type="radio"/> Scale <input type="radio"/> Depth Gauge <input type="radio"/> Level <input type="radio"/> Micrometer <input type="radio"/> Comparator <input type="radio"/> Caliper <input type="radio"/> Weld Gauge	Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>JD Funyak</i> Examiner/Initial <b>N/A</b> Sig. _____ Date (Month/Day/Year) <b>3/16/00</b>

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

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

\*\* Provide details on other areas examined.

Comments

*SNC Review - J. Edw. Depack 2-11-00 3-17-00*

*ANII REVIEW: C. Ward 3/18/00*

**Figure 1**

**Revision 1**

# SHARED

FARLEY NUCLEAR PLANT

VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09

FNP-0-NDE-100.21

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W18</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V062</b>
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"/> Remote    Video
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"/> Micrometer <input type="checkbox"/> Comparator <input type="checkbox"/> Caliper <input type="checkbox"/> Weld Gauge <input type="checkbox"/> Level
		WO/WA <b>N/A</b>	Procedure No. <b>FNP-0-NDE-100.21</b>
		Revision No. <b>1</b>	
		Examiner/Initial <b>JOSEPH D. FUNYAK</b>	Level <b>II</b>
		Sig. <i>J. D. Funyak</i>	
		Examiner/Initial <b>N/A</b>	Level <b>N/A</b>
		Sig.	
		Date (Month/Day/Year) <b>3/16/00</b>	

WELDS & BASE MATERIAL VT-1	Sat	Un-Sat	N/A	BOLTS, STUDS, AND WASHERS VT-1	Sat	Un-Sat	N/A
Ground Blend Material				Loose Members			
Undercut				Cracks			
Corrosion Build-Up				Corrosion			
Gouges				Gouges			
Evidence of Leakage				Thread Damage			
Arc Strikes				Deformation			
Cracks				Protective Coating			
Other**				Evidence of Leakage			
				Other **			

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

\*\* Provide details on other areas examined.

Comments

*SNC Review - J. Eric Olyock III 3/17/00*

*AND REVIEW: CGH and 3/18/00*

Figure 1

Revision 1

# SHARED

**FARLEY NUCLEAR PLANT**

**FNP-0-NDE-100.21**

**VISUAL EXAMINATION RECORD VT-1 RTYPE: L1.09**

**SOUTHERN NUCLEAR OPERATING COMPANY**

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>ALA1-1300-W19</b>	Drawing Number <b>ALA1-1300</b>	Sheet No. <b>S00F1V063</b>
Photos <input type="radio"/> Yes <input type="radio"/> B/W <input checked="" type="radio"/> No <input type="radio"/> Color	Sketch <input type="radio"/> Yes <input checked="" type="radio"/> No	Resolution <input type="radio"/> 1/32" Division (Scale) <input checked="" type="radio"/> 1/32" Line (Gray Card)	Technique <input checked="" type="radio"/> Direct <input type="radio"/> Remote <input type="radio"/> Video
Equipment <input checked="" type="radio"/> Mirror <input type="radio"/> Magnifier <input type="radio"/> CCTV		Lighting <input type="radio"/> Ambient <input checked="" type="radio"/> Flashlight <input type="radio"/> Droplight	Tools <input checked="" type="radio"/> Scale <input type="radio"/> Micrometer <input type="radio"/> Caliper <input type="radio"/> Depth Gauge <input type="radio"/> Comparator <input type="radio"/> Weld Gauge <input type="radio"/> Level
		WO/WA <b>N/A</b>	Procedure No. <b>FNP-0-NDE-100.21</b>
		Revision No. <b>1</b>	
		Examiner/Initial <b>JOSEPH D. FUNYAK</b> Sig. <i>J.D. Funyak</i>	Level <b>II</b>
		Examiner/Initial <b>N/A</b> Sig.	Level <b>N/A</b>
		Date (Month/Day/Year) <b>3/16/00</b>	

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

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

\*\* Provide details on other areas examined.

Comments

*Sub Review - J. Enders A-114 3/17/00*

*ANTI REVIEW - C. G. W. 3/18/00*

**Figure 1**

**Revision 1**

**NO EXAMINATIONS SCHEDULED THIS OUTAGE**

**NO EXAMINATIONS SCHEDULED THIS OUTAGE**

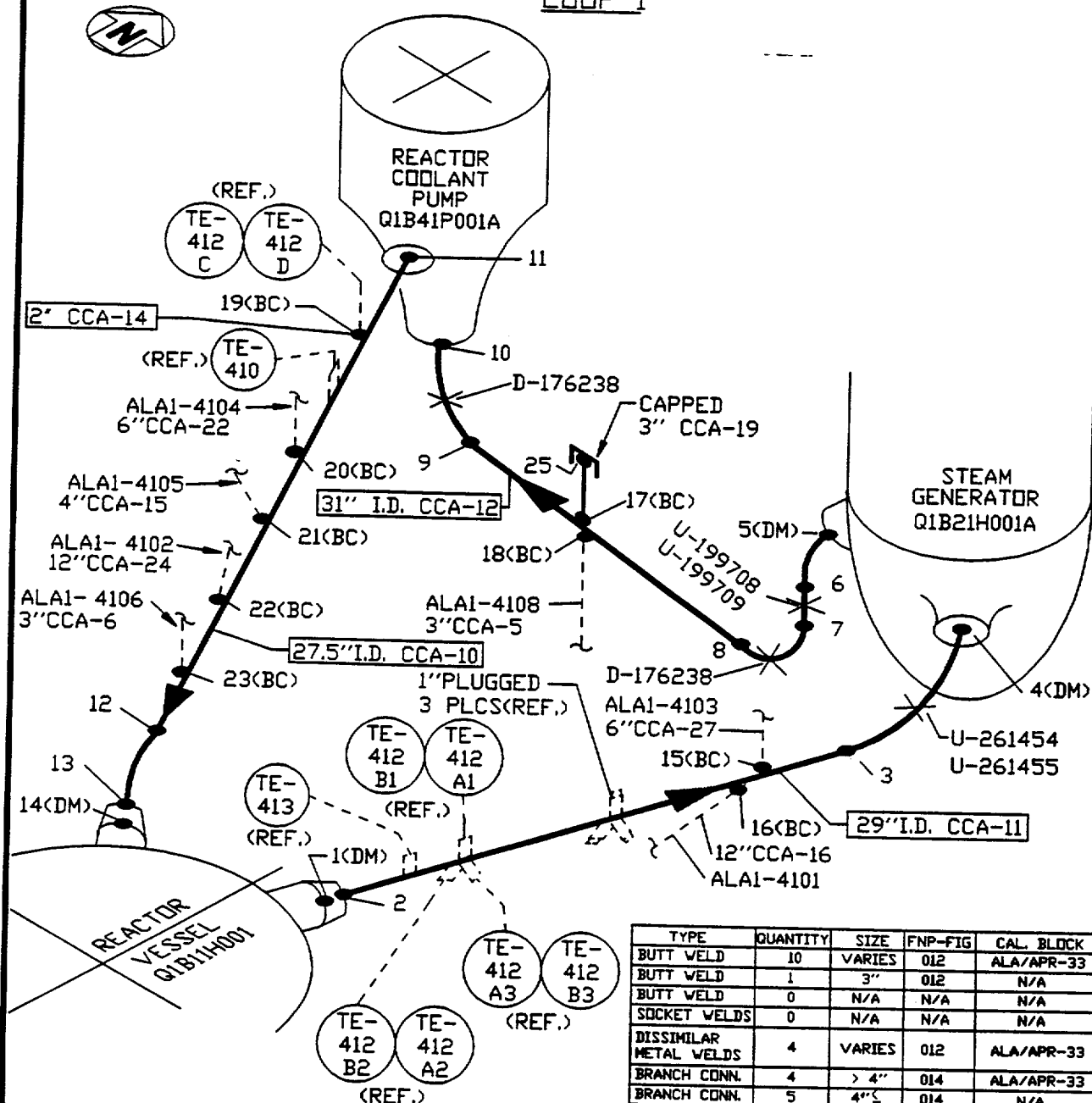
**DRAWING ALA1-4100**  
**LOOP 1 REACTOR COOLANT PIPE**

CONTAINMENT

REACTOR COOLANT PIPE

ALA1-4100

LOOP 1



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	10	VARIES	012	ALA/APR-33
BUTT WELD	1	3"	012	N/A
BUTT WELD	0	N/A	N/A	N/A
SOCKET WELDS	0	N/A	N/A	N/A
DISSIMILAR METAL WELDS	4	VARIES	012	ALA/APR-33
BRANCH CONN.	4	> 4"	014	ALA/APR-33
BRANCH CONN.	5	4" <=	014	N/A
WELDED SUPP.	0	N/A	N/A	N/A
COMP. SUPPORT	3	N/A	037	N/A

LINE NUMBER: Q1-B13-CCA-10

BOUNDARY DIAGRAM

D-351114 SH. 1

Q1-B13-CCA-11

REFERENCE ISD'S

D-514996 SH. 1

Q1-B13-CCA-12

D-514996 SH. 2

LINE SIZE 27.5" I.D. CCA-10, 29" I.D.

REFERENCE DRAWINGS

U-266319

CCA-11, 31" I.D. CCA-12

U-266320

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

B13-REACTOR COOLANT-LOOP 1

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

16

1

 CAD ALA14100  
 AUTOCAD RAY-02

# SHARED

Farley Nuclear Plant  
Liquid Penetrant Examination Record

FNP-0-NDE-100.5

PT-F-Form 001

Southern Nuclear Operating Company

Unit <b>1</b>	Component Number <b>ALA1-4100-1DM</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.5 / 6 / N/A</b>	Sheet No. <b>S00F1P049</b>	Page <u>1</u> of <u>1</u>
<u>Thermometer</u> Mfg. / Ser. No. <b>PTC / 38193</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>86 °F</b>		<u>Penetrant Materials</u> Manufacturer <b>MAGNAFLUX</b> Cleaner/Remover <b>SKC-S</b> Penetrant <b>SKL-SP</b> Developer <b>SKD-S2</b> Type <b>SKC-S</b> Batch <b>99J01K</b> <b>96J02K</b> <b>98D11K</b>		
Component Configuration <b>R.V. NOZZLE TO SAFE END</b>		% of Length Coverage <b>100</b>	Date <b>5/12/00</b>	
Ind. No. <b>N/A</b>	Results <b>NRI</b>	Indication Desc. / Exam Limitations / etc.		Remarks

Remarks:

Primary Examiner <b>MANFRED GRELL</b>	ASNT Level <b>II</b>	Initials <i>[Signature]</i>	Assistant Examiner <b>N/A</b>	ASNT Level	Initials	Non-Technical Review <i>[Signature]</i>	Date <b>5-12-00</b>
SNC NDE Level II/III Review <i>[Signature]</i>		Date <b>5-12-00</b>	Percentage of Code Coverage <b>100</b> %	ANII Review <i>[Signature]</i>		Date <b>5/12/00</b>	

Figure 1

Revision 6

# SHARED

Farley Nuclear Plant  
Liquid Penetrant Examination Record

FNP-0-NDE-100.5  
PT-F-Form 001

Southern Nuclear Operating Company

Unit <b>1</b>	Component Number <b>ALA1-4100-2</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.5 / 6 / N/A</b>	Sheet No. <b>S00F1P052</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg. / Ser. No. <b>PTC / 38193</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>86 °F</b>		<u>Penetrant Materials</u> Manufacturer <b>MAGNAFLUX</b> Cleaner/Remover <b>SKC-S</b> Penetrant <b>SKL-SP</b> Developer <b>SKD-S2</b> Type <b>SKC-S</b> Batch <b>99J01K</b> <b>96J02K</b> <b>98D11K</b>		
Component Configuration <b>SAFE-END TO PIPE</b>		% of Length Coverage <b>100</b>	Date <b>5/12/00</b>	
Ind. No. <b>N/A</b>		Results <b>NRI</b>	Indication Desc. / Exam Limitations / etc. <b></b>	
		Remarks <b></b>		

Remarks:

Primary Examiner <b>SCOTT R. ERICKSON</b>	ASNT Level <b>II</b>	Initials <b>SRE</b>	Assistant Examiner <b>N/A</b>	ASNT Level <b></b>	Initials <b></b>	Non-Technical Review <i>[Signature]</i>	Date <b>5-12-00</b>
SNC NDE Level II/III Review <i>[Signature]</i>		Date <b>5-12-00</b>	Percentage of Code Coverage <b>100 %</b>	ANII Review <i>[Signature]</i>		Date <b>5/12/00</b>	

Figure 1

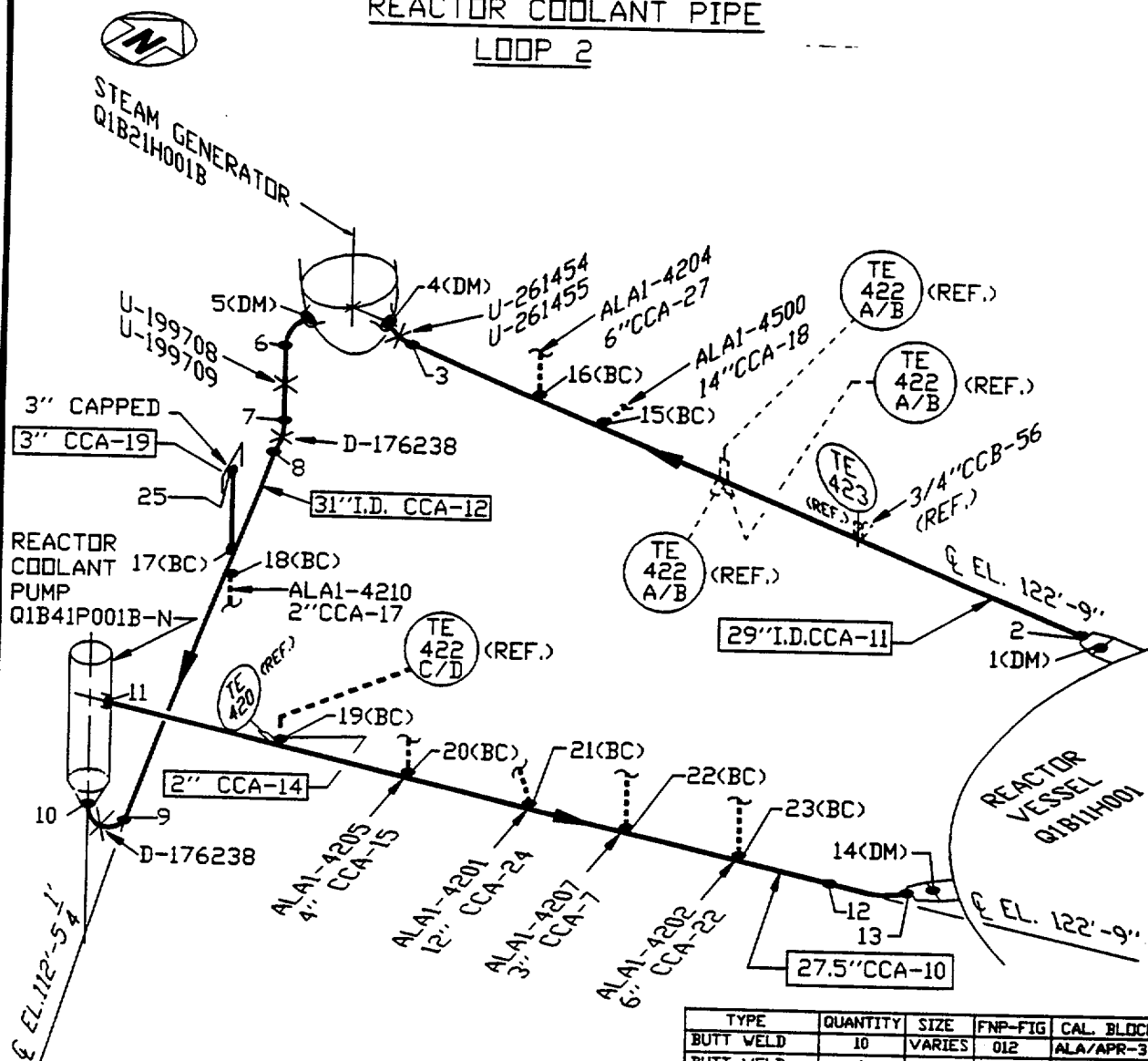
Revision 6

**DRAWING ALA1-4200**  
**LOOP 2 REACTOR COOLANT PIPE**

CONTAINMENT

ALA1-4200

# REACTOR COOLANT PIPE LOOP 2



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	10	VARIES	012	ALA/APR-33
BUTT WELD	1	3"	011	N/A
SOCKET WELDS	0	N/A	N/A	N/A
DISSIMILAR METAL WELDS	4	VARIES	012	ALA-RV-7 ALA/APR-33
BRANCH CONN.	5	> 4"	013	ALA/APR-33
BRANCH CONN.	4	4" ≤	014	N/A
WELDED SUPP.	0	N/A	N/A	N/A
COMP. SUPPORT	3	N/A	037	N/A

LINE NUMBER: Q1-B13-CCA-10

Q1-B13-CCA-11

Q1-B13-CCA-12

LINE SIZE 27.5" I.D. CCA-10; 29" I.D. CCA-11; 31" I.D. CCA-12; 3" CCA-12

BOUNDARY DIAGRAM

D-351114 SH. 1

REFERENCE ISO'S

D-514997 SH. 1

REFERENCE DRAWINGS

U-266319

U-266320

1 3-26-98 RAW JAR

REVISED PER REA 96-1295, REV. 0

LDT

DLG DEV

0 6-30-92 SDH

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-LOOP 2

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

29

1

CAD ALA14200  
AUTOCAD JLB-03

# SHARED

FNP-0-NDE-100.5

Farley Nuclear Plant

PT-F-Form 001

## Liquid Penetrant Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component Number <b>ALA1-4200-1DM</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.5 / 6 / N/A</b>	Sheet No. <b>S00F1P051</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg. / Ser. No. <b>PTC / 38193</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>86 °F</b>		<u>Penetrant Materials</u> Manufacturer <b>MAGNAFLUX</b> Cleaner/Remover <b>SKC-S</b> Penetrant <b>SKL-SP</b> Developer <b>SKD-S2</b> Type <b>SKC-S</b> Batch <b>99J01K</b> <b>96J02K</b> <b>98D11K</b>		
Component Configuration <b>RV NOZZLE TO SAFE END</b>		% of Length Coverage <b>100</b>	% of Area Coverage <b>100</b>	Date <b>5/12/00</b>
Ind. No. <b>N/A</b>	Results <b>NRI</b>	Indication Desc. / Exam Limitations / etc.		Remarks

Remarks:

Primary Examiner <b>SCOTT R. ERICKSON</b>	ASNT Level <b>II</b>	Initials <b>SRE</b>	Assistant Examiner <b>N/A</b>	ASNT Level	Initials	Non-Technical Review <i>[Signature]</i>	Date <b>5-12-00</b>
SNC NDE Level II/III Review <i>[Signature]</i>		Date <b>5-12-00</b>	Percentage of Code Coverage <b>100 %</b>	ANII Review <i>[Signature]</i>		Date <b>5/12/00</b>	

Figure 1

Revision 6

# SHARED

FNP-0-NDE-100.5

Farley Nuclear Plant

PT-F-Form 001

## Liquid Penetrant Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component Number <b>ALA1-4200-2</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.5 / 6 / N/A</b>	Sheet No. <b>S00F1P050</b>	Page <b>1</b> of <b>1</b>	
<u>Thermometer</u> Mfg. / Ser. No. <b>PTC / 38193</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>86</b> °F		<u>Penetrant Materials</u> Manufacturer <b>MAGNAFLUX</b> Cleaner/Remover <b>SKC-S</b> Penetrant <b>SKL-SP</b> Developer <b>SKD-S2</b> Type <b>SKC-S</b> Batch <b>99J01K</b> <b>96J02K</b> <b>98D11K</b>			
Component Configuration <b>SAFE-END TO PIPE</b>		% of Length Coverage <b>100</b>	Date <b>5/12/00</b>		
Ind. No. <b>N/A</b>		Results <b>NRI</b>	Indication Desc. / Exam Limitations / etc. <b></b>		Remarks <b></b>

Remarks:

Primary Examiner <b>MANFRED GRELL</b>	ASNT Level <b>II</b>	Initials <b>MG</b>	Assistant Examiner <b>N/A</b>	ASNT Level <b></b>	Initials <b></b>	Non-Technical Review <b>J. E. O'Connell</b>	Date <b>5/12/00</b>
SNC NDE Level II/III Review <b>Darryl D. Sifton</b>		Date <b>5-12-00</b>	Percentage of Code Coverage <b>100</b> %	ANII Review <b>C. Ward</b>		Date <b>5/12/00</b>	

Figure 1

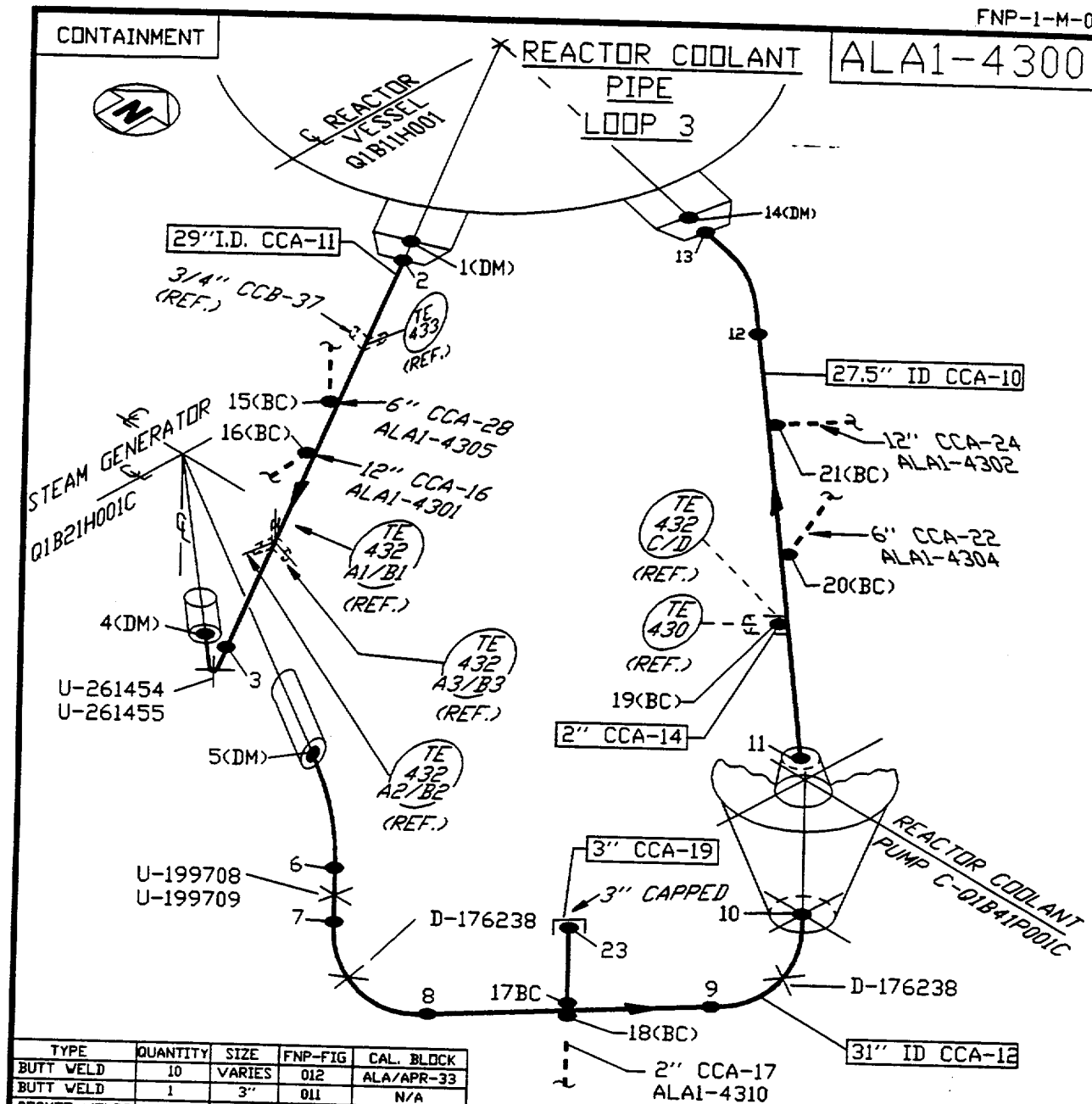
Revision 6



CONTAINMENT

REACTOR COOLANT  
PIPE  
LOOP 3

ALA1-4300



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	10	VARIES	012	ALA/APR-33
BUTT WELD	1	3"	011	N/A
SOCKET WELDS	0	N/A	N/A	N/A
DISSIMILAR METAL WELDS	4	VARIES	012	ALARP-7 ALA/APR-33
BRANCH CONN.	4	> 4"	013	ALA/APR-33
BRANCH CONN.	3	4" ≤	014	N/A
WELDED SUPP.	0	N/A	N/A	N/A
COMP. SUPPORT	3	N/A	037	N/A

LINE NUMBER Q-1-B13-CCA-10  
Q-1-B13-CCA-11  
Q-1-B13-CCA-12  
LINE SIZE: 27.5" I.D. CCA-10; 29" I.D.  
CCA-11; 31" I.D. CCA-12; 3" CCA-12

BOUNDARY DIAGRAM D-351114 SH. 1  
REFERENCE ISO'S D-514998 SH. 1  
REFERENCE ISO'S U-266319  
U-266320

2	7-13-98	DFV	JAR	REVISED IN REFERENCE TO REA 96-1295, REV. 0	LDT	IMH for DEW		
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-LOOP 3

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET REV.

A-351192

42

2

CAD ALA14300.DWG  
AUTOCAD  
DFV-03

# SHARED

FNP-0-NDE-100.5

Farley Nuclear Plant

PT-F-Form 001

## Liquid Penetrant Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component Number <b>ALA1-4300-1DM</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.5 / 6 / N/A</b>	Sheet No. <b>S00F1P053</b>	Page <u>1</u> of <u>1</u>
<u>Thermometer</u> Mfg. / Ser. No. <b>PTC / 38193</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>86 °F</b>		<u>Penetrant Materials</u> Manufacturer <b>MAGNAFLUX</b> Cleaner/Remover <b>SKC-S</b> Penetrant <b>SKL-SP</b> Developer <b>SKD-S2</b> Type <b>SKC-S</b> Batch <b>99J01K</b> <b>96J02K</b> <b>98D11K</b>		
Component Configuration <b>RV NOZZLE TO SAFE END</b>		% of Length Coverage <b>100</b>	% of Area Coverage <b>100</b>	Date <b>5/12/00</b>
Ind. No. <b>N/A</b>	Results <b>NRI</b>	Indication Desc. / Exam Limitations / etc.		Remarks

Remarks:

Primary Examiner <b>PAUL D'VALERIO</b>	ASNT Level <b>II</b>	Initials <i>PA</i>	Assistant Examiner <b>N/A</b>	ASNT Level	Initials	Non-Technical Review <i>[Signature]</i>	Date <b>5-12-00</b>
SNC NDE Level II/III Review <i>[Signature]</i>	Date <b>5-12-00</b>	Percentage of Code Coverage <b>100 %</b>	ANII Review <i>[Signature]</i>		Date <b>5/12/00</b>		

Figure 1

Revision 6

# SHARED

Farley Nuclear Plant

FNP-0-NDE-100.5

## Liquid Penetrant Examination Record

PT-F-Form 001

Southern Nuclear Operating Company

Unit <b>1</b>	Component Number <b>ALA1-4300-2</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.5 / 6 / N/A</b>	Sheet No. <b>S00F1P054</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg. / Ser. No. <b>PTC / 38193</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>86 °F</b>		<u>Penetrant Materials</u> Manufacturer <b>MAGNAFLUX</b> Cleaner/Remover <b>SKC-S</b> Penetrant <b>SKL-SP</b> Developer <b>SKD-S2</b> Type <b>SKC-S</b> Batch <b>99J01K</b> <b>96J02K</b> <b>98D11K</b>		
Component Configuration <b>SAFE-END TO PIPE</b>		% of Length Coverage <b>100</b>	Date <b>5/12/00</b>	
Ind. No. <b>N/A</b>		Results <b>NRI</b>	Indication Desc. / Exam Limitations / etc. <b>SAFE-END TO PIPE</b>	
		Remarks <b>SAFE-END TO PIPE</b>		

Remarks:

Primary Examiner <b>PAUL D'VALERIO</b>	ASNT Level <b>II</b>	Initials <i>PD</i>	Assistant Examiner <b>N/A</b>	ASNT Level	Initials	Non-Technical Review <i>J. Erin Dycock</i>	Date <b>5-12-00</b>
SNC NDE Level II/III Review <i>Danny A. Siffert</i>		Date <b>5-12-00</b>	Percentage of Code Coverage <b>100 %</b>	ANII Review <i>CG Ward</i>		Date <b>5/12/00</b>	

Figure 1

Revision 6

**DRAWING ALA1-4304**  
**LOOP 3 6" SAFETY INJECTION SYSTEM-COLD LEG**

# SHARED

## FARLEY NUCLEAR PLANT Ultrasonic Calibration and Examination Record

FNP-0-NDE-100.31  
Southern Nuclear Operating Company

Unit <b>1</b>	Sketch/Component No. <b>ALA1-4304-7</b>	Date <b>3/12/00</b>	Sheet No. <b>S00F1U029</b>	Page 1 of 41
Procedure/Rev./TCN <b>FNP-0-NDE-100.31 / 7 / N/A</b>	Couplant/Batch No. <b>SONATRACE 40 / 94243</b>	Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L003</b>	

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>STAVELEY</b>	Transducer Mfg.	<b>KBA</b>	Cal. Blk. No.	<b>ALA-6</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	<b>136-898K</b>	Serial No.	<b>031279</b>	Thickness	<b>.719"</b>	1T	80	2.0	.73	1T	80	2.2	.89
Ax. dB		Size	<b>.375</b>	Cal. Temp.	<b>72</b>	2T	50	4.0	1.4	2T	60	4.4	1.9
Ref.	<b>29.0</b>	Frequency/Mode	<b>2.25 / S</b>	Cal. In	<b>0900</b>	3T	25	6.0	2.1				
Scan	<b>41.0</b>	"A" Dimension	<b>.3</b>	Cal. Chk.	<b>1040</b>	4T	18	8.0	2.83				
Reject	<b>OFF</b>	Nominal Angle	<b>45</b>	Cal. Out	<b>1340</b>	Calibration Remarks: N/A							
Frequency	<b>2.25</b>	Measured Angle	<b>45</b>	Ref. Blk. No.	<b>4976</b>								
Mode	<b>P/E</b>	Cable Type	<b>RG174</b>	Reflector	<b>HOLE</b>								
Damping	<b>500 OHMS</b>	Cable Length	<b>15'</b>	Amplitude/Sweep	<b>18% / 2.0</b>								

Comp. Temp.: 70 °F Configuration: VALVE TO PIPE Wo Location C/L Lo Location TDC

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"	
2	●	○	○	N/A														
7	●	○	○	N/A														
8	●	○	○	N/A														

Examination/Limitation Remarks:

VALVE RESTRICTS 5 SCAN. EXTENDED VOLUME PER 97-19-1. LAMINATION SCAN PERFORMED WITH TRANSDUCER D15618 80% FSH WITH 24.2db

REFERENCE IER 4304-7 FOR SURFACE GOUGE RESOLUTION. JRC

Total Length of Weld	Crown Width	Total Length of Weld Examined		Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)			
21"	.7"	5 (L) N/A	2 (L) NL	7 & 8 (W) NL	5 - from N/A	to N/A	2 - from .65	to NL	From (5) +.35	to (2) NL	
Primary Examiner		Level	Assistant Examiner		Level	Non-Technical Review		Date			
JOSEPH D. FUNYAK		II	N/A		N/A	Lynda Duke		3-13-00			
SNC NDE Level II/III Review		Date	Percentage of Code Coverage		ANII Review		Date				
Jany Cordes LIII		3-14-00	N/A %		cykand		5/6/00				

Figure 1

Revision 7

# SHARED

## FARLEY NUCLEAR PLANT Ultrasonic Calibration and Examination Record

FNP-0-NDE-100.31  
Southern Nuclear Operating Company

Unit <b>1</b>	Sketch/Component No. <b>ALA1-4304-7</b>	Date <b>3/12/00</b>	Sheet No. <b>S00F1U030</b>	Page <b>1</b> of <b>1</b>
Procedure/Rev./TCN <b>FNP-0-NDE-100.31 / 7 / N/A</b>	Couplant/Batch No. <b>SONATRACE 40 / 94243</b>	Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L003</b>	

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>STAVELEY</b>	Transducer Mfg.	<b>KBA</b>	Cal. Blk. No.	<b>ALA-6</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	<b>136-898K</b>	Serial No.	<b>031273</b>	Thickness	<b>.719"</b>	1T	80	4.0	.95	N/A	N/A	N/A	N/A
Ax. dB		Size	<b>.375</b>	Cal. Temp.	<b>72</b>	2T	30	8.0	1.93	N/A	N/A	N/A	N/A
Ref.	<b>46.4</b>	Frequency/Mode	<b>2.25 / S</b>	Cal. In	<b>0905</b>	Calibration Remarks: N/A							
Scan	<b>58.4</b>	"A" Dimension	<b>.5</b>	Cal. Chk.	<b>1050</b>								
Reject	<b>OFF</b>	Nominal Angle	<b>60</b>	Cal. Out	<b>1345</b>								
Frequency	<b>2.25</b>	Measured Angle	<b>53</b>	Ref. Blk. No.	<b>4976</b>								
Mode	<b>P/E</b>	Cable Type	<b>RG174</b>	Reflector	<b>HOLE</b>								
Damping	<b>500 OHMS</b>	Cable Length	<b>15'</b>	Amplitude/Sweep	<b>65% / 4.4</b>								

Comp. Temp.: <b>70</b> °F		Configuration: <b>VALVE TO PIPE</b>		Wo Location C/L				Lo Location TDC						
Scan Dir.	Results NI NRI RI	Ind. No.	% DAC	L1	Length Lmax L2	Reference Measurement W1 Wmax W2			Sweep Position S1 Smax S2			Thickness 1" <-- C/L --> 1"		Notes:
<b>2</b>	<b>●</b>	<b>N/A</b>												

Examination/Limitation Remarks:

VALVE RESTRICTS 5 SCAN. EXTENDED VOLUME PER 97-19-1.

*REFERENCE IER 4304-7 FOR SURFACE GROUND RESOLUTION. JRC*

Total Length of Weld <b>21"</b>	Crown Width <b>.7"</b>	Total Length of Weld Examined <b>5 (L) N/A 2 (L) NL 7 &amp; 8 (W) N/A</b>				Extent of Perpendicular Scans (W) <b>5 - from N/A to N/A</b>				Extent of Parallel Scans (L) <b>2 - from .85 to NL</b>			
Primary Examiner <b>JOSEPH D. FUNYAK</b>		Level <b>II</b>	Assistant Examiner <b>N/A</b>				Level <b>N/A</b>	Non-Technical Review <i>Lynda Duke</i>				Date <b>3-13-00</b>	
SNC NDE Level II/III Review <i>Dany Cardes LIII</i>			Date <b>3-14-00</b>	Percentage of Code Coverage <b>N/A</b> %				ANII Review <i>CS</i>				Date <b>5/6/00</b>	

Figure 1

Revision 7

# SHARED

Ultrasonic Weld Profile Record				FNP-0-NDE-100.35	
Southern Nuclear Operating Company					
Unit <b>1</b>	Weld Number <b>ALA1-4304-7</b>	Sheet Number <b>S00F1U031</b>	Date <b>3/12/00</b>		
ISO/Drawing Number <b>ALA1-4304</b>		Couplant/Batch Number <b>SONATRACE 40 / 94243</b>		Instrument Manufacturer <b>STAVELEY</b>	
Material Type <b>SS</b>	Calibration Standard/Serial Number <b>SS STEP / 800887</b>		Model Number <b>SONIC 136</b>		Serial Number <b>136-898K</b>
Examiner <b>JOSEPH D. FUNYAK</b> <i>JDF</i>		SNT Level <b>II</b>	Search Unit Manufacturer <b>KBA</b>		Size <b>.375</b>
Examiner <b>N/A</b>		SNT Level <b>N/A</b>	Serial Number <b>D15618</b>		Frequency <b>2.25</b> MHz
Weld Examination Record No. <b>N/A</b>		Indication No. <b>N/A</b>	Component Configuration/Flow <b>VALVE TO PIPE</b>		
Location LMAX      TDC      WMAX      C/L			Component Temp °F <b>70</b>		Thermometer S/N <b>PTC 38081</b>
<u>T. MEASUREMENTS</u>  <u>O.D. PROFILE</u> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="text-align: center; margin-right: 20px;">             1.39 1.39 1.38           </div> <div style="text-align: center; margin-right: 20px;">             .66 .67 .68 .69 .71 .72 .72 .72 .72           </div> </div>					
<u>T. MEASUREMENT EACH</u> <b>.25</b> IN.					
REMARKS:					

NDE LII/III Review <i>Dan Cordes</i>	Level <b>III</b>	Date <b>3-14-00</b>	Non-Technical Review <i>Lynda Duke</i>	Date <b>3-13-00</b>
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Revision 1

# SHARED

FNP-0-NDE-100.5

PT-F-Form 001

Farley Nuclear Plant

## Liquid Penetrant Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component Number <b>ALA1-4304-7</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.5 / 6 / N/A</b>	Sheet No. <b>S00F1P003</b>
Thermometer Mfg. / Ser. No. <b>PTC / 38081</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>75 °F</b>		Penetrant Materials Manufacturer <b>MAGNAFLUX</b> Cleaner/Remover <b>SKC-S</b> Penetrant <b>SKL-SP</b> Developer <b>SKD-S2</b> Type <b>SKC-S</b> Batch <b>96J05K</b> <b>93D12K</b> <b>93J02P</b>	
Component Configuration <b>VALVE TO PIPE</b>		% of Length Coverage <b>100</b> % of Area Coverage <b>100</b>	Date <b>3/12/00</b>
Ind. No. <b>N/A</b>	Results <b>NRI</b>	Indication Desc. / Exam Limitations / etc.	Remarks <i>See Sheet 2 of 2 for photo taken 3/14/00</i>

*DNL 3-14-00*  
REFERENCE IER 4304-7 FOR GOUGE RESOLUTION.

Remarks: **3 GOUGES (1) 4"CCW TO 2CW" (1/8 TO 9/16 FROM TOE) (2) 4 1/2" CW TO 5" CW (3/8 FROM TOE) (3) 7" CW TO 8" CW (1/4 TO 1/2 FROM TOE)**

Primary Examiner <b>JOHN W. BELL</b>	ASNT Level <b>II</b>	Initials <i>gwb</i>	Assistant Examiner <b>N/A</b>	ASNT Level <b>N/A</b>	Initials <b></b>	Non-Technical Review <i>Lynda Duke</i>	Date <b>3-17-00</b>
SNC NDE Level II/III Review <i>Dan Cordes L/III</i>		Date <b>3-17-00</b>	Percentage of Code Coverage <b>100 %</b>	ANII Review <i>13/6/00</i>		Date <b>5/6/00</b>	

Figure 1

Revision 6

03/15/00 11:22:27

SHARED

FIGURE 1

FNP-0-NDE-100.21  
RTYPE: L1.09

## VISUAL EXAMINATION RECORDED VT-1

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /	Line Number/Examination Area/Weld No. ALA1-4304-7		Drawing Number ALA1-4304		Sheet No.																																													
Photos ___ Yes ___ B&W ___ No ___ Color	Sketch ___ Yes ___ No	Resolution ___ 1/32" Division (Scale) ___ 1/32" Line (Gray Card)	Technique ___ Direct ___ Remote ___ Video		WO/WA Procedure No. FNP-0-NDE-100.21 Revision No. 1 Examiner/Initial Sig. <i>Paul H. Walker</i> Level II Examiner/Initial Sig. _____ Level _____ Date (Month-Day-Year) 03-15-00																																													
Equipment ___ Mirror ___ Magnifier ___ CCTV	Lighting ___ Ambient ___ Flashlight ___ Droplight	Tools ___ Scale ___ Micrometer ___ Caliper ___ Depth Gauge ___ Comparator ___ Weld Gauge ___ Level																																																
<input checked="" type="checkbox"/> <b>WELDS &amp; BASE MATERIAL VT-1</b> Ground Blend Material Undercut Corrosion build-Up Gouges Evidence of Leakage Arc Strikes Cracks Other **			<table border="1"> <thead> <tr> <th></th> <th>SAT</th> <th>UN-SAT</th> <th>N/A</th> </tr> </thead> <tbody> <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> <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> <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> </tbody> </table>					SAT	UN-SAT	N/A	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___				
	SAT	UN-SAT	N/A																																															
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* Provide details on unsat areas by use of supplemental data sheet. ** Provide details on other areas examined			<table border="1"> <thead> <tr> <th></th> <th>SAT</th> <th>UN-SAT</th> <th>N/A</th> </tr> </thead> <tbody> <tr><td>___ <b>BOLTS, STUDS, AND WASHERS VT-1</b></td><td>___</td><td>___</td><td>___</td></tr> <tr><td>Loose Members</td><td>___</td><td>___</td><td>___</td></tr> <tr><td>Cracks</td><td>___</td><td>___</td><td>___</td></tr> <tr><td>Corrosion</td><td>___</td><td>___</td><td>___</td></tr> <tr><td>Gouges</td><td>___</td><td>___</td><td>___</td></tr> <tr><td>Thread Damage</td><td>___</td><td>___</td><td>___</td></tr> <tr><td>Deformation</td><td>___</td><td>___</td><td>___</td></tr> <tr><td>Protective Coating</td><td>___</td><td>___</td><td>___</td></tr> <tr><td>Evidence of Leakage</td><td>___</td><td>___</td><td>___</td></tr> <tr><td>Other**</td><td>___</td><td>___</td><td>___</td></tr> </tbody> </table>					SAT	UN-SAT	N/A	___ <b>BOLTS, STUDS, AND WASHERS VT-1</b>	___	___	___	Loose Members	___	___	___	Cracks	___	___	___	Corrosion	___	___	___	Gouges	___	___	___	Thread Damage	___	___	___	Deformation	___	___	___	Protective Coating	___	___	___	Evidence of Leakage	___	___	___	Other**	___	___	___
	SAT	UN-SAT	N/A																																															
___ <b>BOLTS, STUDS, AND WASHERS VT-1</b>	___	___	___																																															
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Cracks	___	___	___																																															
Corrosion	___	___	___																																															
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Protective Coating	___	___	___																																															
Evidence of Leakage	___	___	___																																															
Other**	___	___	___																																															
Comments SEE ATTACHED																																																		

*Paul H. Walker* LV III 5-5-00

ANAL REVIEW: *CGW* 5/6/00

Page 1 of 2

SHARED

FIGURE 2

## VISUAL EXAMINATION SUPPLEMENTAL DATA SHEET

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY 1	Line Number/Examination Area/Weld No. ALA1-4304 - 7		Drawing Number ALA1-4304	Sheet No.
WO/WA No.	Date (Month-Day-Year) 03-15-00	Examiner Paul Nicholas	Level II	Location OFF COLD LEG RCP "C" PLATFORM
Procedure No. FNP-0-NDE-100.21				
Revision No. 1				

VALVE →

WELD →

PIPE →

T.D.C.

#1 #2 #3 #4 #5 #6 #7,8

Comments: #1 3 7/8" LONG 1/64" - 1/32" DEEP	#5 1/4" LONG 1/64" - 1/32" DEEP
#2 3/8" LONG 1/32" DEEP	#6 2" LONG 1/64" - 1/32" DEEP
#3 3/8" LONG 1/16" - 1/32" DEEP	#7 1" LONG 1/64" DEEP
#4 1/4" LONG 1/32" - 1/64" DEEP	#8 1" LONG 1/64" DEEP

Page 2 of 2

03/18/00 13:55:19

# SHARED

FIGURE 1

FNP-0-NDE-100.21  
RTYPE: L1.09

## VISUAL EXAMINATION RECORDED VT-1

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit <b>FARLEY</b>	Line Number/Examination Area/Weld No. <i>ALA1 - 4304 - 7</i>			Drawing Number <i>ALA1 - 4304</i>	Sheet No.						
Photos <input checked="" type="checkbox"/> Yes <input type="checkbox"/> B&W <input 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 <i>WC # 20002516</i> <i>IER # 430</i>					
						Procedure No. <b>FNP-0-NDE-100.21</b>					
						Revision No. <i>1</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 checked="" type="checkbox"/> Scale <input type="checkbox"/> Micrometer <input type="checkbox"/> Caliper <input type="checkbox"/> Depth Gauge <input type="checkbox"/> Comparator <input type="checkbox"/> Weld Gauge <input checked="" type="checkbox"/> <i>CAMBRIDGE</i> <input checked="" type="checkbox"/> <i>GAUGE</i>		Examiner/Initial Sig. <i>[Signature]</i>	Level <i>II</i>				
						Examiner/Initial Sig. <i>N/A</i>	Level				
						Date (Month-Day-Year) <i>04-05-00</i>					
<input checked="" type="checkbox"/> <b>WELDS &amp; BASE MATERIAL VT-1</b>			SAT	UN-SAT	N/A	<input type="checkbox"/> <b>BOLTS, STUDS, AND WASHERS VT-1</b>			SAT	UN-SAT	N/A
Ground Blend Material			—	—	—	Loose Members			—	—	—
Undercut			—	—	—	Cracks			—	—	—
Corrosion build-Up			—	—	—	Corrosion			—	—	—
Gouges			—	—	—	Gouges			—	—	—
Evidence of Leakage			—	—	—	Thread Damage			—	—	—
Arc Strikes			—	—	—	Deformation			—	—	—
Cracks			—	—	—	Protective Coating			—	—	—
Other **			—	—	—	Evidence of Leakage			—	—	—
			—	—	—	Other**			—	—	—

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

\*\* Provide details on other areas examined

Comments *SEE ATTACHED*

*Barry L. Loftis*    *LU III - 5:5-00*

*ANTI REVIEW: CFW and 5/6/00*

SHARED

FIGURE 2

## VISUAL EXAMINATION SUPPLEMENTAL DATA SHEET

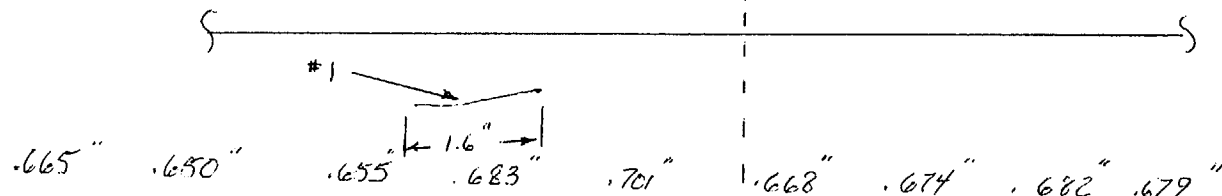
FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY 1	Line Number/Examination Area/Weld No. ALA1-4304 - 7	Drawing Number ALA1-4304	Sheet No.	
WO/WA No. 1ER #430	Date (Month-Day-Year) 04-05-00	Examiner P. H. Sullivan	Level II	Location OFF COLD LEG REP "C" PLATFORM
Procedure No. FNP-0-NDE-100.21				
Revision No. 1				

VALVE →

T.D.C



PIPE →

Comments: #1 GAUGE 1/64" DEPTH AND 1.6" LONG

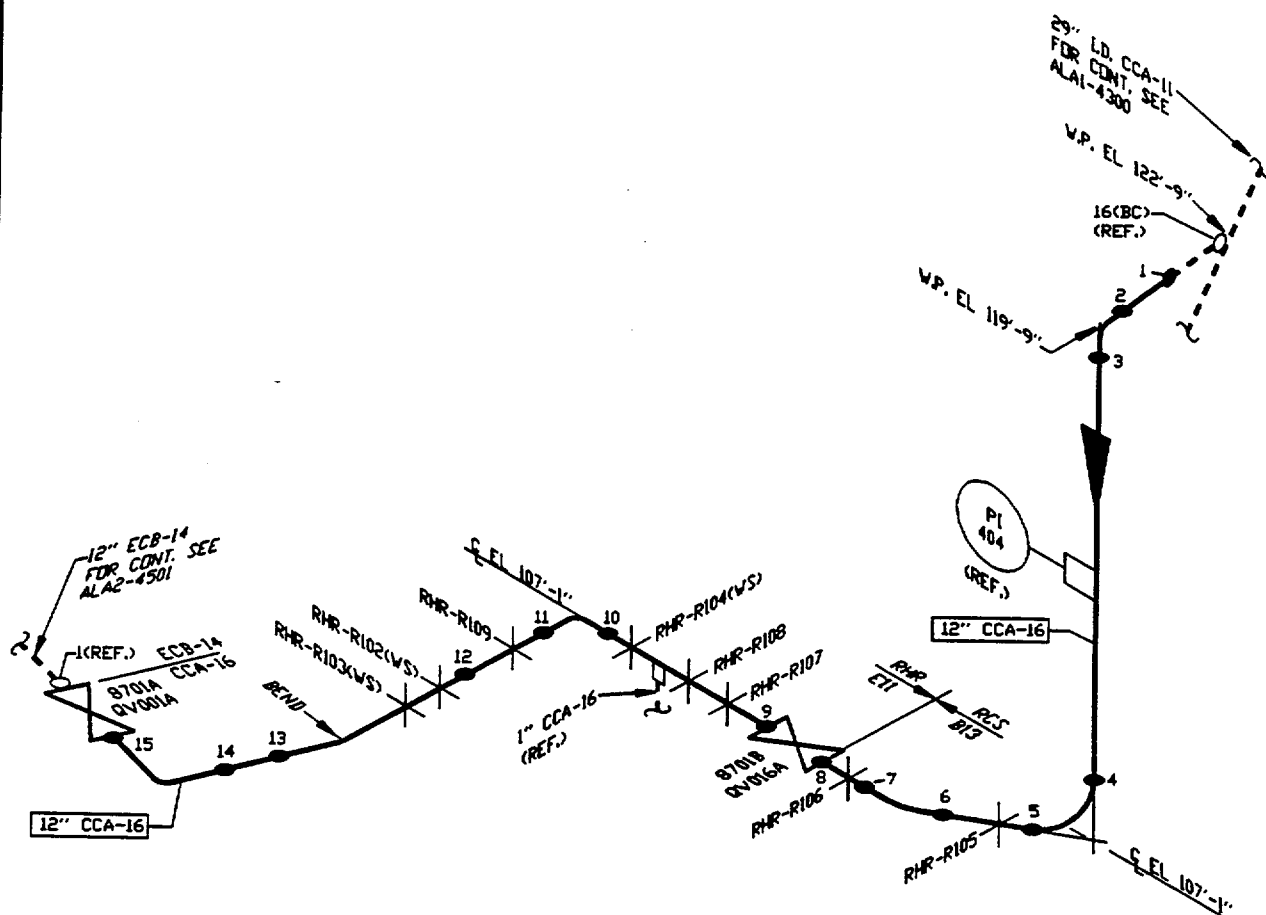
NOTE: PREVIOUS GAUGES #1 THROUGH #8 BUFFED. #1 WHICH WAS 3 7/8" LONG IS NOW 1.6" LONG - ALL OTHER GAUGES WERE COMPLETELY REMOVED. THICKNESS READINGS WERE TAKEN EVERY INCH ALONG BUFFED AREA. MINIMUM THICKNESS OBSERVED WAS RECORDED.

REF NO 20002516

Page \_\_\_\_ of \_\_\_\_

## CLASS 1 - VALVE BODIES

LOOP 3



VALVE BOLTING (SEE ALAI-6300 SH. 2)

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	

SHEET	REV.
-------	------

43

**1**

10/15/99 4:51

SHADED

FNP-0 3-100.23  
RTYPE: L1.09

FIGURE 1

## SUPPORT EXAMINATION RECORD VT-3

FARLEY NUCLEAR PLANT

ALAI-430-QV016A

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit <b>FARLEY / 1</b>		Line Number/Examination Area/Weld No. <b>Q1E11MOV8701B</b>				Drawing Number <b>N/A</b>		Sheet No. <b>N/A</b>							
<b>Photos</b> ___ Yes ___ B&W <b>X</b> No ___ Color		<b>Sketch</b> ___ Yes <b>X</b> No	<b>Resolution</b> <b>X</b> 1/32" Division (Scale) ___ 1/32" Line (Gray Card)	<b>Technique</b> <b>X</b> Direct ___ Video ___ Remote		<b>WO/WA</b> <b>20002730</b> <b>Procedure No.</b> <b>FNP-0-NDE-100.23</b> <b>Revision No.</b> <b>3</b> <b>Examiner/Initial</b> <b>MIXON</b> <b>Sig.</b> <i>[Signature]</i> <b>Level</b> <b>II</b> <b>Examiner/Initial</b> <b>N/A</b> <b>Level</b> <b>Sig.</b> <b>Date (Month-Day-Year)</b> <b>4-14-00</b>									
<b>Equipment</b> <b>X</b> Mirror ___ Magnifier ___ CCTV		<b>Lighting</b> ___ Ambient <b>X</b> Flashlight ___ Droplight	<b>Tools</b> <b>X</b> Scale ___ Micrometer ___ Caliper <b>X</b> Depth Gauge ___ Comparator ___ Weld Gauge <b>TAPE</b>												
<b>N/A</b> <b>SNUBBERS VT-3</b> Loose Bolt or Pin Connections Shaft Seal Fluid Leakage Fluid Tubing Condition Shaft Cleanliness Spherical Bearings Cotter & Clevis Pins Intact Other**			<b>SAT</b> ___ ___ ___ ___ ___ ___ ___	<b>UN-SAT</b> ___ ___ ___ ___ ___ ___ ___	<b>N/A</b> ___ ___ ___ ___ ___ ___ ___	<b>✓</b> <b>COMP. INTERNALS &amp; MAT'L SURFACE VT-3</b> Pitting Corrosion Erosion Foreign Material Gouged Parts Wear Evidence of Leakage Other Cracks**		<b>SAT</b> ✓ ✓ ✓ ✓ ✓ ___ ___	<b>UN-SAT</b> ___ ___ ___ ___ ___ ___ ___	<b>N/A</b> ___ ___ ___ ___ ___ ✓ ✓	<b>N/A</b> <b>HANGER &amp; SUPPORTS VT-3</b> Setting: Hot ___ Cold ___ Misalignment Damaged Members Gouges Arc Strikes Grind Marks Freedom of Movement Other**		<b>SAT</b> ___ ___ ___ ___ ___ ___ ___	<b>UN-SAT</b> ___ ___ ___ ___ ___ ___ ___	<b>N/A</b> ___ ___ ___ ___ ___ ___ ___
* Provide details on unsat areas by use of supplemental data sheet. ** Provide details on other areas examined.															
<b>Comments</b> <b>EXAMINATION PERFORMED ON NORMALLY ACCESSIBLE INTERNAL PRESSURE BOUNDARY SURFACES. NO RECORDABLE INDICATIONS NOTED AT TIME OF EXAMINATION.</b> <i>[Signature]</i> <b>5-7-00</b>										<b>AND REVIEW:</b> <i>[Signature]</i> <b>5/8/00</b>					

**NO EXAMINATIONS SCHEDULED THIS OUTAGE**

# **CLASS 1 SYSTEM LEAKAGE TEST**

SHARED

FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY FARLEY UNIT 1	Data Package FNP-1-SOP-1.4	Drawing Number NONE
WO/WA No. NONE	System Boundaries ALL REACTOR COOLANT SYSTEM PRESSURE BOUNDARIES WERE	
Procedure No. FNP-0-NDE-100.22	EXAMINED WHILE THE SYSTEM WAS AT 2235 PSIG AND 547° F	
Revision No. 2		
Examiner <i>MIXON, [Signature]</i>	Level II	
Examiner <i>Scott R. Erickson</i>	Level II	
Examiner <i>Maia J. Hill</i>	Level II	
Examiner <i>Bill Ash</i>	Level II	
Examiner <i>Thom [Signature]</i>	Level II	
Date (Month-Day-Year) May 21, 2000		
SKETCH		
Examination (Per Para. 7.5)		
<input checked="" type="checkbox"/> Sat <input checked="" type="checkbox"/> *Unsat    All UNSAT areas evaluated or repaired. Final disposition for all areas is SAT.		
*Provide details on unsat areas: Q1E21V0016A, Q1E21V0016B, Q1E21V0063, Q1E21V0068, Q1E21V0072 – light dry boron build-up on valve stem; evaluated to be		
satisfactory. Q1E11V0044 – light dry intermittent boron build-up on body to bonnet gasket. No bolting affected; evaluated to be satisfactory. Seal table – 2 tubes		
(N8, M3) with dry boron around fittings, 3 tubes (H13, L14, E5) with water standing on the fitting, no drops falling; all evaluated as satisfactory. Q1E21V0368 –		
packing wet but not dripping; packing adjusted, moisture dried up and did not return. Q1E21V0529B – pipe cap leak; pipe cap resealed, leak stopped. Transmitter		
Q1E21LT0922 – leaking; plug tightened, leak stopped. Q1E21V0416B – pipe cap leak; pipe cap resealed, leak stopped.		
Comments		

TO: DOCUMENT CONTROL

SUBJECT: Leakage from FNP-1 seal table tubes E5, L14, and H13 following the RCS leakage test

References: FNP-1-SOP-1.4

1. DESCRIPTION OF PROBLEM: When performing the RCS leak test during the startup of Unit 1 following 1R16, a small amount of water was found on the seal table in the vicinity of incore tubes E5, L14, and H13. A small amount of dry boron was noted around tubes N-8 and M-3. The inspectors noted that a very small puddle of water collected around tube E5, L14, and H13 and that no water was running off the table.

2. EVALUATION PERFORMED: Maintenance personnel recommend that no more tightening of the compression fittings, which form the pressure boundary between the flux thimble assembly and the thimble guide tube, be accomplished. The area around the three tubes was cleaned and dried. Upon reexamination after a significant amount of time had passed, the volume of water present had not increased; therefore, the leak is not becoming worse. The current leak rate is slight and is a very small fraction of the allowable RCS Technical Specification leakage. The leakage is less than the 2 drops/minute allowable, for each thimble tube, indicated in the SCS response to REA98-1915 (letter #FP 99-0224).

The seal table is made of stainless steel, which is resistant to boric acid attack. If a sufficient quantity of water collects on the table, it will flow into the provided drain holes and subsequently into the containment sump. This collection process will prevent damage to any susceptible materials that may be in the area.

3. CONCLUSION: This amount of leakage is negligible in terms of component damage and operational effects. The seal table and incore tubes should be capable of performing the intended safety function during the next operating cycle.

Charles W. Dean 5/21/00  
Prepared by

David Hattler 5/21/00  
Reviewed/Approved by

02/28/00 07:55:50

SHARED

FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

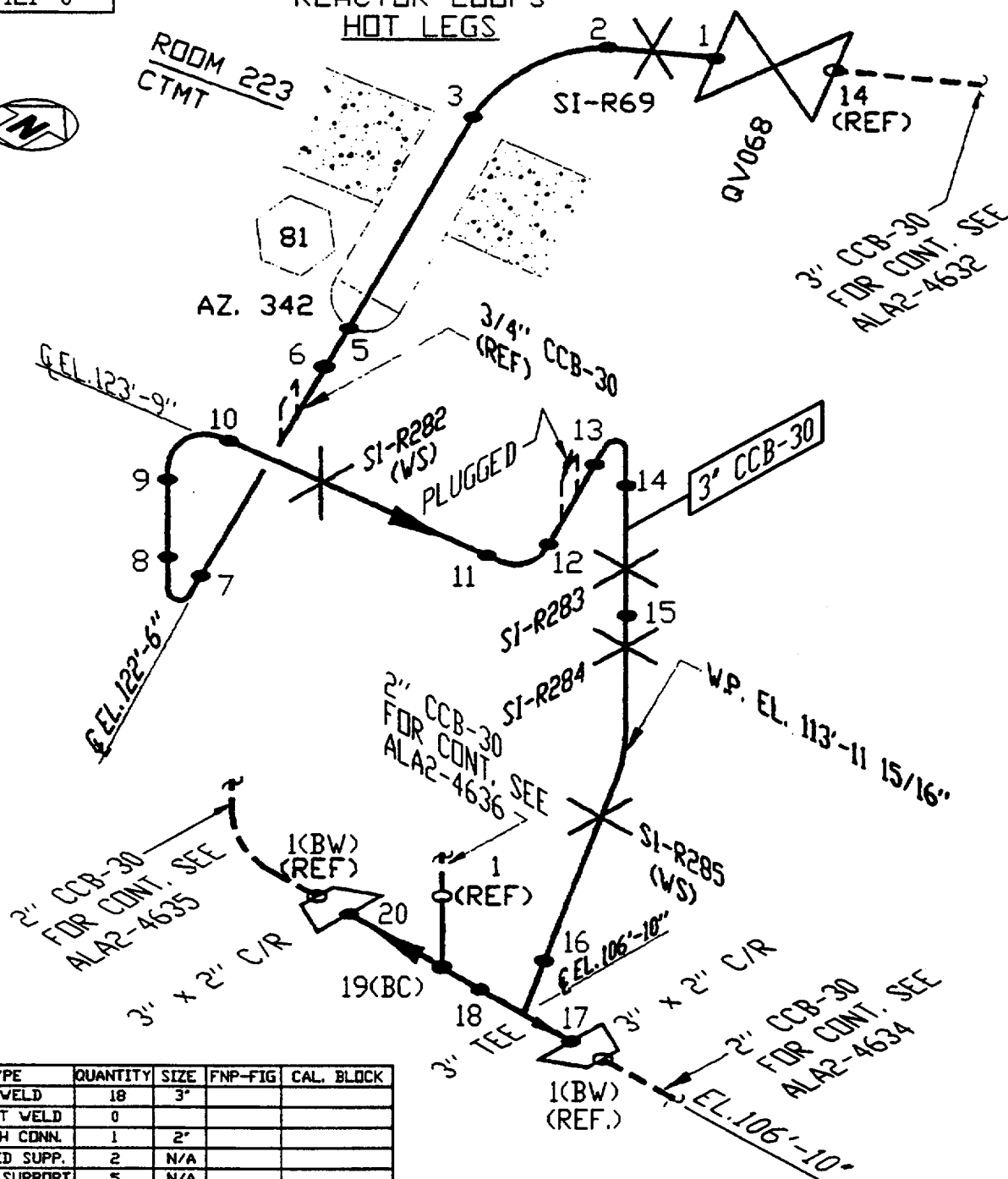
FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package 2"/3" CCB-30	Drawing Number ALA2-4633, 4634, 4635, 4636
WO/WA No. N/A		System Boundaries  examined areas between Q1EZ1V068 and check values Q1EZ1V078 A, B & C	
Procedure No. FNP-0-NDE-100.22			
Revision No. 2			
Examiner Manfred Hill	Level II		
Examiner Scott R. Erickson	Level II		
Date (Month-Day-Year) 05-21-00			
SKETCH			
		Note: System in operation in excess of 4 hrs @ NOP/NOT per Unit 1 Control room.	
Examination (Per Para. 7.5) _____ Sat <input checked="" type="checkbox"/> *Unsat ①			
*Provide details on unsat areas LIGHT DRY BORON BUILD-UP ON STEM OF QV068 ON ALA2-4633			
① Sat per Engineering evaluation attached			
Comments AUX BLDG. PORTION OF RR-30 SEGMENT 1 EXAMINED BY SCOTT R. ERICKSON SRE 5-21-00			
Containment portion examined by M. Girell no leakage noted in CTMT ALN 5-21-00			

CTMT/  
AUXILIARY  
EL. 121'-0"HIGH HEAD SAFETY INJECTION  
REACTOR LOOPS  
HOT LEGS

ALA2-4633



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	18	3"		
SOCKET WELD	0			
BRANCH CONN.	1	2"		
WELDED SUPP.	2	N/A		
COMP. SUPPORT	5	N/A		

LINE NUMBER: Q-1-E21-CCB-30

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-514520 SH. 1

LINE SIZE: 3" CCB-30

D-514717 SH. 1

0	3-26-98	DRW	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4

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

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

198

0

CAD LA24633

ACAD/IVY RAV-01

CTMT  
EL. 105'-6"2" HIGH HEAD SAFETY INJECTION  
HOT LEG  
LOOP 1

ALA2-4634

2" CCA-29  
FOR CONT. SEE  
ALA1-4103QV078A  
(REF.)28  
(REF.)

SS-1983

CCA  
CCB

EL. 121'-6"

EL. 114'-3 1/2"

SS-1982

QV0718

2" CCB-30

FE  
985

SS-1982

3" x 2" C/R  
(REF.)3" CCB-30  
FOR CONT. SEE  
ALA2-4633SK1-28  
SK1-1

1(BW)

EL. 106'-10"

3/4" CCB-30  
(REF.)

TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	3	2"		
LONG SEAM WELD				
SOCKET WELD	13	2"		
WELDED SUPP.	0	N/A		
COMP. SUPPORT	2	N/A		

LINE NUMBER: Q-1-E21-CCB-30

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-518121 SH. 2

LINE SIZE: 2" CCB-30

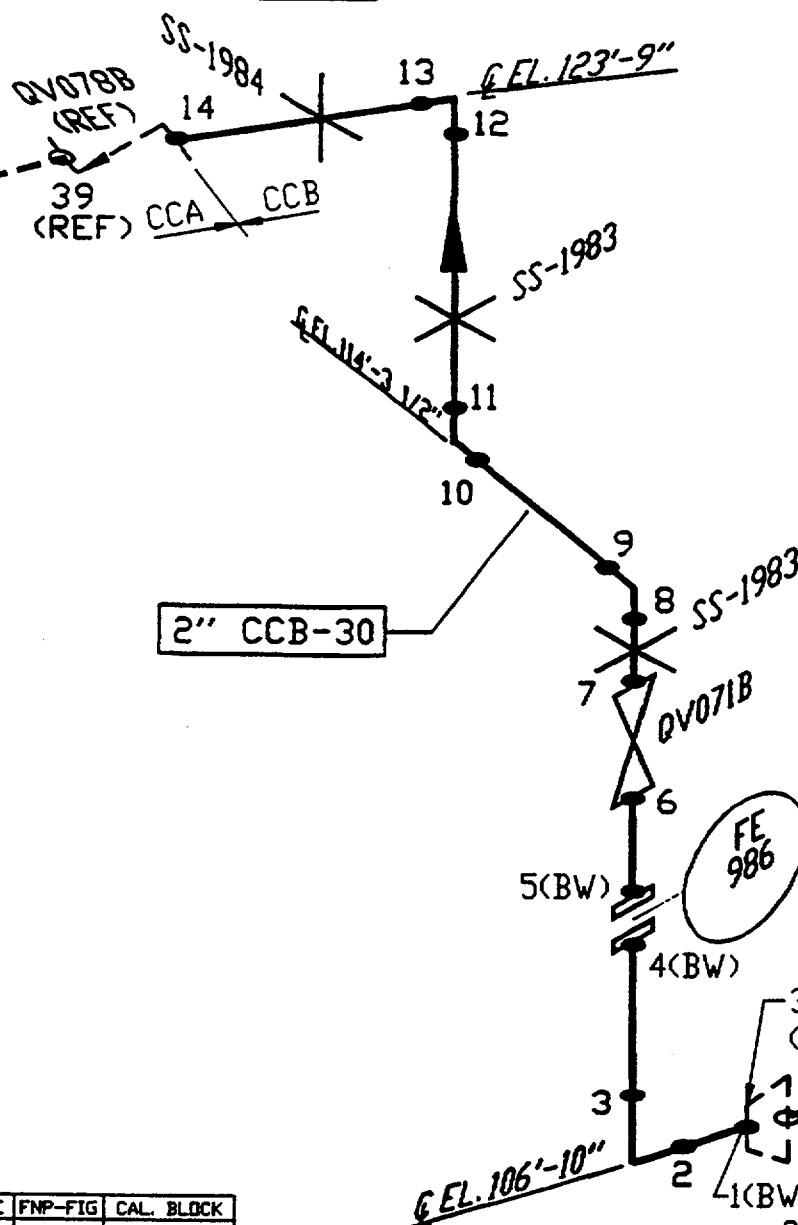
0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG	REV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for					E21-HIGH HEAD SAFETY INJECTION SYSTEM			
ALABAMA POWER COMPANY JOSEPH M. FARLEY NUCLEAR PLANT UNIT 1					SCS DRAWING NUMBER		SHEET	REV.
					A-351192		199	0

CAD LA24634  
ACAD/DEV RAV-01

CTMT  
EL. 105'-6"2" HIGH HEAD SAFETY INJECTION  
HOT LEG  
LOOP 3

ALA2-4635

2" CCA-30  
FOR CONT. SEE  
ALA1-42043" x 2" C/R  
(REF.)  
3" CCB-30  
FOR CONT. SEE  
ALA2-4633

TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	3	2"		
LONG SEAM WELD				
SOCKET WELD	11	2"		
WELDED SUPP.	0	N/A		
COMP. SUPPORT	2	N/A		

LINE NUMBER: Q-1-E21-CCB-30

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-518118 SH. 2

LINE SIZE: 2" CCB-30

0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG	DEFV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

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

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

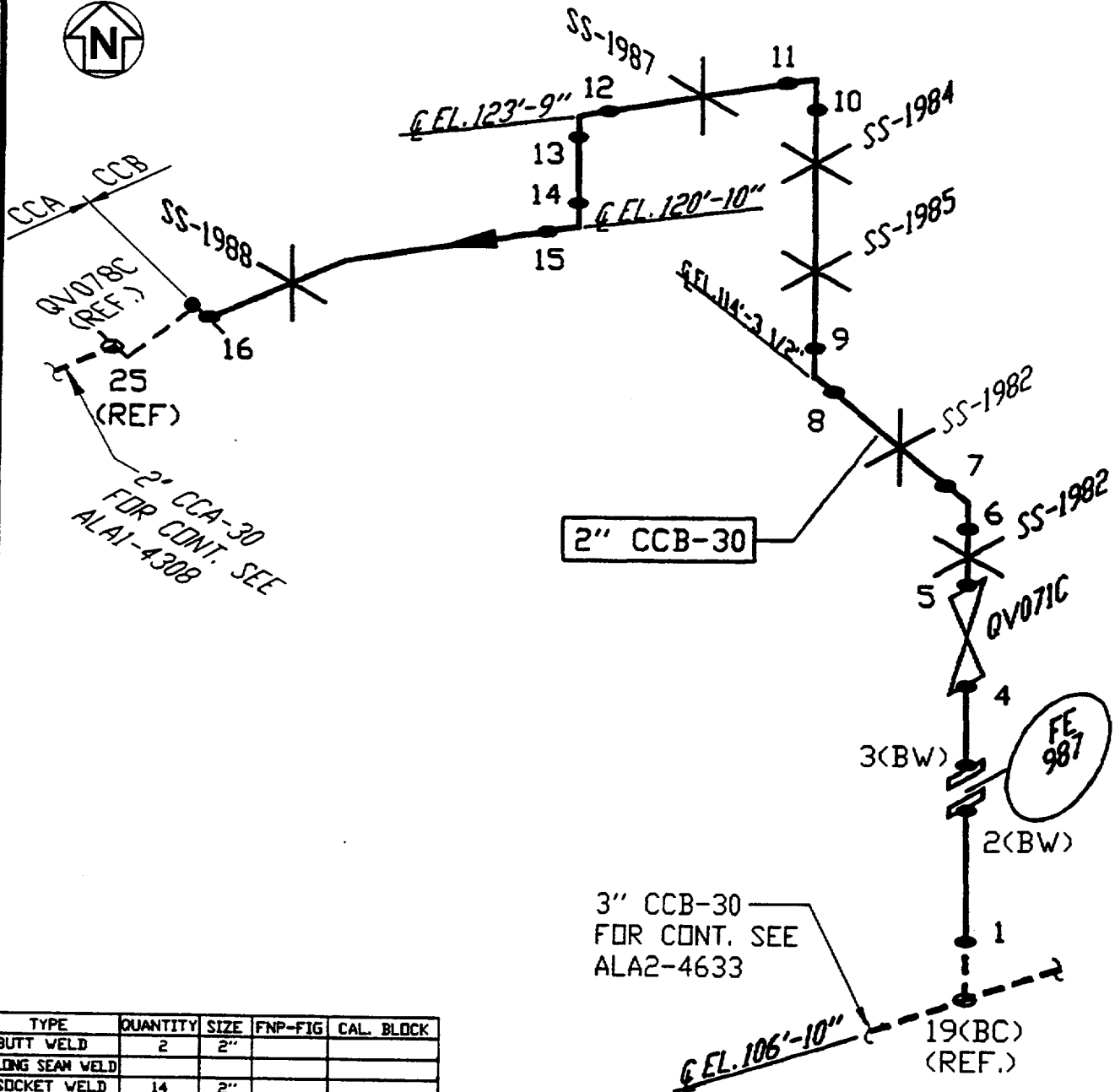
200

0

CAD L24635  
ACADVY RAV-01

CTMT  
EL. 105'-6"2" HIGH HEAD SAFETY INJECTION  
HOT LEG  
LOOP 3

ALA2-4636



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	2	2"		
LONG SEAM WELD				
SOCKET WELD	14	2"		
WELDED SUPP.	0	N/A		
COMP. SUPPORT	5	N/A		

LINE NUMBER: Q-1-E21-CCB-30

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-518129 SH. 2

LINE SIZE: 2" CCB-30

0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG	REV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

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

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

201

0

CAD LA24636  
ACADSVY RAV-01

Leakage Bolt Evaluation  
per Relief Request RR-23 and Generic Bolting Evaluation

<b>Equipment Number:</b>	<b>Q1E21V068</b>
Work Order Number:	NA
Item Description:	Charging Pump Recirc. to RCS Hot Legs
Manufacturer/Model	Velan Valve Corporation/ 3-GM78FNW
Vendor Drawing Number:	U264635
Bolting/ Nut Material:	ASME SA-453 GR.660/ ASME SA-193 GR.6(410)
Valve Body Material:	ASME SA-182 GR. F316
Valve Repair Procedure Number:	
Thread Sealant Type:	Fel-Pro N-5000
Description/ Location of Leakage	Light dry boron build-up on valve stem.
Inspection Procedure/ Frequency:	* VT-2 examination once every 40-month ISI period * General Walkdown for Boron Leakage performed each refueling outage
Leakage/Repair History of Connection:	* WO 171481 04/18/88 Yoke loose. Set screws removed and replaced with new ones. * Numerous packing leaks and problems.
Service Age of Bolting:	Set screws replaced on 04/18/88 per WO 171481.
<b>Results of Visual Exam:</b>	
Are any bolts corroded by boric acid attack?	The visual examination found the bolts in satisfactory condition with no signs of degradation on any bolts.
Is the valve/bolt interface corroded by boric acid attack?	The visual examination found the valve in satisfactory condition with no signs of corrosion on the valve/bolt interfaces.
<b>Bolting Evaluation:</b>	The bolt and valve material are resistant to boric acid attack. A visual examination performed on 05/21/00 found no signs of pitting, corrosion, or erosion on the bolting or valve flange. Based on this evaluation this bolted connection is considered satisfactory for continued service.
Disposition of Leak:	Acceptable per evaluation. This is a packing leak which is not coming into contact with any bolting.
<b>Prepared by:</b>	<i>Robert W. Dean</i> 5/21/00 Signature Date
<b>Reviewed/Approved by:</b>	<i>David D. Hall</i> 5/21/00 Signature Date

02/28/00 07:55:50

SHARED

FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

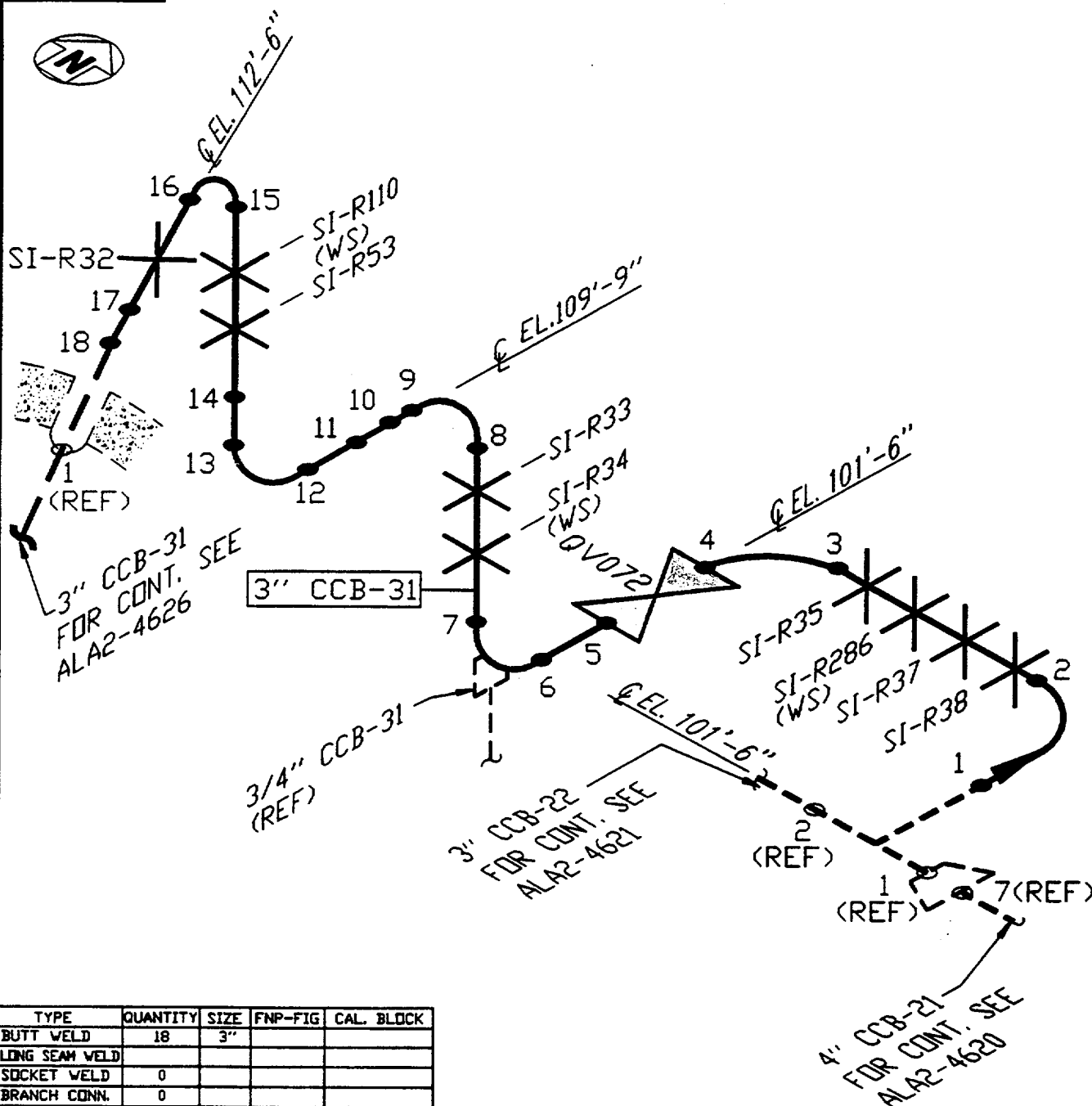
SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package 2/3" CC13-31	Drawing Number ALA2-4625, 4626, 4627, 4628, 4629
WO/WA No. N/A		System Boundaries  EXAMINED FROM Q1E21V072 TO Q1E21V079 A,B,&C	
Procedure No. FNP-0-NDE-100.22			
Revision No. 2			
Examiner Manfred Hill	Level III		
Examiner Scott R. Erickson	Level II		
Date (Month-Day-Year) 05-21-00			
SKETCH			
		Note: System in operation in excess of 4 hrs per Unit 1 Control room.	
Examination (Per Para. 7.5) _____ Sat <input checked="" type="checkbox"/> *Unsat ①			
*Provide details on unsat areas LIGHT DRY BORDN BUILD-UP ON STEM OF QV072 ON ALA2-4625			
① Sat per attached engineering evaluation.			
Comments AUX. BLDG. PORTION OF RR-30 SEGMENT 2 EXAMINED BY SCOTT R. ERICKSON SPE 5-21-00			
CONTAINMENT PORTION EXAM BY M. GRELL No leakage noted @ time of exam MAY 5-21-00			

AUXILIARY  
EL. 100'-0"  
ROOM 184

## HIGH HEAD SAFETY INJECTION

ALA2-4625



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	18	3"		
LONG SEAM WELD				
SOCKET WELD	0			
BRANCH CONN.	0			
WELDED SUPP.	3	N/A		
COMP. SUPPORT	9	N/A		

LINE NUMBER: Q-1-E21-CCB-31

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-514397 SH. 1

LINE SIZE: 3" CCB-31

0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG	REV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

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

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

190

0

CAD LA24625  
JLB-02  
AUTOCAD

CTMT  
EL. 105'-6"

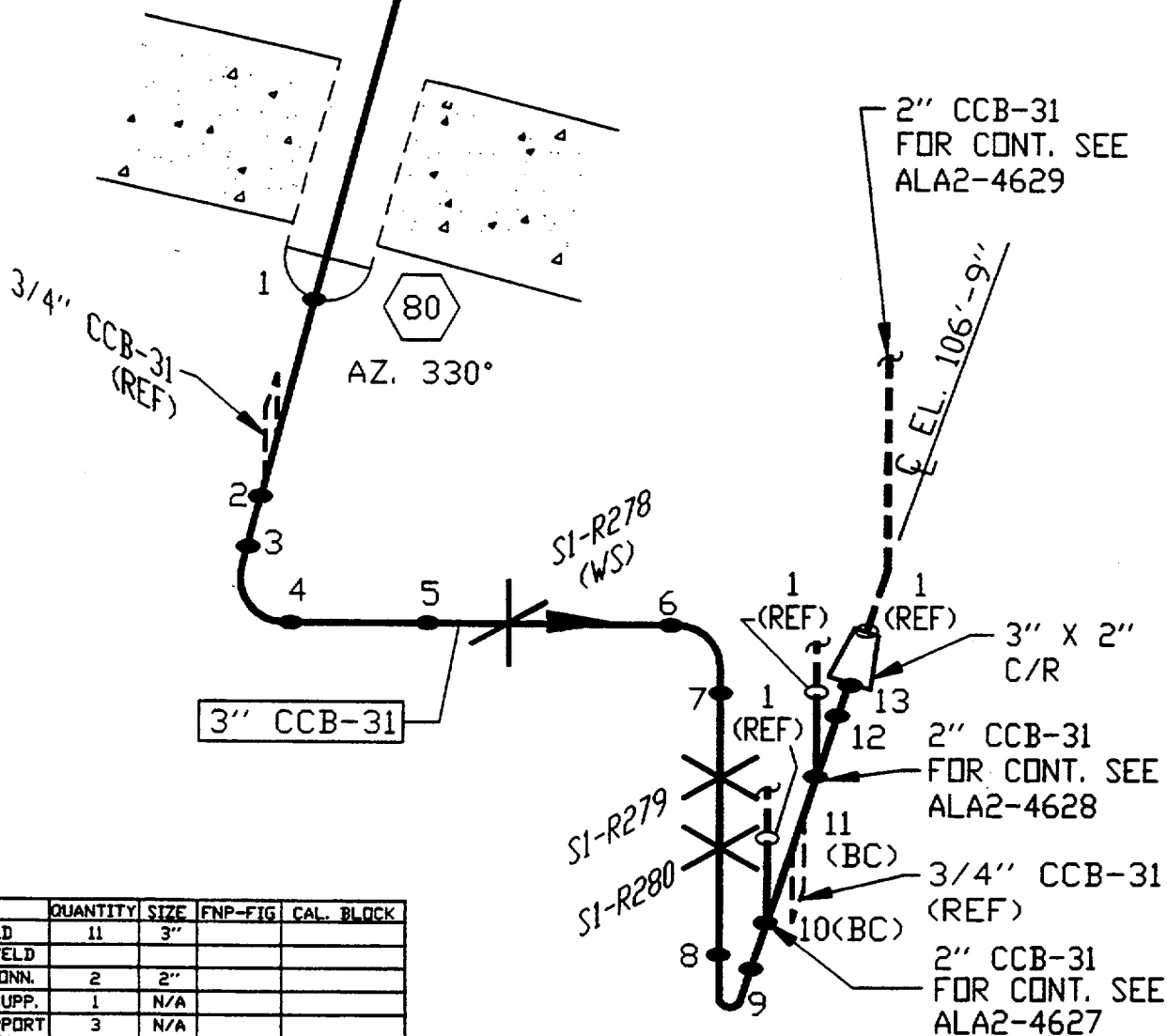
ALA2-4626



3" CCB-31  
FOR CONT. SEE  
ALA2-4625

EL. 112'-6"

18  
(REF)

HHSI PUMP DISCHARGE  
TO REACTOR LOOPS

TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	11	3"		
SOCKET WELD				
BRANCH CONN.	2	2"		
WELDED SUPP.	1	N/A		
COMP. SUPPORT	3	N/A		

LINE NUMBER: Q-1-E21-CCB-31

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-514717 SH. 1

LINE SIZE: 3" CCB-31

0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4

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

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

191

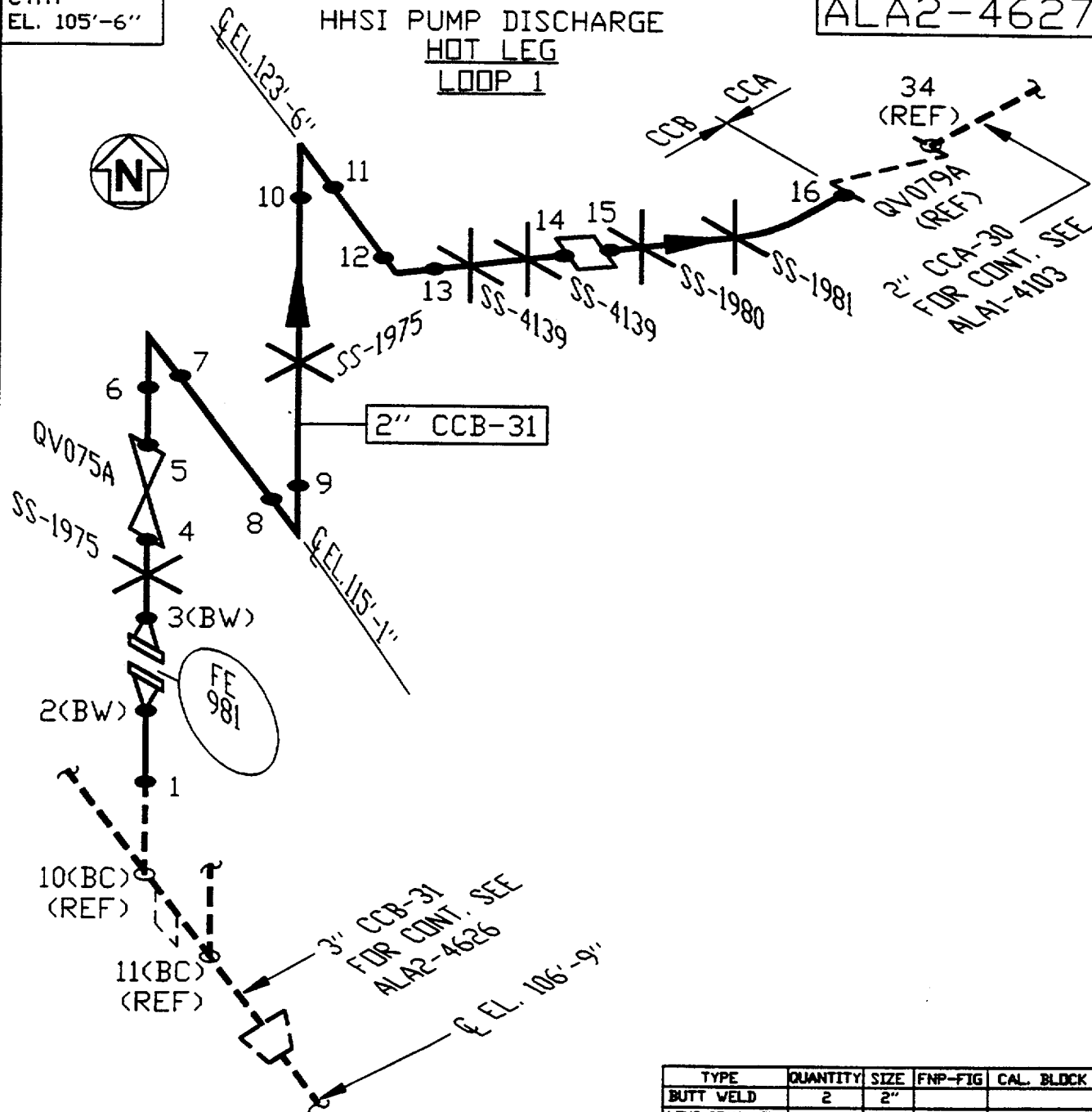
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CAD LA24626  
AUTOCAD JLB-02

CTMT  
EL. 105'-6"

HHSI PUMP DISCHARGE  
HOT LEG  
LOOP 1

ALA2-4627



TYPE	QUANTITY	SIZE	FN-P-FIG	CAL. BLOCK
BUTT WELD	2	2"		
LONG SEAM WELD				
SOCKET WELD	14	2"		
BRANCH CONN.	0			
WELDED SUPP.	0			
COMP. SUPPORT	4	N/A		

LINE NUMBER: Q-1-E21-CCB-31	BOUNDARY DIAGRAM D-351115 SH. 1
LINE SIZE: 2" CCB-31	REFERENCE ISO'S D-518136 SH. 2

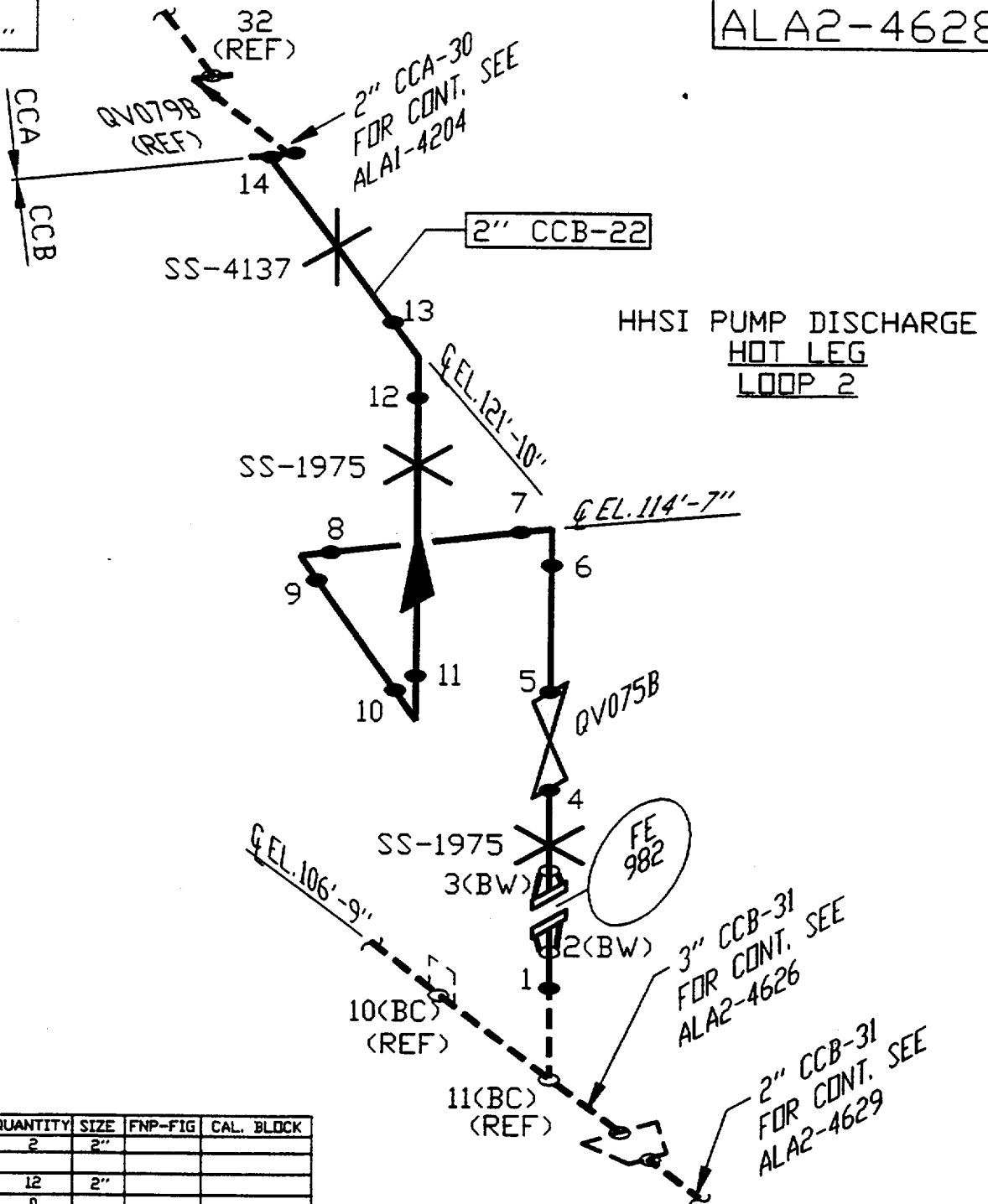
0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG	REV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for					E21-HIGH HEAD SAFETY INJECTION SYSTEM				
ALABAMA POWER COMPANY JOSEPH M. FARLEY NUCLEAR PLANT UNIT 1					SCS DRAWING NUMBER			SHEET	REV.
					A-351192			192	0

CAD: LA24627  
AUTOCAD JLB-2

CTMT  
EL. 105'-6"

ALA2-4628



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	2	2"		
LONG SEAM WELD				
SOCKET WELD	12	2"		
BRANCH CONN.	0			
WELDED SUPP.	0			
COMP. SUPPORT	2	N/A		

LINE NUMBER: Q-1-E21-CCB-22

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-518133 SH. 2

LINE SIZE: 2" CCB-22

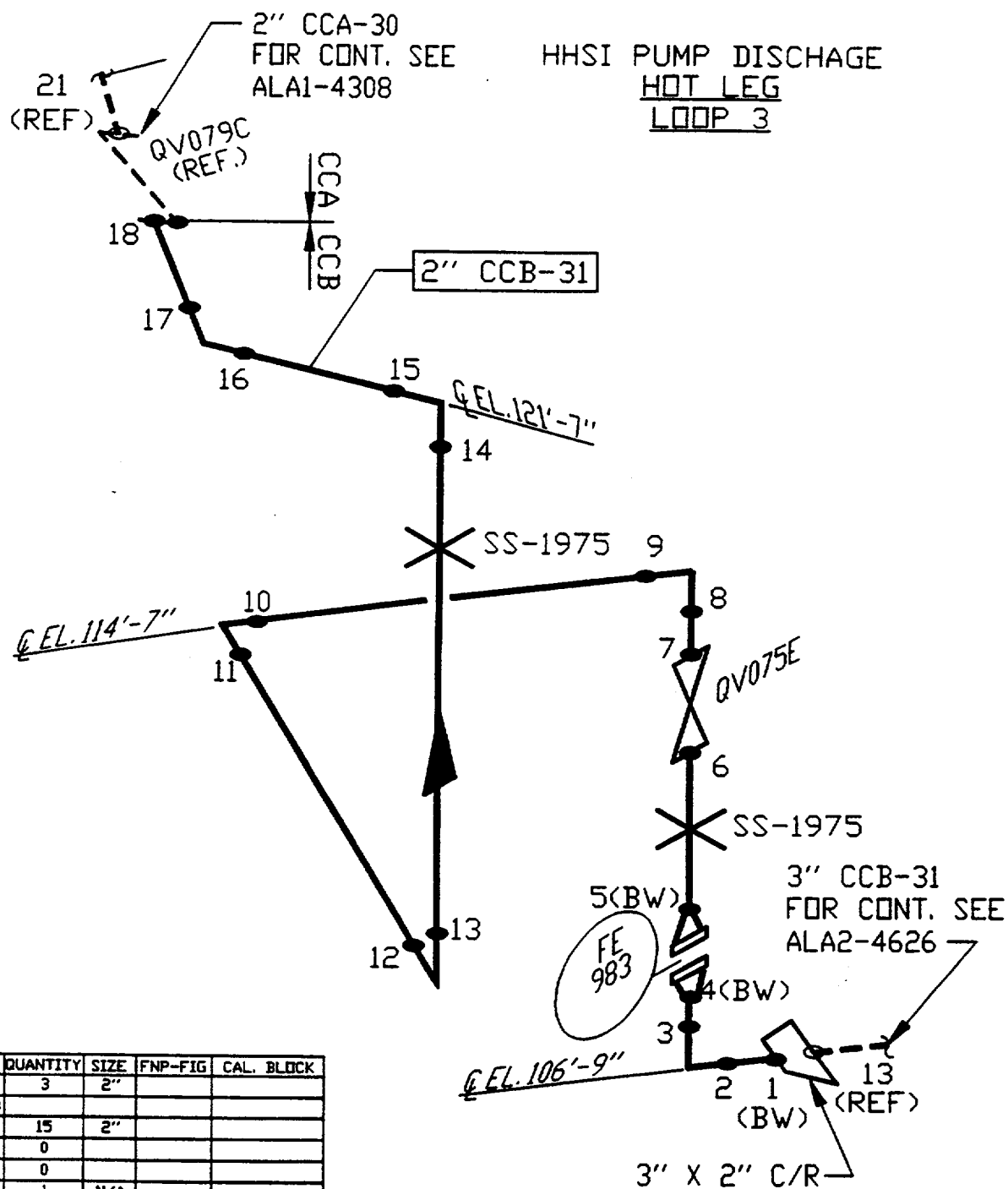
0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG	REV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for					E21-HIGH HEAD SAFETY INJECTION SYSTEM			
ALABAMA POWER COMPANY					SCS DRAWING NUMBER		SHEET	REV.
JOSEPH M. FARLEY NUCLEAR PLANT					A-351192		193	0
UNIT 1								

 CAD LA24628  
 AUTOCAD JLB-02

CTMT  
EL. 105'-6"

ALA2-4629



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	3	2"		
LONG SEAM WELD				
SOCKET WELD	15	2"		
BRANCH CONN.	0			
WELDED SUPP.	0			
COMP. SUPPORT	1	N/A		

LINE NUMBER: Q-1-E21-CCB-31

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-518130 SH. 2

LINE SIZE: 2" CCB-31

0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG	REV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

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

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

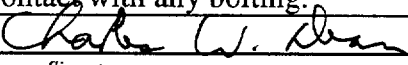
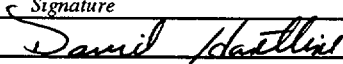
A-351192

194

0

CAD L24629  
AUTOCAD JLB-02

Leakage Bolt Evaluation  
per Relief Request RR-23 and Generic Bolting Evaluation

<b>Equipment Number:</b>	<b>Q1E21V072</b>	
Work Order Number:	NA	
Item Description:	Charging Pump Recirc. to RCS Hot Legs	
Manufacturer/Model	Velan Valve Corporation/ 3-GM78FNW	
Vendor Drawing Number:	U264635	
Bolting/ Nut Material:	ASME SA-453 GR.660/ ASME SA-193 GR.6(410)	
Valve Body Material:	ASME SA-182 GR. F316	
Valve Repair Procedure Number:		
Thread Sealant Type:	Fel-Pro N-5000	
Description/ Location of Leakage	Light dry boron build-up on valve stem.	
Inspection Procedure/ Frequency:	* VT-2 examination once every 40-month ISI period * General Walkdown for Boron Leakage performed each refueling outage	
Leakage/Repair History of Connection:	* WO 171451 04/06/88 Yoke loose. Set screws removed, inspected and replaced with new screws. * Numerous packing problems and leakage.	
Service Age of Bolting:	Set screws replaced on 04/06/88 per WO 171451.	
<b>Results of Visual Exam:</b>		
Are any bolts corroded by boric acid attack?	The visual examination found the bolts in satisfactory condition with no signs of degradation on any bolts.	
Is the valve/bolt interface corroded by boric acid attack?	The visual examination found the valve in satisfactory condition with no signs of corrosion on the valve/bolt interfaces.	
<b>Bolting Evaluation:</b>	The bolt and valve material are resistant to boric acid attack. A visual examination performed on 05/21/00 found no signs of pitting, corrosion, or erosion on the bolting or valve flange. Based on this evaluation this bolted connection is considered satisfactory for continued service.	
Disposition of Leak:	Acceptable per evaluation. This is a packing leak which is not coming into contact with any bolting.	
Prepared by:	 Signature	5/21/00 Date
Reviewed/Approved by:	 Signature	5/21/00 Date

02/28/00 07:55:50

SHARED

FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

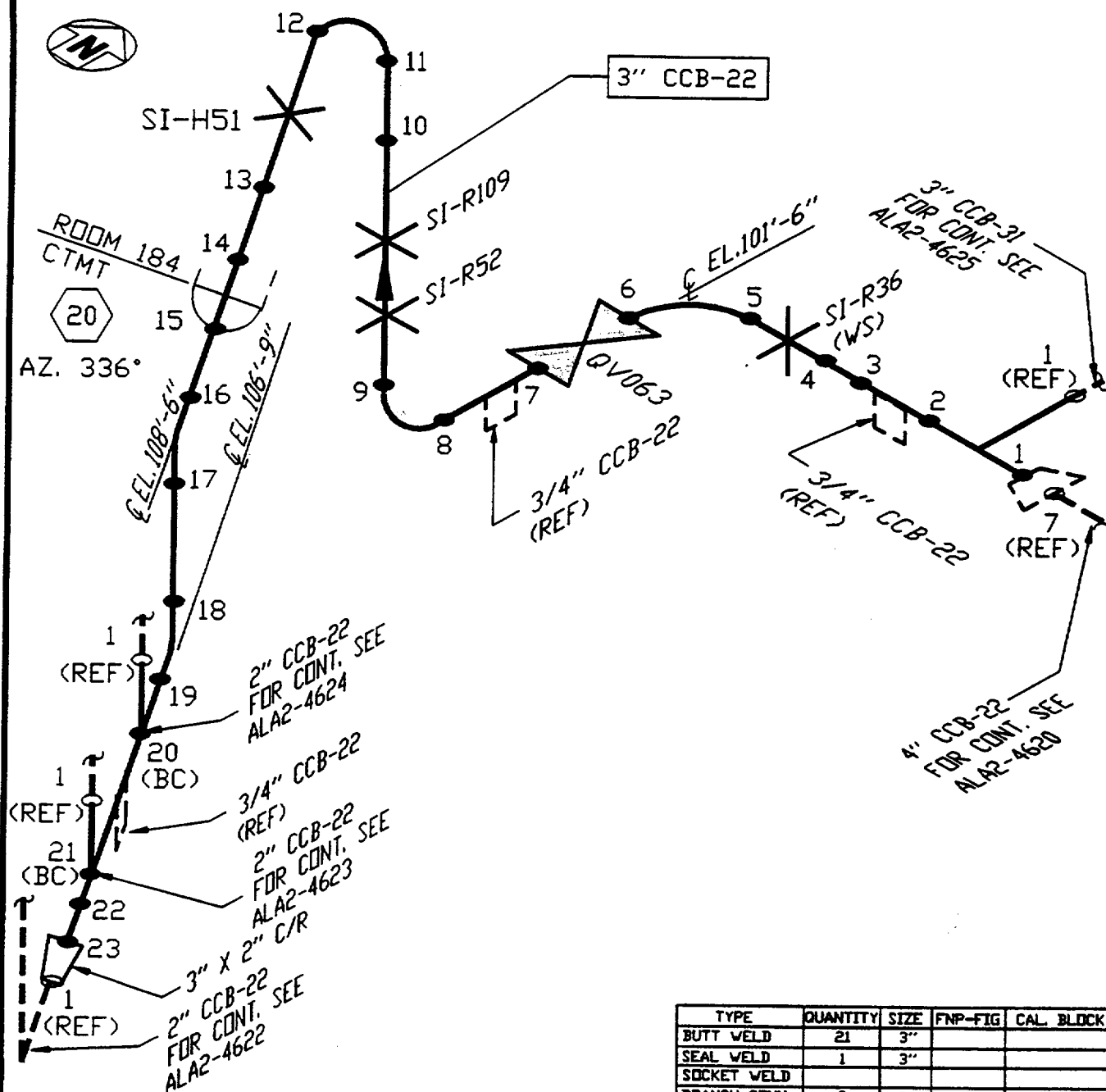
FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package 2"/3" CCB-22	Drawing Number ALA2-4621, 4622, 4623, 4624
WO/WA No. N/A		System Boundaries  Q1E21V063 TO Q1E21V066C, B, & A	
Procedure No. FNP-0-NDE-100.22			
Revision No. 2			
Examiner Manfred Hill	Level		
Examiner Scott R. Erickson	Level II		
Date (Month-Day-Year) 05-21-00			
SKETCH			
		Note: system in operation in excess of 4hrs @ NOP/NOT PER UNIT 1 Control room.	
Examination (Per Para. 7.5) _____ Sat <input checked="" type="checkbox"/> *Unsat ①			
*Provide details on unsat areas LIGHT DRY BDRON BUILD-UP ON STEM OF QVD63 ON ALA2-4621			
① Sat per engineering evaluation attached			
Comments AUX. BLDG. PORTION OF RR-30 SEGMENT 3 EXAMINED BY SCOTT R. ERICKSON SRE 5-21-00			
CTMT Portion examined by M. Grell. No leakage noted in CTMT 5/21/00			

AUXILIARY  
EL. 100'-0"HIGH HEAD SAFETY INJECTION  
TO REACTOR LOOPS

ALA2-4621



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	21	3"		
SEAL WELD	1	3"		
SOCKET WELD				
BRANCH CONN.	2	2"		
WELDED SUPP.	1	N/A		
COMP. SUPPORT	4	N/A		

LINE NUMBER: Q-1-E21-CCB-22

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-514397 SH. 1

LINE SIZE: 3" CCB-22

D-514717 SH. 1

0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG	REV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

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

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

186

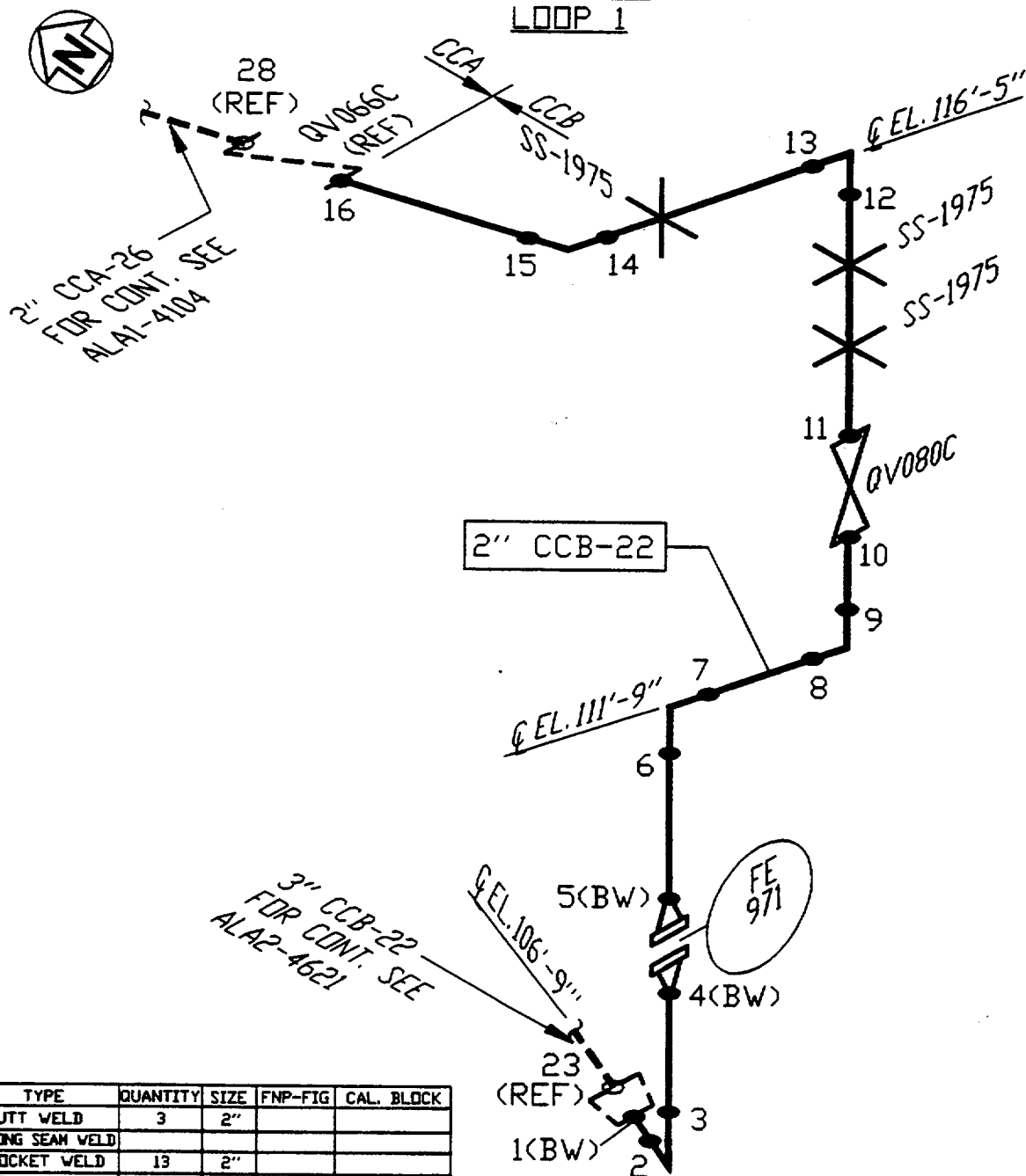
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CAD LA24621  
AUTOCAD JLB-02

CTMT  
EL. 105'-6"

2" HIGH HEAD SAFETY INJECTION

ALA2-4622

COLD LEG  
LOOP 1

TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	3	2"		
LONG SEAM WELD				
SOCKET WELD	13	2"		
BRANCH CONN.	0			
WELDED SUPP.	0	N/A		
COMP. SUPPORT	1	N/A		

LINE NUMBER: Q-1-E21-CCB-22

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-518138 SH. 2

LINE SIZE: 2" CCB-22

0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG	DEV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

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

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

187

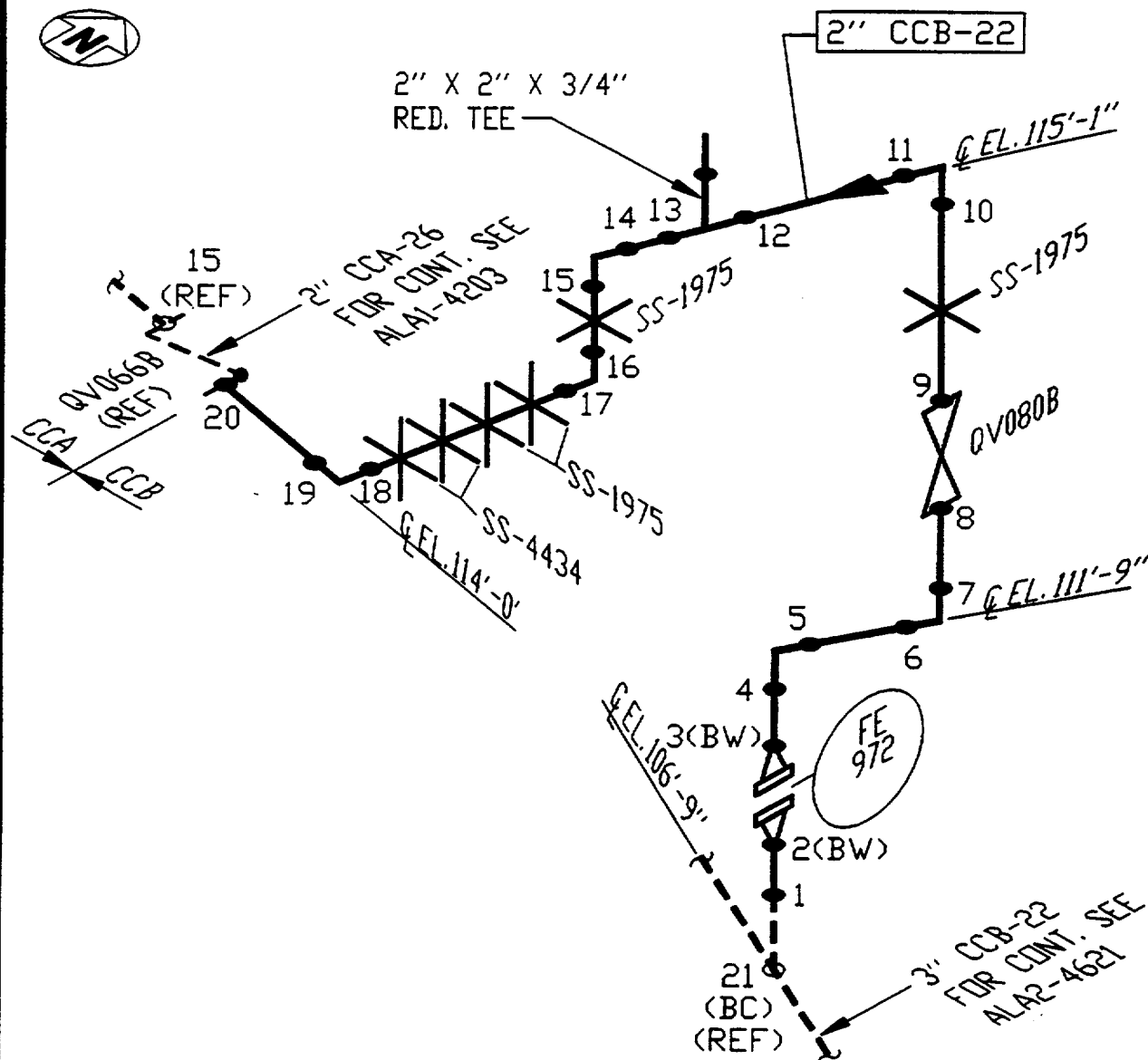
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CAD LA24622  
AUTOCAD JLB-02

CTMT  
EL. 105'-6"

2" HIGH HEAD SAFETY INJECTION  
COLD LEG  
LOOP 2

ALA2-4623



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	2	2"		
LONG SEAM WELD				
SOCKET WELD	18	2"		
BRANCH CONN.	0			
WELDED SUPP.	0			
COMP. SUPPORT	2	N/A		

LINE NUMBER: Q-1-E21-CCB-22

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S	D-518137 SH. 2
-----------------	----------------

LINE SIZE: 2" CCB-22

0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG BY DEV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4

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

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

**SHEET**

REV.

A-351192

188

0

CAD LA24623  
AUTOCAD JLB-02

CTMT  
EL. 105'-6"

ALA2-4624



2" HIGH HEAD SAFETY INJECTION  
COLD LEG  
LOOP 3

2" CCA-26  
FOR CONT. SEE  
ALAI-4303

QV066A  
(REF)

40  
(KREF)

CCA  
CC8

2" CCB-22

QV080A

EL. 115'-1"

SS-1975

3(BW)

FE  
973

2(BW)

EL. 106'-9"

3" CCB-21  
FOR CONT. SEE  
ALAI-4621

TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	2	2"		
LONG SEAM WELD				
SOCKET WELD	10	2"		
BRANCH CONN.	0			
WELDED SUPP.	0			
COMP. SUPPORT	1	N/A		

20  
(BC)  
(REF)

LINE NUMBER: Q-1-E21-CCB-22

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-518139 SH. 2

LINE SIZE: 2" CCB-22

0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG	REV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

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

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

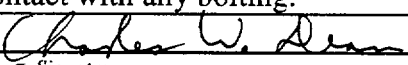
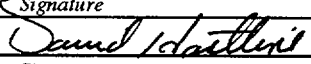
A-351192

189

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CAD LA24624  
AUTOCAD JLB-02

Leakage Bolt Evaluation  
per Relief Request RR-23 and Generic Bolting Evaluation

<b>Equipment Number:</b>	<b>Q1E21V063</b>	
Work Order Number:	NA	
Item Description:	Charging Pump Recirc. to RCS Cold Leg	
Manufacturer/Model	Velan Valve Corporation/ 3-GM78FNW	
Vendor Drawing Number:	U264635	
Bolting/ Nut Material:	ASME SA-453 GR.660/ ASME SA-193 GR.6(410)	
Valve Body Material:	ASME SA-182 GR. F316	
Valve Repair Procedure Number:		
Thread Sealant Type:	Fel-Pro N-5000	
Description/ Location of Leakage	Light dry boron build-up on valve stem.	
Inspection Procedure/ Frequency:	* VT-2 examination once every 40-month ISI period * General Walkdown for Boron Leakage performed each refueling outage	
Leakage/Repair History of Connection:	* WO 171456 04/08/88 Yoke loose. Set screws removed and replaced with new ones. * Numerous packing leaks and problems.	
Service Age of Bolting:	Set screws replaced on 04/08/88 per WO 171456.	
<b>Results of Visual Exam:</b>		
Are any bolts corroded by boric acid attack?	The visual examination found the bolts in satisfactory condition with no signs of degradation on any bolts.	
Is the valve/bolt interface corroded by boric acid attack?	The visual examination found the valve in satisfactory condition with no signs of corrosion on the valve/bolt interfaces.	
<b>Bolting Evaluation:</b>	The bolt and valve material are resistant to boric acid attack. A visual examination performed on 05/21/00 found no signs of pitting, corrosion, or erosion on the bolting or valve flange. Based on this evaluation this bolted connection is considered satisfactory for continued service.	
Disposition of Leak:	Acceptable per evaluation. This is a packing leak which is not coming into contact with any bolting.	
Prepared by:	 Signature	5/21/00 Date
Reviewed/Approved by:	 Signature	5/21/00 Date

02/28/00 07:55:50

SHARED

FNP-0-NDE-100.22

FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

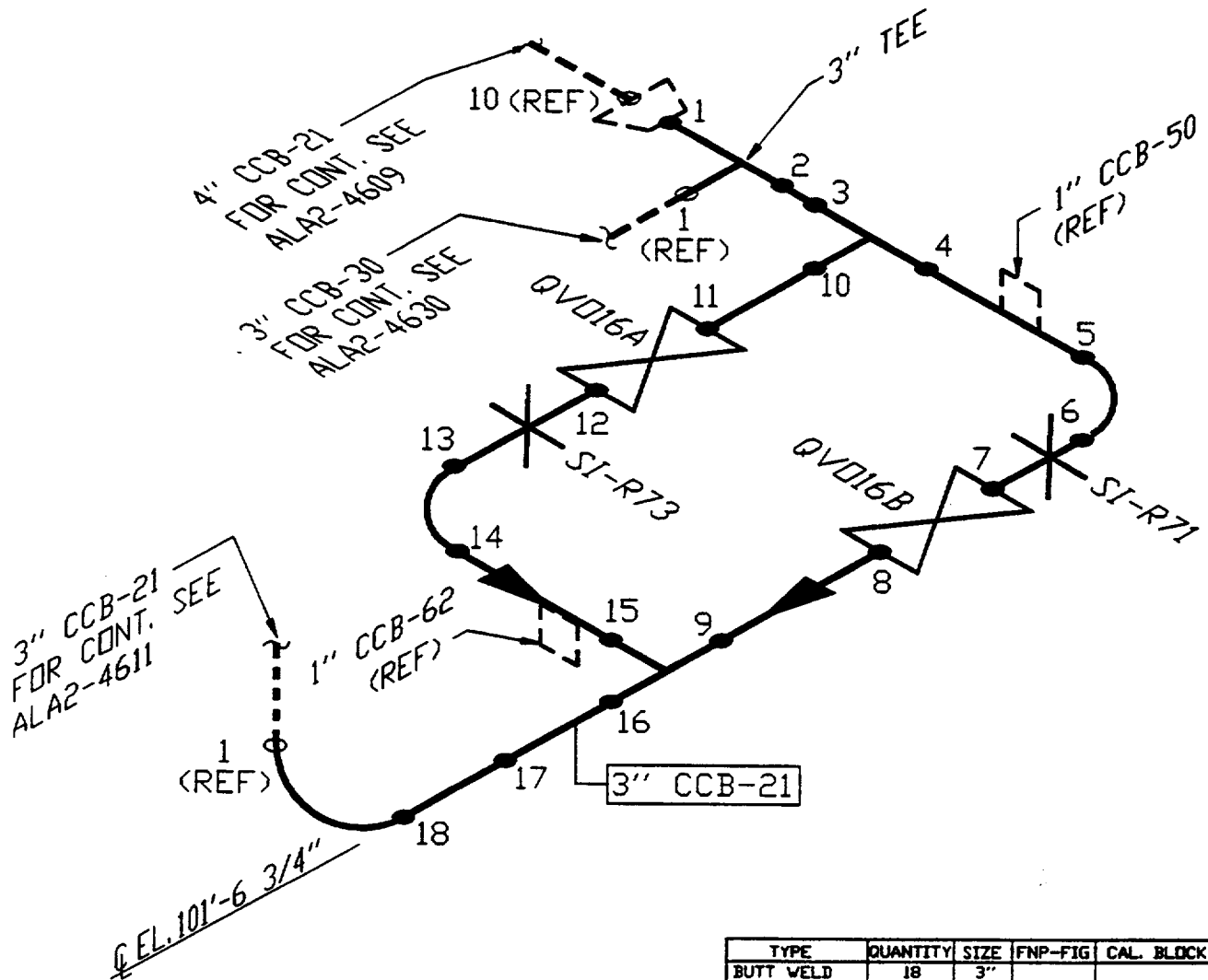
SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package 2 2/3" CCB-21	Drawing Number ALA2-4610, 4611, 4612, 4613, 4614, 4615, 4616, 4617, 4618
WO/WA No. N/A		System Boundaries  examined from valves Q1E2IV016 A & B TO Q1E2IV062A, B & C.	
Procedure No. FNP-0-NDE-100.22			
Revision No. 2			
Examiner Manfred Muhl	Level II		
Examiner Scott R. Erickson	Level II		
Date (Month-Day-Year) 05-21-00			
SKETCH N/A			
		Note: examined after 4 hrs @ MOP/NOT per Unit 1 Control room	
Examination (Per Para. 7.5) _____ Sat <input checked="" type="checkbox"/> *Unsat <input type="checkbox"/> ①			
*Provide details on unsat areas LIGHT DRY BORON BUILD-UP ON STEM OF QVD16A & MODERATE DRY BORON BUILD-UP ON PACKING GLAND OF QVD16B ON ALA2-4610 ① Sat per attached engineering evaluation.			
Comments AUX. BLDG. PORTION OF RR-30 SEGMENT 4 EXAMINED BY SCOTT R. ERICKSON SRE 5-21-00			
Containment portion examined by M. Muhl No leakage noted @ time of exam MM 5/21/00			

AUXILIARY  
EL. 100'-0"  
ROOM 172

## HHSI PUMP DISCHARGE

ALA2-4610



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	18	3"		
BUTT WELD				
LONG SEAM WELD				
SOCKET WELD	0			
BRANCH CONN.	0			
WELDED SUPP.	0			
COMP. SUPPORT	2	N/A		

LINE NUMBER: Q-1-E21-CCB-21

BOUNDARY DIAGRAM D-351115 SH. 1

LINE SIZE: 3" CCB-21

REFERENCE ISO'S D-514398 SH. 1

0 3-26-98 HSK JAR ISSUED PER REA 96-1295 REV.0

LDT

DLG

REV. DATE BY CHK'D DESCRIPTION

APPR.1

APPR.2

APPR.3

APPR.4

Southern Company Services, Inc. for E21-HIGH HEAD SAFETY INJECTION SYS

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

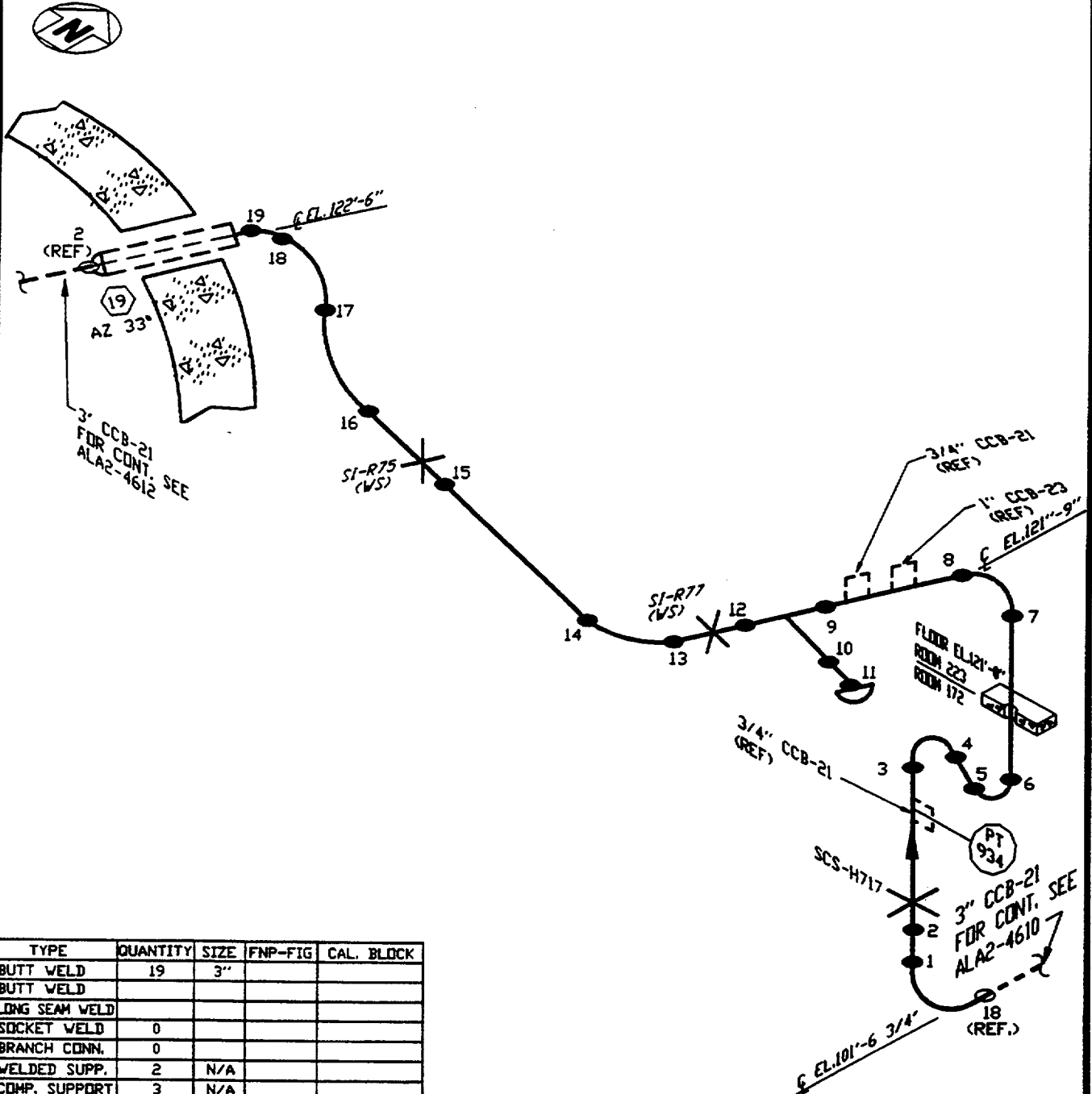
175

0

CAD LA24610  
AUTOCAD JLB-02

AUXILIARY  
EL. 100'-0"HIGH HEAD SAFETY INJECTION  
TO  
R.C. LOOPS

ALA2-4611



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	19	3"		
BUTT WELD				
LONG SEAM WELD				
SOCKET WELD	0			
BRANCH CONN.	0			
WELDED SUPP.	2	N/A		
COMP. SUPPORT	3	N/A		

LINE NUMBER: Q-1-E21-CCB-21

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-514521 SH. 1

LINE SIZE: 3" CCB-21

0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG	REV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

E21-HIGH HEAD SAFETY INJECTION SYS

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

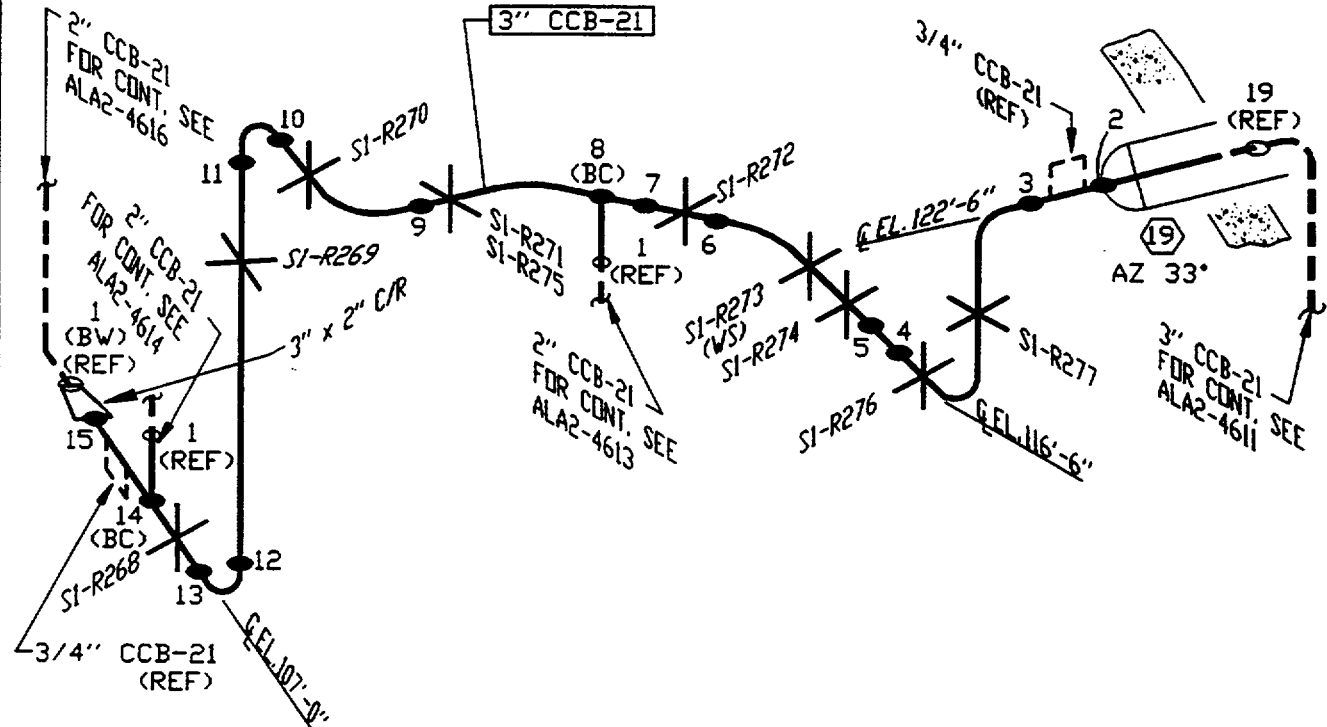
176

0

CAD LA24611  
AUTO CAD J.B-03

CTMT  
EL. 105'-6"HIGH HEAD SAFETY INJECTION  
TO  
R.C. LOOPS

ALA2-4612



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	12	3"		
SOCKET WELD	0			
BRANCH CONN.	2	2"		
WELDED SUPP.	1	N/A		
COMP. SUPPORT	10	N/A		

LINE NUMBER: Q-1-E21-CCB-21

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-514717 SH. 1

LINE SIZE: 3" CCB-21

0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	BLG	REV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

E21-HIGH HEAD SAFETY INJECTION SYS

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

177

0

CAD LA24612  
AUTOCAD J.B.-03

CTMT  
EL. 105'-6"

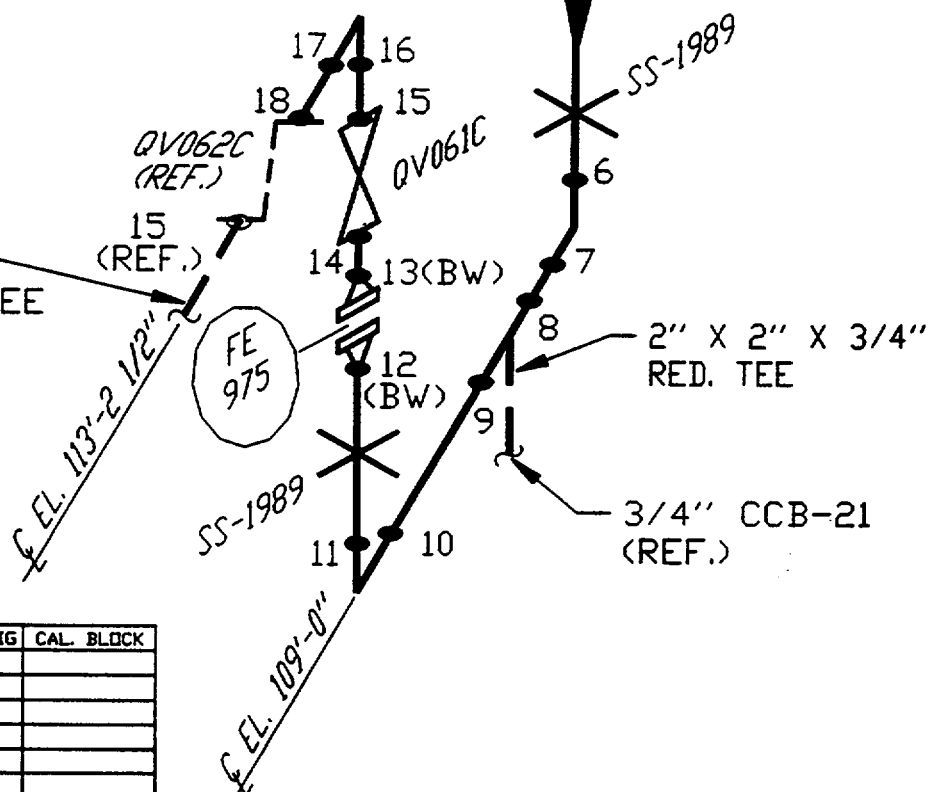
ALA2-4613



2" HIGH HEAD SAFETY INJECTION  
TO  
COLD LEG  
LOOP 1

3" CCB-21  
FOR CONT. SEE  
ALA2-4612

2" CCA-21  
FOR CONT. SEE  
ALA1-4112



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	2	2"		
BUTT WELD	0			
LONG SEAM WELD				
SOCKET WELD	16	2"		
BRANCH CONN.	0			
WELDED SUPP.	0			
COMP. SUPPORT	1	N/A		

LINE NUMBER: Q-1-E21-CCB-21

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-518096 SH. 2

LINE SIZE: 2" CCB-21

0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG	REV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

E21-HIGH HEAD SAFETY INJECTION SYS

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

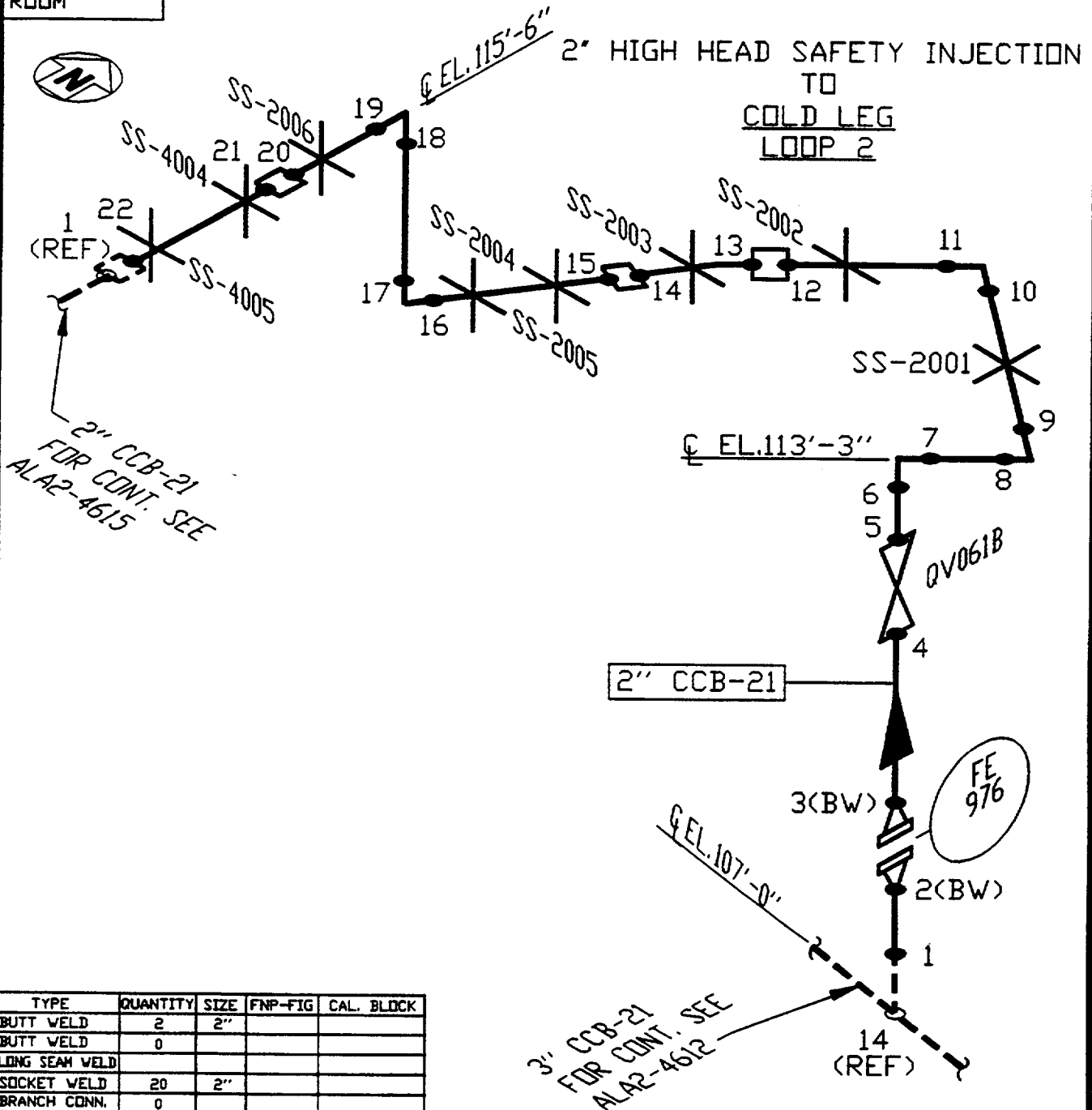
178

0

CAD LA24613  
JLB-02  
AUTOCAD

AUXILIARY  
EL.  
ROOM

ALA2-4614



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	2	2"		
BUTT WELD	0			
LONG SEAM WELD				
SOCKET WELD	20	2"		
BRANCH CONN.	0			
WELDED SUPP.	0			
COMP. SUPPORT	8	N/A		

LINE NUMBER: Q-1-E21-CCB-21

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-518113 SH. 2

LINE SIZE: 2" CCB-21

0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG	REV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

E21-HIGH HEAD SAFETY INJECTION SYS

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

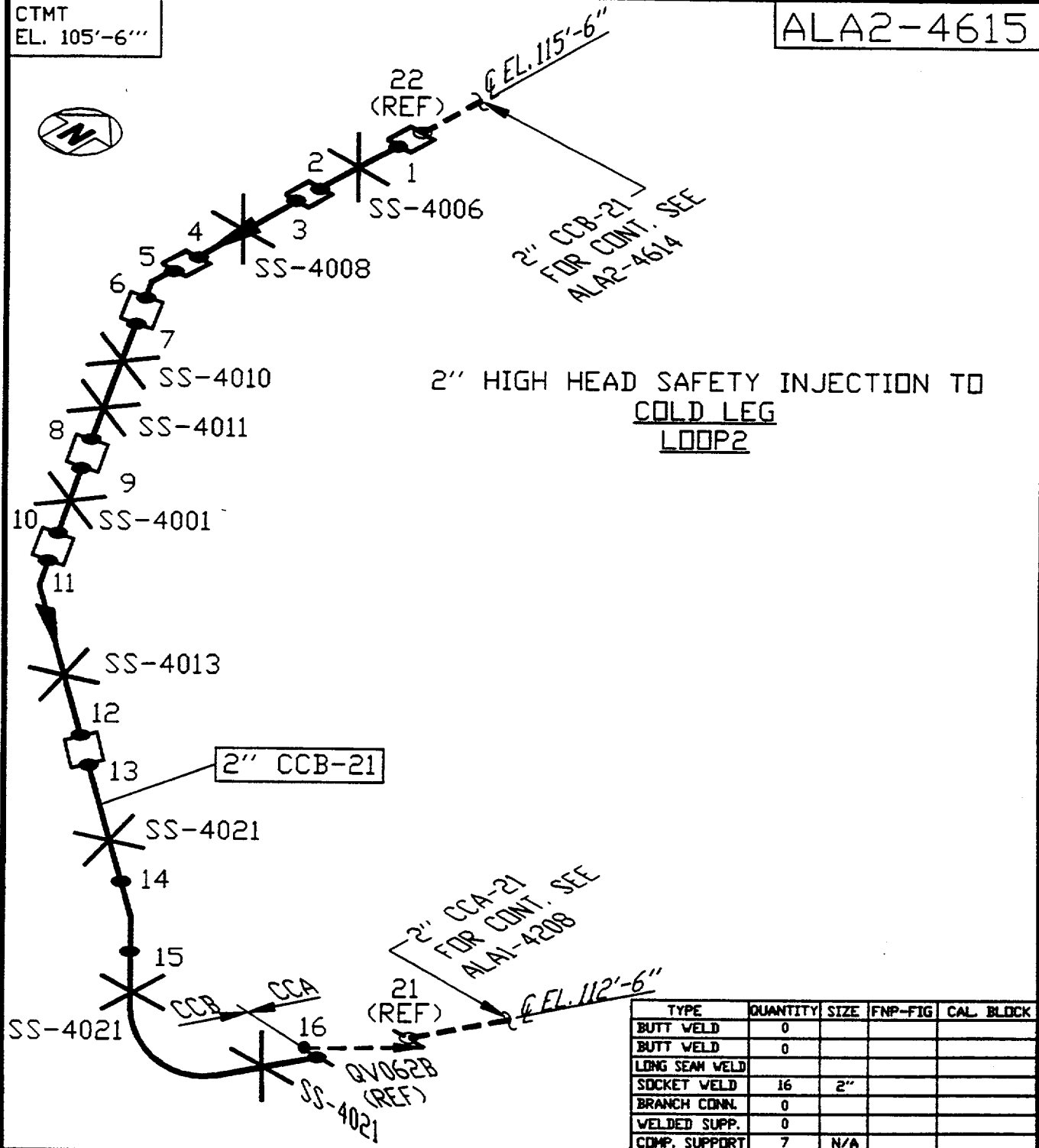
179

0

CAD LA24614  
AUTOCAD JLB-02

CTMT  
EL. 105'-6"

ALA2-4615



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	0			
BUTT WELD	0			
LONG SEAM WELD				
SOCKET WELD	16	2"		
BRANCH CONN.	0			
WELDED SUPP.	0			
COMP. SUPPORT	7	N/A		

LINE NUMBER: Q-1-E21-CCB-21

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-518115 SH. 2

LINE SIZE: 2" CCB-21

0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG	REV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

E21-HIGH HEAD SAFETY INJECTION SYS

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

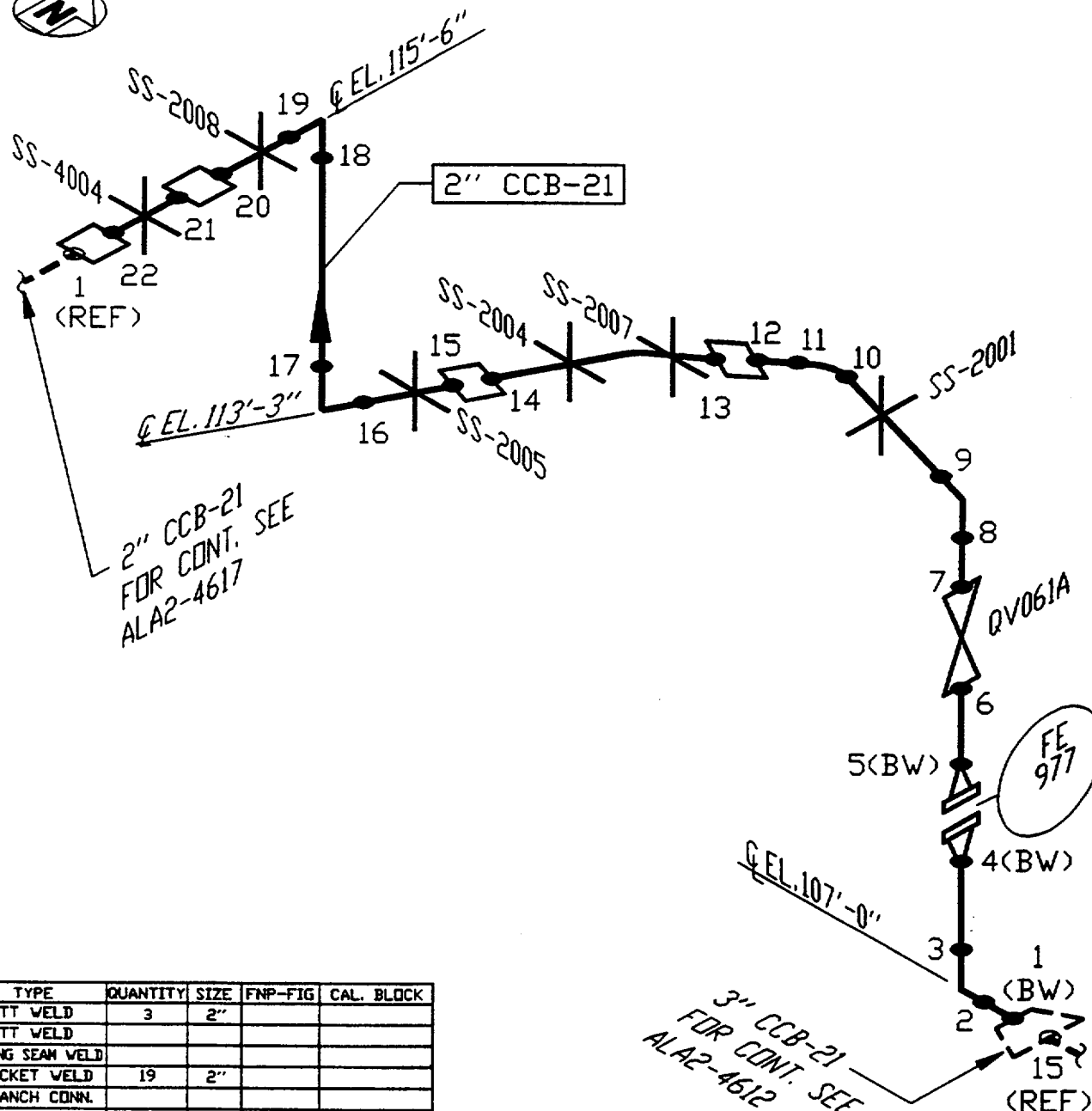
180

0

CAD LA24615  
AUTOCAD JLB-02

CTMT  
EL. 105'-6"2" HIGH HEAD SAFETY INJECTION TO  
COLD LEG  
LOOP 3

ALA2-4616



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	3	2"		
BUTT WELD				
LONG SEAM WELD				
SOCKET WELD	19	2"		
BRANCH CONN.				
WELDED SUPP.	0			
COMP. SUPPORT	6	N/A		

LINE NUMBER: Q-1-E21-CCB-21

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISD'S D-518099 SH. 2

LINE SIZE: 2" CCB-21

0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG	REV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

E21-HIGH HEAD SAFETY INJECTION SYS

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

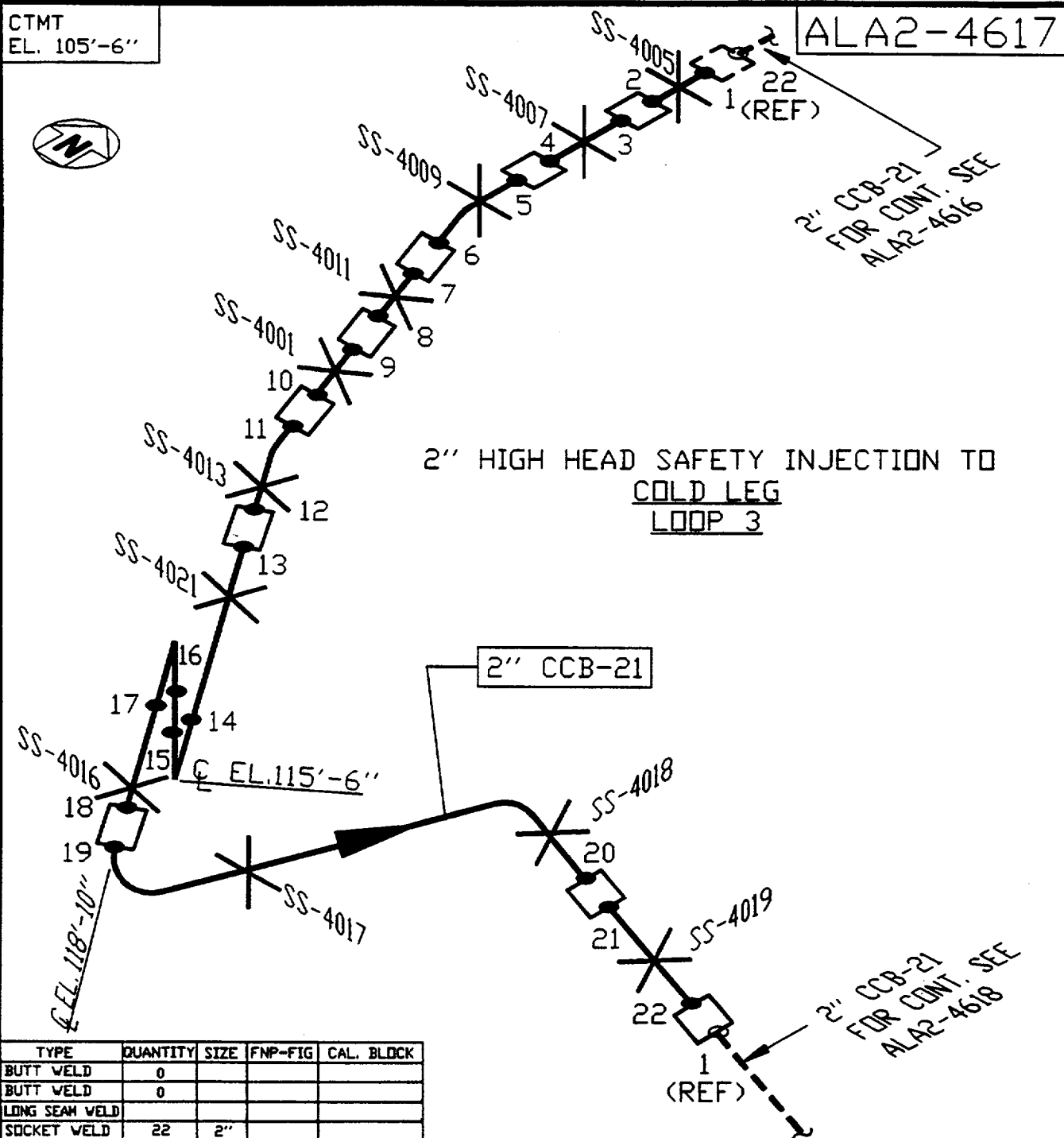
181

0

CAD LA24616  
AUTOCAD JLB-02

CTMT  
EL. 105'-6"

ALA2-4617



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	0			
BUTT WELD	0			
LONG SEAM WELD				
SOCKET WELD	22	2"		
BRANCH CONN.	0			
WELDED SUPP.	0			
COMP. SUPPORT	11	N/A		

LINE NUMBER: Q-1-E21-CCB-21

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-518100 SH. 2

LINE SIZE: 2" CCB-21

0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG	REV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

E21-HIGH HEAD SAFETY INJECTION SYS

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

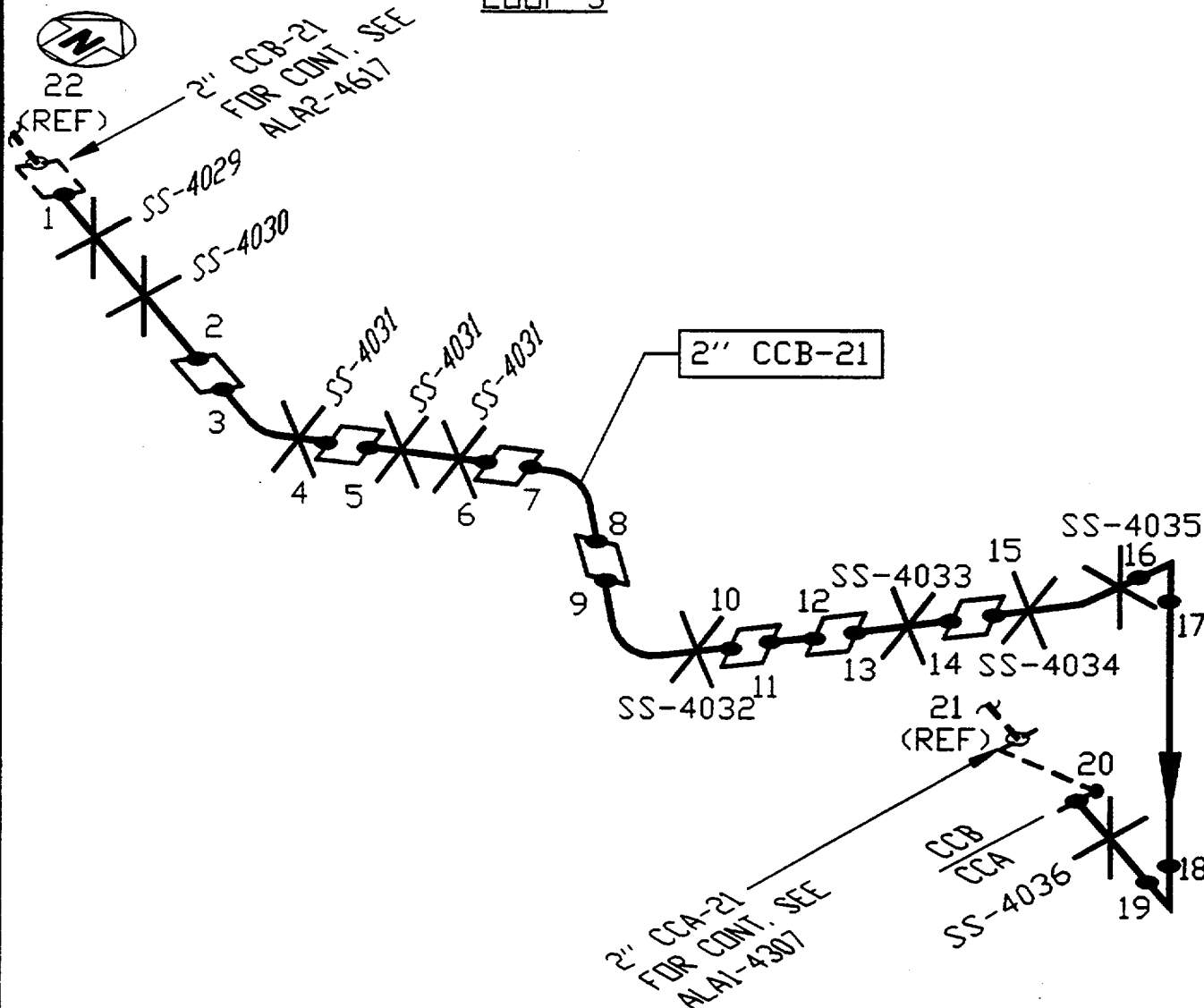
182

0

CAD LA24617  
AUTOCAD JLB-02

CTMT  
EL. 105'-6"2" HIGH HEAD SAFETY INJECTION TO  
COLD LEG  
LOOP 3

ALA2-4618



TYPE	QUANTITY	SIZE	FNP-FIG	CAL. BLOCK
BUTT WELD	0			
BUTT WELD	0			
LONG SEAM WELD				
SOCKET WELD	20	2"		
BRANCH CONN.	0			
WELDED SUPP.	0			
COMP. SUPPORT	8	N/A		

LINE NUMBER: Q-1-E21-CCB-21

BOUNDARY DIAGRAM D-351115 SH. 1

REFERENCE ISO'S D-518102 SH. 2

LINE SIZE: 2" CCB-21

0	3-26-98	HSK	JAR	ISSUED PER REA 96-1295 REV.0	LDT	DLG	PR DEV		
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

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

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

183

0

CAD LA24618  
AUTOCAD JLB-02

Leakage Bolt Evaluation  
per Relief Request RR-23 and Generic Bolting Evaluation

<b>Equipment Number:</b>	<b>Q1E21V016A</b>	
Work Order Number:	NA	
Item Description:	HHSI To RCS CL Iso Valve	
Manufacturer/Model	Velan Gate Valve Model 3-GM78FNW	
Vendor Drawing Number:	U264635	
Bolting/ Nut Material:	ASME SA-453 GR.660/ ASME SA-194 GR.8	
Valve Body Material:	ASME SA-351-CF8	
Valve Repair Procedure Number:		
Thread Sealant Type:	Fel-Pro N-5000	
Description/ Location of Leakage	Light dry boron build-up on valve stem.	
Inspection Procedure/ Frequency:	* VT-2 examination once every 40-month ISI period * General Walkdown for Boron Leakage performed each refueling outage	
Leakage/Repair History of Connection:	* Several packing leaks.	
Service Age of Bolting:	No bolting replacements indicated in FNPIMS.	
<b>Results of Visual Exam:</b>		
Are any bolts corroded by boric acid attack?	The visual examination found the bolts in satisfactory condition with no signs of degradation on any bolts.	
Is the valve/bolt interface corroded by boric acid attack?	The visual examination found the valve in satisfactory condition with no signs of corrosion on the valve/bolt interfaces.	
<b>Bolting Evaluation:</b>	The bolt and valve material are resistant to boric acid attack. A visual examination performed on 05/21/00 found no signs of pitting, corrosion, or erosion on the bolting or valve flange. Based on this evaluation this bolted connection is considered satisfactory for continued service.	
Disposition of Leak:	Acceptable by evaluation. This is a packing leak which is not coming into contact with any bolting.	
<b>Prepared by:</b>	<i>Charles W. Dean</i> Signature	5/21/00 Date
<b>Reviewed/Approved by:</b>	<i>David Hatline</i> Signature	5/21/00 Date

Leakage Bolt Evaluation  
per Relief Request RR-23 and Generic Bolting Evaluation

<b>Equipment Number:</b>	<b>Q1E21V016B</b>		
Work Order Number:	NA		
Item Description:	HHSI To RCS CL Iso Valve		
Manufacturer/Model	3" Motor-Operated Velan Gate Valve Model 3-GM78FNW		
Vendor Drawing Number:	U264635		
Bolting/ Nut Material:	ASME SA-453 GR.660/ ASME SA-194 GR.8		
Valve Body Material:	ASME SA-351-CF8		
Valve Repair Procedure Number:			
Thread Sealant Type:	Fel-Pro N-5000		
Description/ Location of Leakage	Moderate dry boron build-up on valve stem.		
Inspection Procedure/ Frequency:	* VT-2 examination once every 40-month ISI period * General Walkdown for Boron Leakage performed each refueling outage		
Leakage/Repair History of Connection:	* Several packing leaks.		
Service Age of Bolting:	No bolting replacements indicated in FNPIMS.		
<b>Results of Visual Exam:</b>			
Are any bolts corroded by boric acid attack?	The visual examination found the bolts in satisfactory condition with no signs of degradation on any bolts.		
Is the valve/bolt interface corroded by boric acid attack?	The visual examination found the valve in satisfactory condition with no signs of corrosion on the valve/bolt interfaces.		
<b>Bolting Evaluation:</b>	The bolt and valve material are resistant to boric acid attack. A visual examination performed on 05/21/00 found no signs of pitting, corrosion, or erosion on the bolting or valve flange. Based on this evaluation this bolted connection is considered satisfactory for continued service.		
Disposition of Leak:	Acceptable by evaluation. This is a packing leak which is not coming into contact with any bolting.		
Prepared by:	<div style="display: flex; justify-content: space-between;"> <div> <i>Charles W. Dean</i>            Signature         </div> <div> <i>CWD</i>            Date         </div> </div>		
Reviewed/Approved by:	<div style="display: flex; justify-content: space-between;"> <div> <i>Daniel Hatfield</i>            Signature         </div> <div>           5/21/00            Date         </div> </div>		

02/28/00 07:55:50

SHARED

FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

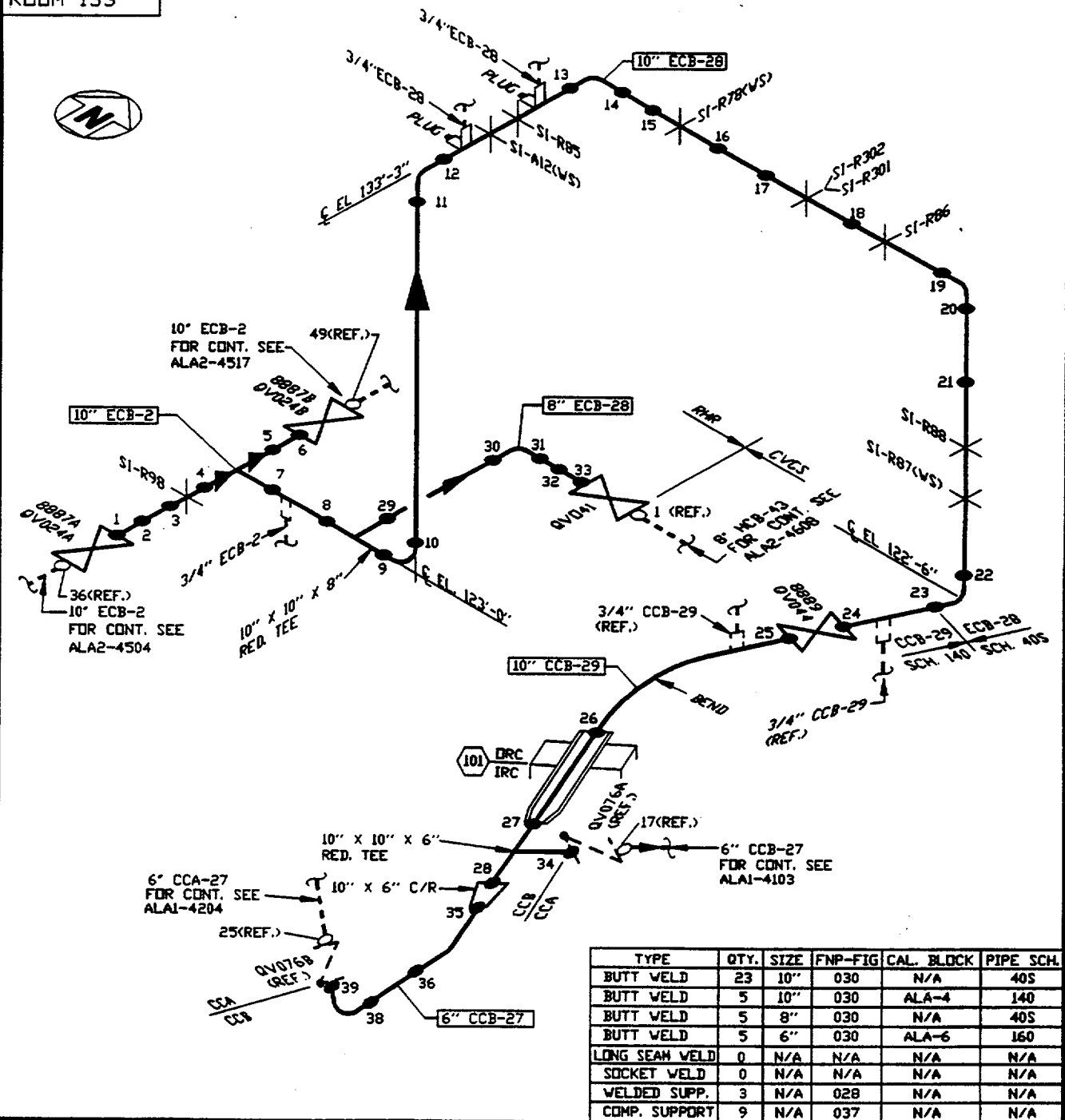
SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package 6"/10" CCB 29	Drawing Number ALAZ-4514
WO/WA No. N/A		System Boundaries  examined from valve Q1E11V044 To Valve Q1E11V076B	
Procedure No. FNP-0-NDE-100.22			
Revision No. 2			
Examiner Manfred Muhl	Level II		
Examiner Scott R. Erickson	Level II		
Date (Month-Day-Year) 05-21-00			
SKETCH  N/A			
		Note: system in operation @ NOP/NOT in excess of 4hrs per control room	
Examination (Per Para. 7.5) _____ Sat <input checked="" type="checkbox"/> *Unsat <sup>①</sup>			
*Provide details on unsat areas LIGHT DRY BORON BUILD-UP ON GASKET OF QV044 ON ALAZ-4514. NO BUILD-UP NOTED ON BOLTING. <sup>①</sup> Sat per attached engineering evaluation MM 5/21/00			
Comments AVR. BLDG. PORTION OF RR-30 SEGMENT 5 EXAMINED BY SCOTT R. ERICKSON SRE 5-21-00			
Containment portions examined by M. GRELL. No leakage noted @ time of exam MM 5/21/00			

AUXILIARY  
EL. 100'-0"  
ROOM 133

## RHR SINGLE STREAM

ALA2-4514



TYPE	QTY.	SIZE	FNP-FIG	CAL. BLOCK	PIPE SCH.
BUTT WELD	23	10"	030	N/A	40S
BUTT WELD	5	10"	030	ALA-4	140
BUTT WELD	5	8"	030	N/A	40S
BUTT WELD	5	6"	030	ALA-6	160
LONG SEAM WELD	0	N/A	N/A	N/A	N/A
SOCKET WELD	0	N/A	N/A	N/A	N/A
WELDED SUPP.	3	N/A	028	N/A	N/A
COMP. SUPPORT	9	N/A	037	N/A	N/A

LINE NUMBER: Q-1-E11-ECB-2; Q-1-E21-CCB-27  
Q-1-E11-ECB-28; Q-1-E11-CCB-29

BOUNDARY DIAGRAM

D-351115 SH. 1 &amp; 2

LINE SIZE: 10" ECB-2; 10" CCB-29  
10" ECB-28; 8" ECB-28; 6" CCB-27; 10" CCB-27

REFERENCE ISO'S

D-514517 SH. 1

D-514518 SH. 1

D-514715 SH. 1

2	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/VRH	AH	DML	
REV.	DATE	BY	CHK'D	DESCRIPTION	APPR.1	APPR.2	APPR.3	APPR.4	

Southern Company Services, Inc. for

E11-RESIDUAL HEAT REMOVAL

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

112

2

CAD ALA24514  
AUTOCAD RAV-03

Leakage Bolt Evaluation  
per Relief Request RR-23 and Generic Bolting Evaluation

<b>Equipment Number:</b>	<b>Q1E11V044</b>	
Work Order Number:	NA	
Item Description:	RHR To RCS Hot Legs Isolation Valve	
Manufacturer/Model	Copes-Vulcan Inc./ Gate Valve	
Vendor Drawing Number:	U169410	
Bolting/ Nut Material:	ASME SA-453 GR.660/ ASME SA-193 GR.6	
Valve Body Material:	ASME SA-182 GR. F316	
Valve Repair Procedure Number:		
Thread Sealant Type:	Fel-Pro N-5000	
Description/ Location of Leakage	Light dry intermittent boron build-up on body to bonnet gasket. No bolting affected.	
Inspection Procedure/ Frequency:	* VT-2 examination once every 40-month ISI period * General Walkdown for Boron Leakage performed each refueling outage	
Leakage/Repair History of Connection:	* WO 273833 04/11/94 Valve has bonnet to flange leak. Disassembled, cleaned, installed new gasket, and reassembled. * Valve has had several packing leaks.	
Service Age of Bolting:	No bolting replacements in FNPIMS.	
<b>Results of Visual Exam:</b>		
Are any bolts corroded by boric acid attack?	The visual examination found the bolts in satisfactory condition with no signs of degradation on any bolts.	
Is the valve/bolt interface corroded by boric acid attack?	The visual examination found the valve in satisfactory condition with no signs of corrosion on the valve/bolt interfaces.	
<b>Bolting Evaluation:</b>	The bolt and valve material are resistant to boric acid attack. A visual examination performed on 05/21/00 found no signs of pitting, corrosion, or erosion on the bolting or valve flange. Based on this evaluation this bolted connection is considered satisfactory for continued service.	
Disposition of Leak:	Acceptable per evaluation. Valve has a slight body to bonnet leak which is not coming into contact with any bolting.	
Prepared by:	<i>Charles W. Dean</i> Signature	5/21/00 Date
Reviewed/Approved by:	<i>Daniel Hatfield</i> Signature	5/24/00 Date

## CLASS 1 SYSTEM LEAKAGE TEST BOLTING EXAMINATIONS

VALVE TPNS No.	ISI SKETCH No.	APPLICABLE RELIEF REQUEST No.	APPLICABLE IER No.
Q1B13V003	ALA1-4108	RR-27	IER-008
Q1B13V027A	ALA1-4504	RR-27	
Q1B13V027B	ALA1-4504	RR-27	
Q1B13V031A	ALA1-4501	RR-27	
Q1B13V031B	ALA1-4502	RR-27	
Q1B13V031C	ALA1-4503	RR-27	
Q1B13V053	ALA1-4504	RR-27	
Q1B13V056	ALA1-4105	RR-27	
Q1B13V060	ALA1-4205	RR-27	
Q1B13V061	ALA1-4504	RR-27	
Q1B31K001	ALA1-2100A	RR-27	
Q1E11V016A	ALA1-4301	RR-27	
Q1E11V016B	ALA1-4101	RR-27	
Q1E11V044	ALA2-4514	RR-27, RR-30	IER-008
Q1E11V051A	ALA1-4304	RR-27	
Q1E11V051B	ALA1-4202	RR-27	
Q1E11V051C	ALA1-4104	RR-27	IER-008
Q1E21V016A	ALA2-4610	RR-27, RR-30	
Q1E21V016B	ALA2-4610	RR-27, RR-30	
Q1E21V032A	ALA1-4102	RR-27	
Q1E21V032B	ALA1-4201	RR-27	
Q1E21V032C	ALA1-4302	RR-27	
Q1E21V063	ALA2-4621	RR-27, RR-30	
Q1E21V068	ALA2-4633	RR-27, RR-30	
Q1E21V072	ALA2-4625	RR-27, RR-30	
Q1E21V077A	ALA1-4103	RR-27	IER-008
Q1E21V077B	ALA1-4204	RR-27	IER-008
Q1E21V077C	ALA1-4305	RR-27	IER-008
Q1E21V110	ALA1-4207	RR-27	
Q1E21V111	ALA1-4106	RR-27	
Q1E21V112	ALA1-4207	RR-27	
Q1E21V113	ALA1-4106	RR-27	
Q1E21V245	ALA1-4505	RR-27	
Q1E21V246	N/A	RR-27	IER-008
Q1E21V247	N/A	RR-27	
Q1E21V367	ALA1-4108	RR-27	IER-008
Q1E21V368	ALA1-4108	RR-27	

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FNP-0-NDE-100.22

FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <sup>TPNS</sup> 01B13V003	Drawing Number 0-351114 SHT. 1		
WO/WA No. 99008131		System Boundaries  CVCS NORMAL LETDOWN VALVE BODY TO BONNET JOINT.			
Procedure No. FNP-0-NDE-100.22					
Revision No. 2					
Examiner Scott R. Erickson	Level II				
Examiner N/A	Level N/A				
Date (Month-Day-Year) 3-7-00					
SKETCH					
Examination (Per Para. 7.5) _____ Sat <input checked="" type="checkbox"/> *Unsat					
*Provide details on unsat areas SEE FIGURE 2 - PAGE 2 OF 2					
Comments REF. RR-27					

02/28/00 07:55:50

SHARED

FNP-0-NDE-100.22  
RTYPE: L1.09

FIGURE 2

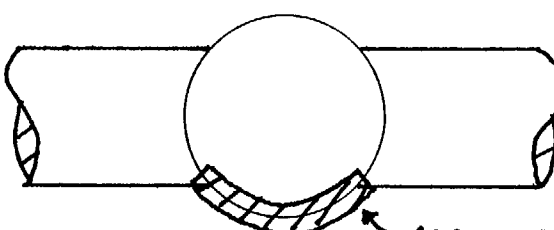
## VISUAL EXAMINATION SUPPLEMENTAL DATA SHEET

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1	Line Number/Examination Area/Weld No. Q1B13 V003	Drawing Number D-351114 SHT.1		
WO/WA No. 99008131	Date (Month-Day-Year) 3-7-00	Examiner SLOTT R. ERICHOON	Level II	Location CTMT LOOP 1 106' EL.
Procedure No. FNP-0-NDE-100.22				
Revision No. 2				

Flow →



AREA OF BORON BUILD-UP

Comments: LIGHT DRY BORON BUILD-UP ON GASKET AREA AND BOLTING AND VALVE BODY
Page 2 of 2

03/06/00 13:50:17

SHARED

FNP-0-NDE-100.23  
RTYPE: L1.09

## FIGURE 1

## SUPPORT EXAMINATION RECORD VT-3

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit <i>FARLEY 1</i>	Line Number/Examination Area/Weld No. <i>Q1B13V003</i>			Drawing Number <i>N/A</i>			Sheet No.		
Photos ___ Yes    ___ B&W <input checked="" type="checkbox"/> No    ___ Color	Sketch ___ Yes <input checked="" type="checkbox"/> No	Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) ___ 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct ___ Video ___ Remote			WO/WA <i>20002011</i> Procedure No. <i>FNP-0-NDE-100.23</i> Revision No. <i>3</i>			
Equipment <input checked="" type="checkbox"/> Mirror ___ Magnifier ___ CCTV			Lighting ___ Ambient <input checked="" type="checkbox"/> Flashlight ___ Droplight	Tools <input checked="" type="checkbox"/> Scale    ___ Depth Gauge    ___ Level ___ Micrometer    ___ Comparator ___ Caliper    ___ Weld Gauge			Examiner/Initial Sig. <i>Paul S. Walcott</i> Level <i>II</i> Examiner/Initial Sig. <i>N/A</i> Level Date (Month-Day-Year) <i>04-20-00</i>		
___ SNUBBERS VT-3    SAT    UN-SAT    N/A Loose Bolt or Pin Connections Shaft Seal Fluid Leakage Fluid Tubing Condition Shaft Cleanliness Spherical Bearings Cotter & Clevis Pins Intact Other**			<input checked="" type="checkbox"/> COMP. INTERNALS & MAT'L SURFACE VT-3    SAT    UN-SAT    N/A Pitting Corrosion Erosion Foreign Material Gouged Parts Wear Evidence of Leakage Other Cracks**			<input checked="" type="checkbox"/> HANGER & SUPPORTS VT-3    SAT    UN-SAT    N/A Setting: Hot ___ Cold ___ Misalignment Damaged Members Gouges Arc Strikes Grind Marks Freedom of Movement Other**			
* Provide details on unsat areas by use of supplemental data sheet. ** Provide details on other areas examined.									
Comments <i>EXAMINED FLANGE AND GASKET SURFACES * MINOR DENT ON FLANGE 1/16" LONG OUTSIDE OF SEALING SURFACE AREA. DOES NOT AFFECT GASKET AREA. SAT PD 4-20-00</i>									

03/18/00 13:55:19

SHARED

FIGURE 1

FNP-0-NDE-100.21

RTYPE: L1.09

## VISUAL EXAMINATION RECORDED VT-1

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /	Line Number/Examination Area/Weld No. Q1B13V003			Drawing Number N/A		Sheet No.	
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"/> Remote		WO/WA 20002011 Procedure No. FNP-0-NDE-100.21 Revision No. 1		
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"/> Micrometer <input type="checkbox"/> Caliper		<input type="checkbox"/> Depth Gauge <input type="checkbox"/> Comparator <input type="checkbox"/> Weld Gauge	<input type="checkbox"/> Level	Examiner/Initial Sig. [Signature] Level II Examiner/Initial Sig. N/A Level Date (Month-Day-Year) 04-20-00
<b>WELDS &amp; BASE MATERIAL VT-1</b>				<b>BOLTS, STUDS, AND WASHERS VT-1</b>			
SAT UN-SAT N/A Ground Blend Material Undercut Corrosion build-Up Gouges Evidence of Leakage Arc Strikes Cracks Other **				SAT UN-SAT N/A Loose Members Cracks Corrosion Gouges Thread Damage Deformation Protective Coating Evidence of Leakage Other**			
* Provide details on unsat areas by use of supplemental data sheet. ** Provide details on other areas examined							
Comments EXAMINED 5 STUDS REMOVED AND 7 STUDS IN PLACE ALSO 12 NUTS 4-20-00							

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FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY 11		Data Package <i>TANS</i> <i>01B13V027A</i>	Drawing Number <i>0-351114 SHT. 2</i>
WO/WA No. <i>99008142</i>		System Boundaries  <i>PRESSURIZER RELIEF LINE ISOLATION</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>	<i>VALVE BODY TO BONNET JOINT.</i>	
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-7-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RR-27</i>			

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SHARED

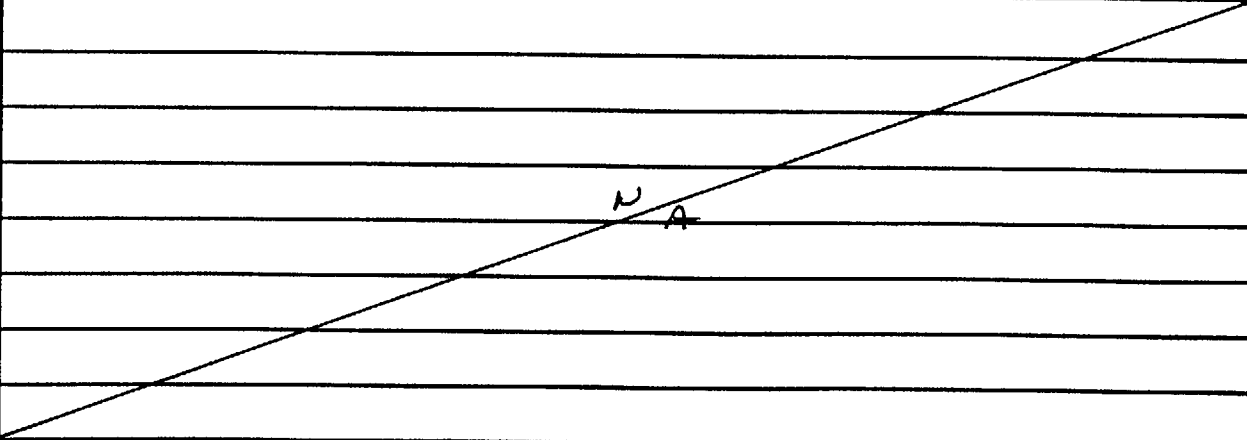
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <i>TPNS</i> <i>01B13Y027B</i>	Drawing Number <i>D-35114</i> <i>SHT. 2</i>
WO/WA No. <i>99008143</i>		System Boundaries  <i>PRESSURIZER RELIEF LINE ISOLATION</i>  <i>VALVE BODY TO BONNET JOINT.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3/13/00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RR-27</i>			

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## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY/1		Data Package <i>TPNS</i> <i>Q1B13V031A</i>	Drawing Number <i>D-351114 SHT. 2</i>
WO(WA)No. <i>W00600211</i>		System Boundaries  <i>PRESSURIZER SAFETY RELIEF VALVE AND FLANGE BOLTED CONNECTIONS</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. 2			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-7-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RR-27</i>			

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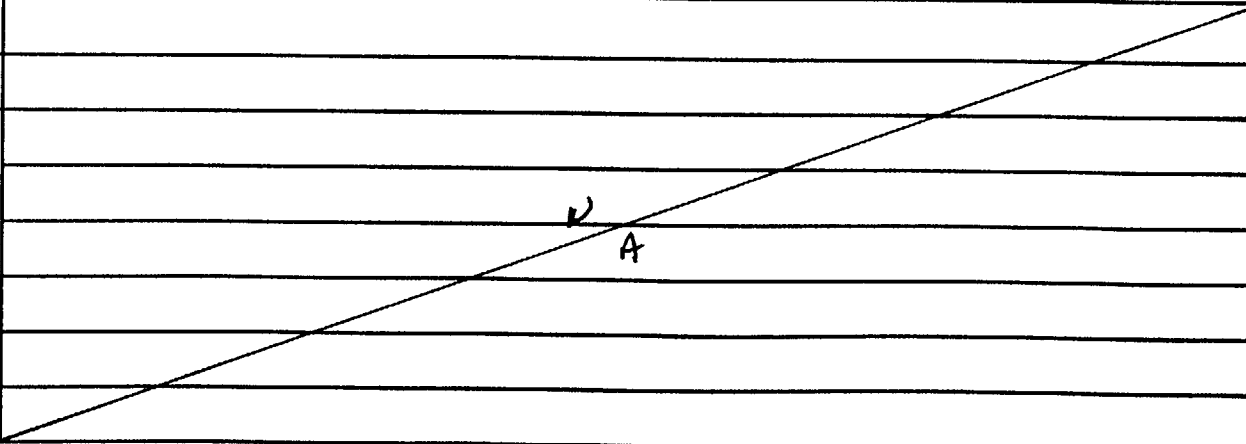
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY //		Data Package <i>TPNS</i> <i>Q1B13 V0318</i>	Drawing Number <i>D-351114 SHT.2</i>
WO/WA No. <i>W00600211</i>		System Boundaries  <i>PRESSURIZER SAFETY RELIEF VALVE AND FLANGE BOLTED CONNECTIONS.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-7-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RR-27</i>			

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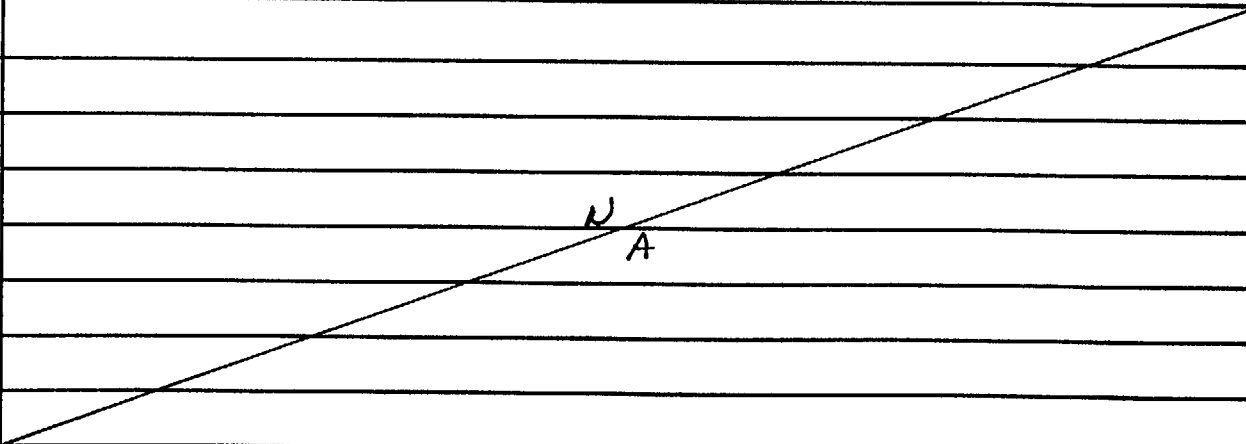
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY/1		Data Package <i>TPNS</i> <i>Q1B13V031C</i>	Drawing Number <i>D-351114 SHT. 2</i>
WO/WA No. <i>W00600211</i>		System Boundaries  <i>PRESSURIZER SAFETY RELIEF VALVE AND FLANGE BOLTED CONNECTIONS.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erichom</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-7-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RR-27</i>			

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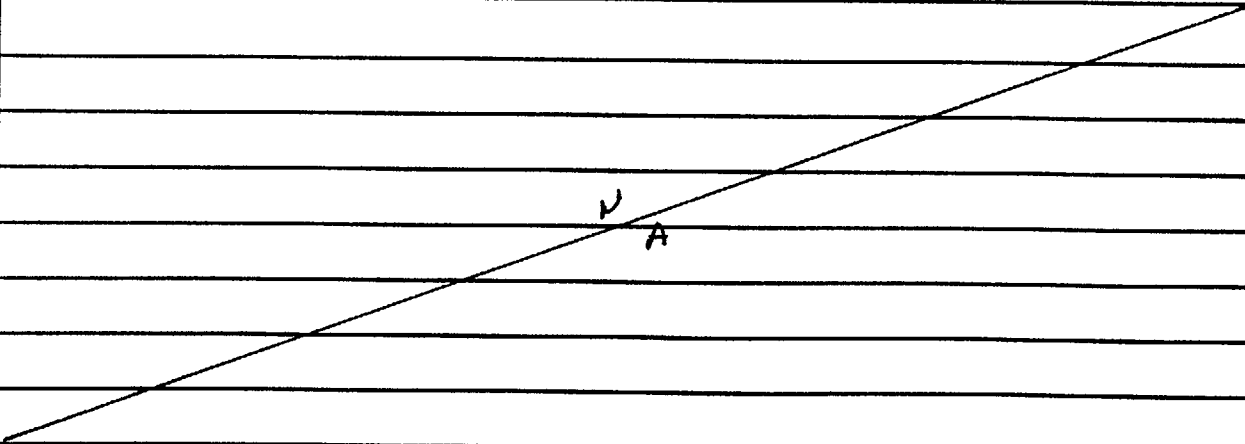
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <i>TPNS</i> <i>Q1B13V053</i>	Drawing Number <i>D-351114 SHT. 2</i>
WO/WA No. <i>W00600211</i>		System Boundaries  <i>PRESSURIZER RELIEF LINE ISOLATION</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. 2			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>	<i>VALVE BODY TO BONNET JOINT.</i>	
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-7-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RR-27</i>			

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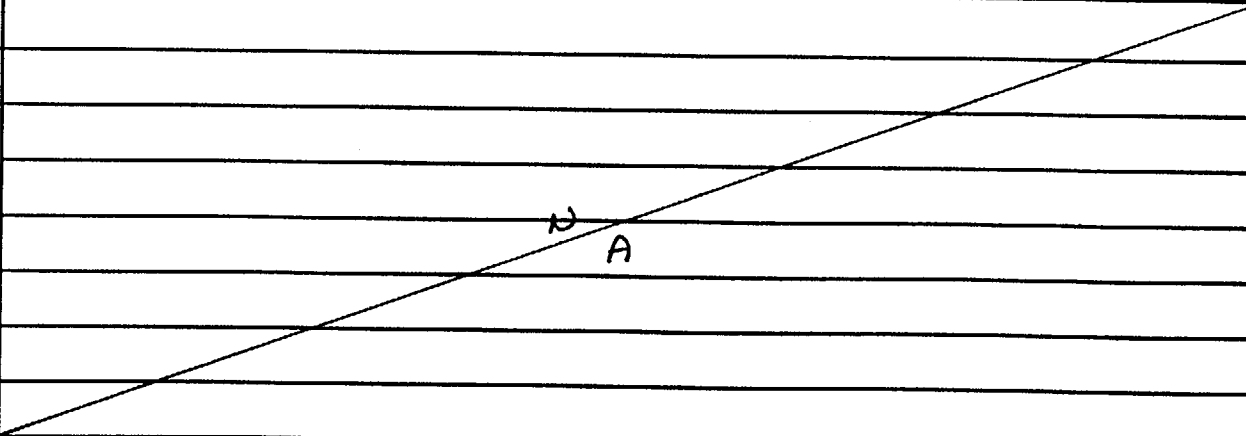
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <i>TPNS</i> <i>Q18311056</i>	Drawing Number <i>0-351114 SHT.2</i>
WOWA No. <i>99008128</i>		System Boundaries  <i>PRESSURIZER SPRAY LINE LOOP 1 COLD LEG</i> <i>ISOLATION VALVE BODY TO BONNET JOINT.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-7-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RR-27</i>			

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SHARED

FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <sup>TPNS</sup> Q1B31V060	Drawing Number D-351114 SHT. 2
(WO)WA No. 99008136		System Boundaries  PRESSURIZER SPRAY LINE LOOP 2 COLD LEG ISOLATION VALVE BODY TO BONNET JOINT.	
Procedure No. FNP-0-NDE-100.22			
Revision No. 2			
Examiner Scott R. Erickson	Level II		
Examiner N/A	Level N/A		
Date (Month-Day-Year) 3-13-00			
SKETCH			
Examination (Per Para. 7.5)		<input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat	
*Provide details on unsat areas N/A			
Comments REF. RR-27			

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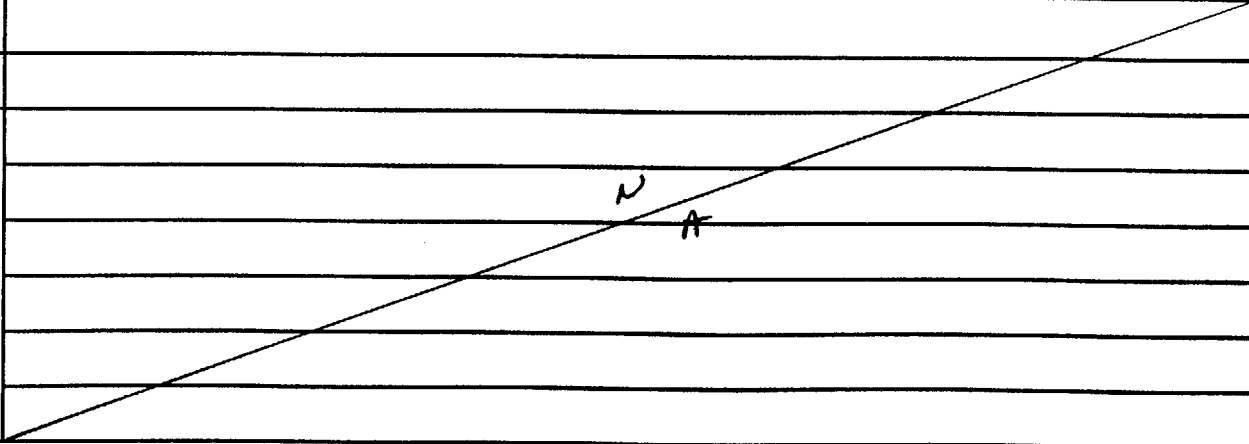
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <i>TPNS</i> <i>Q1A13V061</i>	Drawing Number <i>D-351114 SHT. 2</i>
WO/WA No. <i>W00600211</i>		System Boundaries  <i>PRESSURIZER RELIEF LINE ISOLATION</i> <i>VALVE BODY TO BONNET JOINT.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-7-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RR-27</i>			

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SHARED

FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <i>TPNS</i> <i>Q1B31/K001</i>	Drawing Number <i>D-351114 SHT-2</i>
WO/WA No. <i>9900 B117</i>		System Boundaries  <i>PRESSURIZER MANWAY BOLTED CONNECTION.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-7-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RA-27</i>			

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SHARED

FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY / 1		Data Package <sup>TPNS</sup> Q1E11V016A	Drawing Number D-351118 SHT. 1
WO/WA No. 99008139		System Boundaries  LOOP 3 HOT LEG RHR SUCTION ISOLATION VALVE BODY TO BONNET JOINT.	
Procedure No. FNP-0-NDE-100.22			
Revision No. 2			
Examiner Scott R. Erickson	Level II		
Examiner N/A	Level N/A		
Date (Month-Day-Year) 3-7-00			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas N/A			
Comments REF. RR-27			

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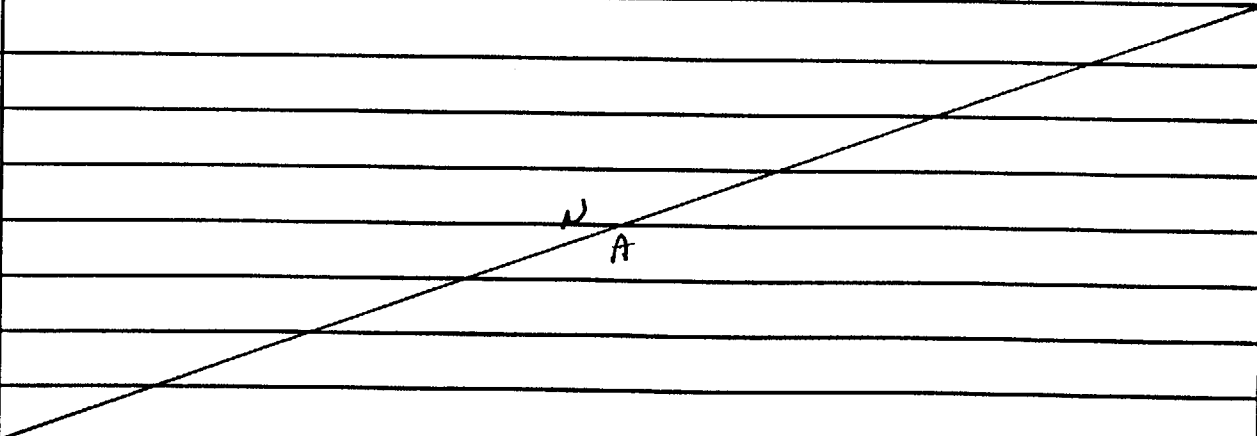
FNP-0-NDE-100.22

FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <i>TPNS</i> <i>Q1E11V0168</i>	Drawing Number <i>D-351118 SHT.1</i>
WO#WA No. <i>99008124</i>		System Boundaries  <i>LOOP 1 HOT LEG RHR SUCTION ISOLATION</i> <i>VALVE BODY TO BONNET JOINT.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-7-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RR-27</i>			

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SHARED

FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package TPNS 01E11V044	Drawing Number D-351115 SHT.2
WO/WA No. W00600211		System Boundaries  SAFETY INJECTION TO RCS HOT LEGS ISOLATION VALVE BODY TO BONNET JOINT.	
Procedure No. FNP-0-NDE-100.22			
Revision No. 2			
Examiner [Signature]	Level II		
Examiner N/A	Level N/A		
Date (Month-Day-Year) 3-9-00			
SKETCH			
Examination (Per Para. 7.5) _____ Sat _____ <input checked="" type="checkbox"/> *Unsat			
*Provide details on unsat areas SEE FIGURE 2 - PAGE 2 OF 2			
Comments REF. RR-27			

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FNP-0-NDE-100.22

RTYPE: L1.09

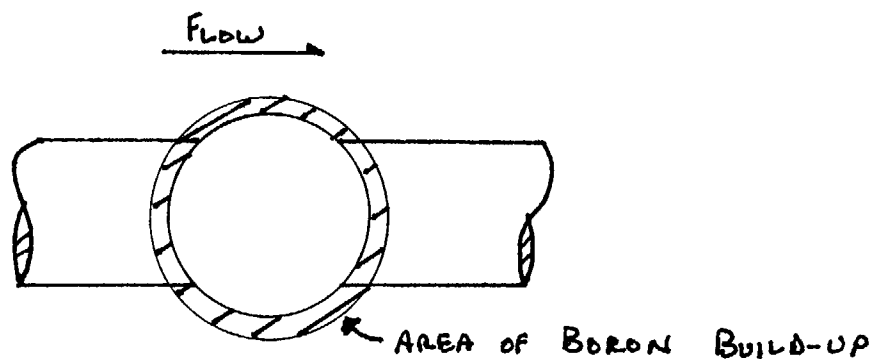
FIGURE 2

## VISUAL EXAMINATION SUPPLEMENTAL DATA SHEET

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1	Line Number/Examination Area/Weld No. Q1E11 V044		Drawing Number D-351115 SHRZ		
WO/WA No. W00600211	Date (Month-Day-Year) 3-9-00	Examiner <i>Paul A. Shalens</i>	Level II	Location AB 121'EL. Rm 223	
Procedure No. FNP-0-NDE-100.22					
Revision No. 2					



Comments: MODERATE DRY BORON BUILD-UP ON GASKET AREA.

Page 2 of 2

03/06/00 13:50:17

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FNP-0-NDE-100.23  
RTYPE: L1.09

FIGURE 1

## SUPPORT EXAMINATION RECORD VT-3

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit <b>FARLEY /1</b>	Line Number/Examination Area/Weld No. <b>01E11V044</b>			Drawing Number <b>N/A</b>	Sheet No.		
Photos ___ Yes ___ B&W <input checked="" type="checkbox"/> No ___ Color	Sketch ___ Yes <input checked="" type="checkbox"/> No	Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) ___ 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct ___ Video ___ Remote		WO/WA <b>20001706</b> Procedure No. <b>FNP-0-NDE-100.23</b> Revision No. <b>3</b> Examiner/Initial <b>SCOTT R. ERICKSON</b> Level <b>II</b> Sig. <b>SCOTT R. ERICKSON</b> Examiner/Initial <b>N/A</b> Level <b>N/A</b> Date (Month-Day-Year) <b>3-22-00</b>		
Equipment <input checked="" type="checkbox"/> Mirror ___ Magnifier ___ CCTV	Lighting ___ Ambient <input checked="" type="checkbox"/> Flashlight ___ Droplight	Tools <input checked="" type="checkbox"/> Scale ___ Depth Gauge ___ Level ___ Micrometer ___ Comparator ___ Caliper ___ Weld Gauge					
<b>N/A</b> SNUBBERS VT-3	SAT	UN-SAT	N/A	<input checked="" type="checkbox"/> COMP. INTERNALS & MAT'L SURFACE VT-3	SAT	UN-SAT	N/A
Loose Bolt or Pin Connections	___	___	___	Pitting	<input checked="" type="checkbox"/>	___	___
Shaft Seal	___	___	___	Corrosion	<input checked="" type="checkbox"/>	___	___
Fluid Leakage	___	___	___	Erosion	<input checked="" type="checkbox"/>	___	___
Fluid Tubing Condition	___	___	___	Foreign Material	<input checked="" type="checkbox"/>	___	___
Shaft Cleanliness	___	___	___	Gouged Parts	<input checked="" type="checkbox"/>	___	___
Spherical Bearings	___	___	___	Wear	<input checked="" type="checkbox"/>	___	___
Cotter & Clevis Pins Intact	___	___	___	Evidence of Leakage	<input checked="" type="checkbox"/>	___	___
Other**	___	___	___	Other Cracks**	___	___	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet. ** Provide details on other areas examined.				<b>N/A</b> HANGER & SUPPORTS VT-3 Setting: ___ ___ ___ Hot ___ Cold ___ Misalignment ___ ___ ___ Damaged Members ___ ___ ___ Gouges ___ ___ ___ Arc Strikes ___ ___ ___ Grind Marks ___ ___ ___ Freedom of Movement ___ ___ ___ Other** ___ ___ ___			
Comments <b>EXAMINED FLANGE, GASKET SEATING SURFACE AND (15) STUDS IN PLACE - SAT. EXAMINED (1) STUD AFTER REMOVAL FROM VALVE BODY - NO VISIBLE WASTAGE OF CROSS SECTIONAL AREA OR THREADED SURFACES NOTED. SRE 3-22-00</b>							

03/18/00 13:55:19

SHARED  
FIGURE 1

FNP-0-NDE-100.21  
RTYPE: L1.09

## VISUAL EXAMINATION RECORDED VT-1

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1	Line Number/Examination Area/Weld No. <b>Q1E11V044</b>			Drawing Number <b>N/A</b>	Sheet No.			
Photos ___ Yes    ___ B&W <input checked="" type="checkbox"/> No    ___ Color	Sketch ___ Yes <input checked="" type="checkbox"/> No	Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) ___ 1/32" Line (Gray Card)		Technique <input checked="" type="checkbox"/> Direct    ___ Video ___ Remote		<input checked="" type="checkbox"/> WO/WA <b>20001706</b>		
						Procedure No. FNP-0-NDE-100.21		
						Revision No. <b>1</b>		
						Examiner/Initial <b>SCOTT R. ERICKSON</b> Level <b>II</b> Sig. <b>SCOTT R. ERICKSON</b>		
Equipment <input checked="" type="checkbox"/> Mirror ___ Magnifier ___ CCTV	Lighting ___ Ambient <input checked="" type="checkbox"/> Flashlight ___ Droplight	Tools <input checked="" type="checkbox"/> Scale    ___ Depth Gauge    ___ Level ___ Micrometer    ___ Comparator ___ Caliper    ___ Weld Gauge		Examiner/Initial Sig. <b>N/A</b> Level <b>N/A</b>				
				Date (Month-Day-Year)				
				<b>3-22-00</b>				
<b>N/A WELDS &amp; BASE MATERIAL VT-1</b>			<b>UN-SAT</b>			<b>N/A</b>		
Ground Blend Material Undercut Corrosion build-Up Gouges Evidence of Leakage Arc Strikes Cracks Other **			SAT ___ ___ ___ ___ ___ ___ ___			UN-SAT ___ ___ ___ ___ ___ ___ ___		
* Provide details on unsat areas by use of supplemental data sheet. ** Provide details on other areas examined			<b>UN-SAT</b>			<b>N/A</b>		
<b>N/A BOLTS, STUDS, AND WASHERS VT-1</b>			SAT			UN-SAT		
Loose Members Cracks Corrosion Gouges Thread Damage Deformation Protective Coating Evidence of Leakage Other**			___ <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> ___			___ ___ ___ ___ ___ ___ ___		
Comments <b>EXAMINED (1) STUD AFTER REMOVAL FROM VALVE BODY. EXAMINED (15) STUDS IN PLACE.</b> <b>NO VISIBLE WASTAGE OF CROSS SECTIONAL AREA OR THREADED SURFACES NOTED. SEE 3-22-00</b>								

02/28/00 07:55:50

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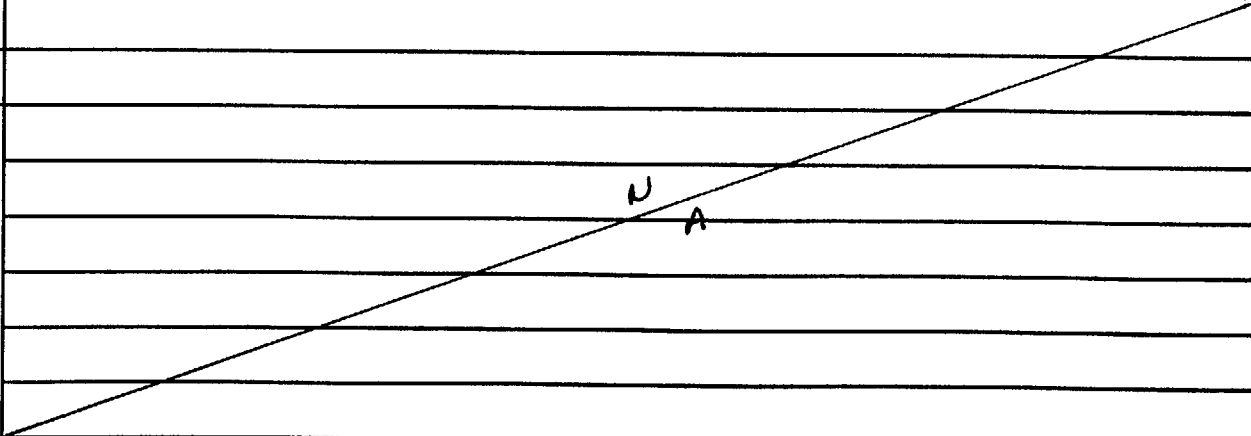
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <i>TPNS</i> <i>QIE21V051A</i>	Drawing Number <i>D-351115 SHT. 1</i>
WO/WA No. <i>99008140</i>		System Boundaries  <i>LOOP 3. COLD LEG SAFETY INJECTION</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>	<i>CHECK VALVE BODY TO BONNET JOINT.</i>	
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-7-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RR-27</i>			

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FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <sup>TPNS</sup> QIEZ1V051B	Drawing Number D-351115 SHT.1
WO#WA No. 99008134		System Boundaries  LOOP 2 COLD LEG SAFETY INJECTION CHECK VALVE BODY TO BONNET JOINT.	
Procedure No. FNP-0-NDE-100.22			
Revision No. 2			
Examiner Scott R. Erickson	Level II		
Examiner N/A	Level N/A		
Date (Month-Day-Year) 3-7-00			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas N/A			
Comments REF. RR-27			

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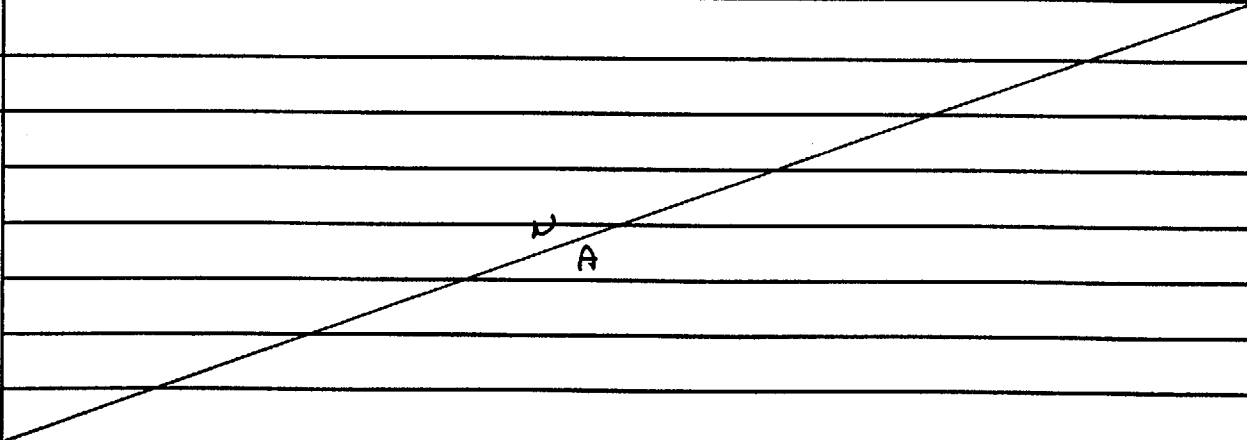
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY //		Data Package <i>TPNS QIEZIV051C</i>	Drawing Number <i>D-351115 SHT 1</i>
WO/WA No. <i>99008125</i>		System Boundaries  <i>RCS COLD LEG LOOP 1 SAFETY INJECTION</i>  <i>CHECK VALVE BODY TO BONNET JOINT.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-8-00</i>			
SKETCH			
Examination (Per Para. 7.5)			
<input type="checkbox"/> Sat <input checked="" type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>SEE FIGURE 2 - PAGE 2 OF 2</i>			
Comments <i>REF. RR-27</i>			

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FNP-0-NDE-100.22

RTYPE: L1.09

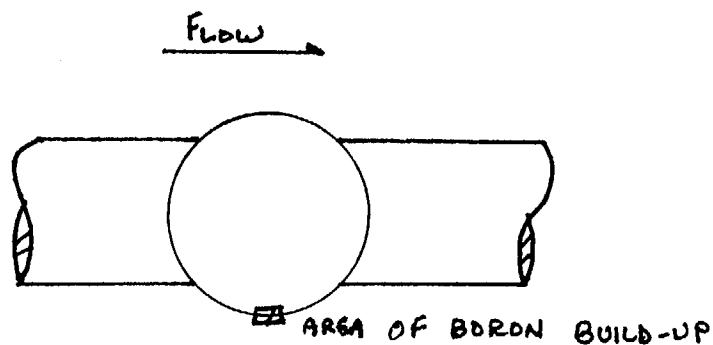
FIGURE 2

## VISUAL EXAMINATION SUPPLEMENTAL DATA SHEET

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1	Line Number/Examination Area/Weld No. Q1E21V051C		Drawing Number D-351115 SHT 1		
WO/WA No. 99008125	Date (Month-Day-Year) 3-8-00	Examiner Scott R. Erickson	Level II	Location CTMT LOOP1 126' EL.	
Procedure No. FNP-0-NDE-100.22					
Revision No. 2					



Comments: LIGHT DRY BORON BUILD-UP ON GASKET AREA.

Page 2 of 2

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# SHARED

FIGURE 1

FNP-0-NDE-100.21  
RTYPE: L1.09

## VISUAL EXAMINATION RECORDED VT-1

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /	Line Number/Examination Area/Weld No. <i>Q1E11V051C</i>			Drawing Number <i>N/A</i>	Sheet No.		
Photos ___ Yes    ___ B&W <input checked="" type="checkbox"/> No    ___ Color	Sketch ___ Yes <input checked="" type="checkbox"/> No	Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) ___ 1/32" Line (Gray Card)	Technique <input checked="" type="checkbox"/> Direct ___ Video ___ Remote	WO/WA <i>20001774</i>			
				Procedure No. FNP-0-NDE-100.21			
				Revision No. <i>1</i>			
				Examiner/Initial <i>Scott R. Erickson</i>	Level <i>II</i>		
Equipment <input checked="" type="checkbox"/> Mirror ___ Magnifier ___ CCTV	Lighting ___ Ambient <input checked="" type="checkbox"/> Flashlight ___ Droplight	Tools <input checked="" type="checkbox"/> Scale ___ Micrometer ___ Caliper	___ Depth Gauge ___ Comparator ___ Weld Gauge ___ Level	Examiner/Initial Sig. <i>N/A</i>	Level		
				Date (Month-Day-Year) <i>03-21-00</i>			
<b><i>N/A</i> WELDS &amp; BASE MATERIAL VT-1</b>			<b><input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1</b>				
	SAT	UN-SAT	N/A		SAT	UN-SAT	N/A
Ground Blend Material	___	___	___	Loose Members	___	___	<input checked="" type="checkbox"/>
Undercut	___	___	___	Cracks	<input checked="" type="checkbox"/>	___	___
Corrosion build-Up	___	___	___	Corrosion	<input checked="" type="checkbox"/>	___	___
Gouges	___	___	___	Gouges	<input checked="" type="checkbox"/>	___	___
Evidence of Leakage	___	___	___	Thread Damage	<input checked="" type="checkbox"/>	___	___
Arc Strikes	___	___	___	Deformation	<input checked="" type="checkbox"/>	___	___
Cracks	___	___	___	Protective Coating	<input checked="" type="checkbox"/>	___	___
Other **	___	___	___	Evidence of Leakage	___	___	<input checked="" type="checkbox"/>
				Other**	___	___	<input checked="" type="checkbox"/>
* Provide details on unsat areas by use of supplemental data sheet. ** Provide details on other areas examined				* MINOR TOOL MARKS ON NUT SEE 3-21-00			
Comments <i>EXAMINED (1) STUD AFTER REMOVAL FOR INSPECTION. NO VISIBLE WASTAGE OF CROSS SECTIONAL AREA OR THREAD SURFACES NOTED AT THE TIME OF EXAM.</i>							

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FNP-0-NDE-100.23  
RTYPE: L1.09

FIGURE 1

## SUPPORT EXAMINATION RECORD VT-3

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit <b>FARLEY /</b>	Line Number/Examination Area/Weld No. <b>Q1E11 V051C</b>			Drawing Number <b>N/A</b>			Sheet No.				
Photos ___ Yes ___ B&W <input checked="" type="checkbox"/> No ___ Color		Sketch ___ Yes <input checked="" type="checkbox"/> No		Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) ___ 1/32" Line (Gray Card)		Technique <input checked="" type="checkbox"/> Direct ___ Video ___ Remote		WO/WA <b>20001774</b>			
								Procedure No. <b>FNP-0-NDE-100.23</b>			
								Revision No. <b>3</b>			
								Examiner/Initial <b>SCOTT R. ERICKSON</b> Sig. <b>Scott R. Erickson</b> Level <b>II</b>			
Equipment <input checked="" type="checkbox"/> Mirror ___ Magnifier ___ CCTV		Lighting ___ Ambient <input checked="" type="checkbox"/> Flashlight ___ Droplight		Tools <input checked="" type="checkbox"/> Scale ___ Micrometer ___ Caliper		___ Depth Gauge ___ Comparator ___ Weld Gauge		Examiner/Initial Sig. <b>N/A</b> Level			
								Date (Month-Day-Year) <b>03-21-00</b>			
<b>N/A</b> SNUBBERS VT-3 SAT UN-SAT N/A Loose Bolt or Pin Connections Shaft Seal Fluid Leakage Fluid Tubing Condition Shaft Cleanliness Spherical Bearings Cotter & Clevis Pins Intact Other**				<input checked="" type="checkbox"/> COMP. INTERNALS & MAT'L SURFACE VT-3 SAT UN-SAT N/A Pitting Corrosion Erosion Foreign Material Gouged Parts Wear Evidence of Leakage Other Cracks**				<b>N/A</b> HANGER & SUPPORTS VT-3 SAT UN-SAT N/A Setting: Hot ___ Cold ___ Misalignment Damaged Members Gouges Arc Strikes Grind Marks Freedom of Movement Other**			
* Provide details on unsat areas by use of supplemental data sheet.											
** Provide details on other areas examined.				* MINOR TOOL MARKS ON NUT SEE 3-21-00							
Comments <b>EXAMINED (1) STUD AFTER REMOVAL FOR INSPECTION. NO VISIBLE WASTAGE OF CROSS SECTIONAL AREA OR THREAD SURFACES AT THE TIME OF THE EXAM.</b>											

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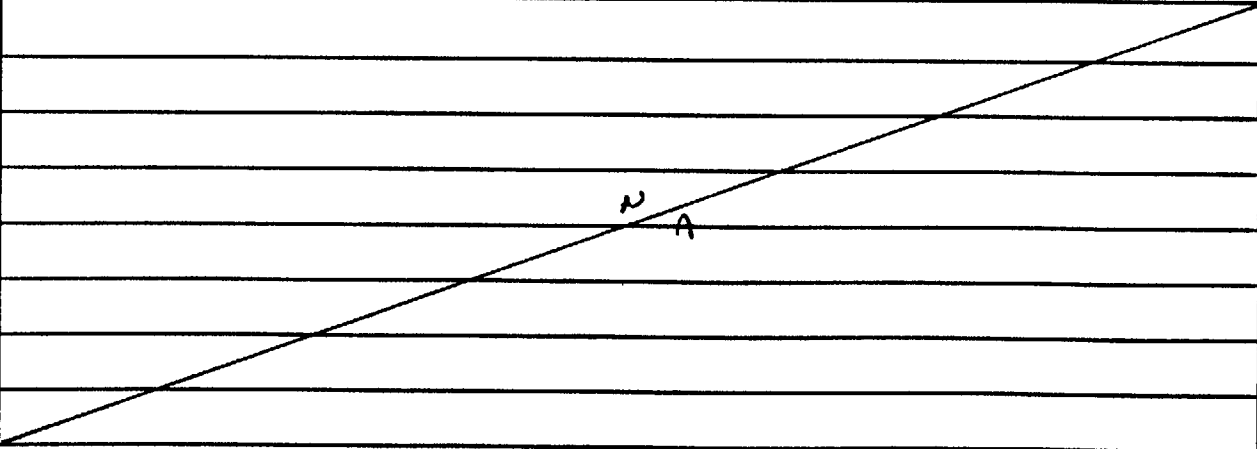
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <i>TPNS</i> <i>QIEZ1V016A</i>	Drawing Number <i>D-351115 SHT. 1</i>
WO(WA) No. <i>W00600211</i>		System Boundaries  <i>SAFETY INJECTION BIT BYPASS ISOLATION</i> <i>VALVE BODY TO BONNET JOINT.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Paul Suberio</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>2-28-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RR-27</i>			

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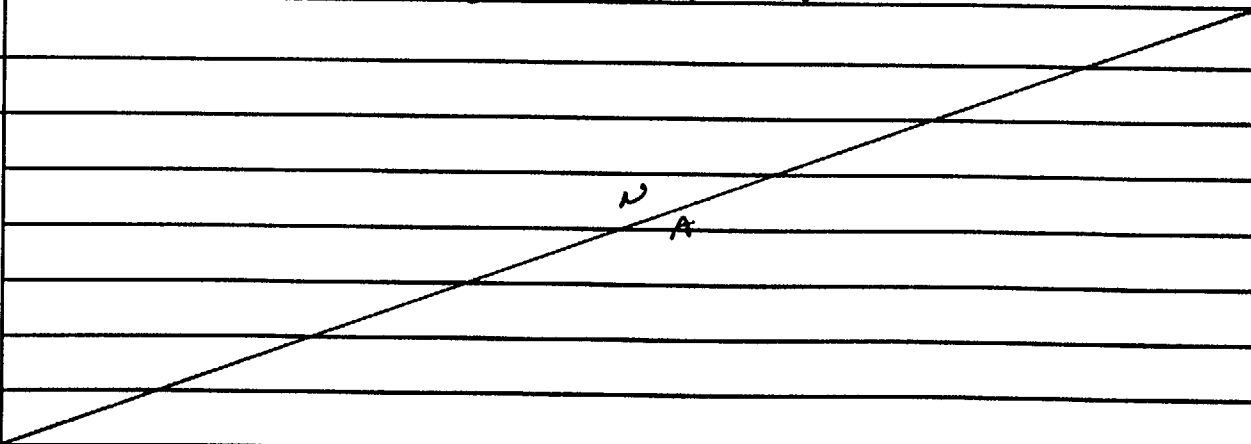
FNP-0-NDE-100.22

FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY/1		Data Package <i>TPNS</i> <i>Q1E21V0168</i>	Drawing Number <i>D-351115 SHT.1</i>
WO(NA) No. <i>W00600211</i>		System Boundaries  <i>SAFETY INJECTION BIT BYPASS ISOLATION</i> <i>VALVE BODY TO BONNET JOINT.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>2-29-00</i>			
SKETCH			
Examination (Per Para. 7.5) _____ Sat <input checked="" type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>SEE FIGURE 2 - PAGE 2 OF 2</i>			
Comments <i>REF. RR-27 MW6 20001434 written to clean valve stem and check packing.</i> <i>Not a Code item, Reinspection not required. Charles W Dean 5/15/00</i>			

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FNP-0-NDE-100.22

RTYPE: L1.09

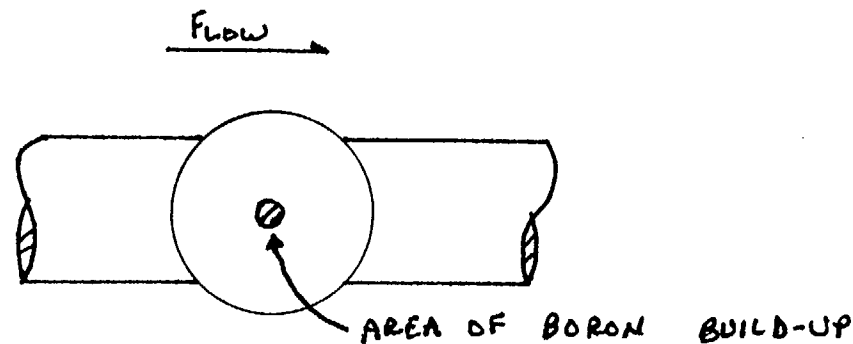
FIGURE 2

## VISUAL EXAMINATION SUPPLEMENTAL DATA SHEET

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1	Line Number/Examination Area/Weld No. Q1E21 V016B	Drawing Number D-351115 SHT-1		
WO/WA No. W00600211	Date (Month-Day-Year) 2-29-00	Examiner Scott R. Erickson	Level II	Location A/B 100' EL. Rm 172
Procedure No. FNP-0-NDE-100.22				
Revision No. 2				



Comments: MODERATE DRY BORON BUILD-UP ON VALVE STEM

Page 2 of 2

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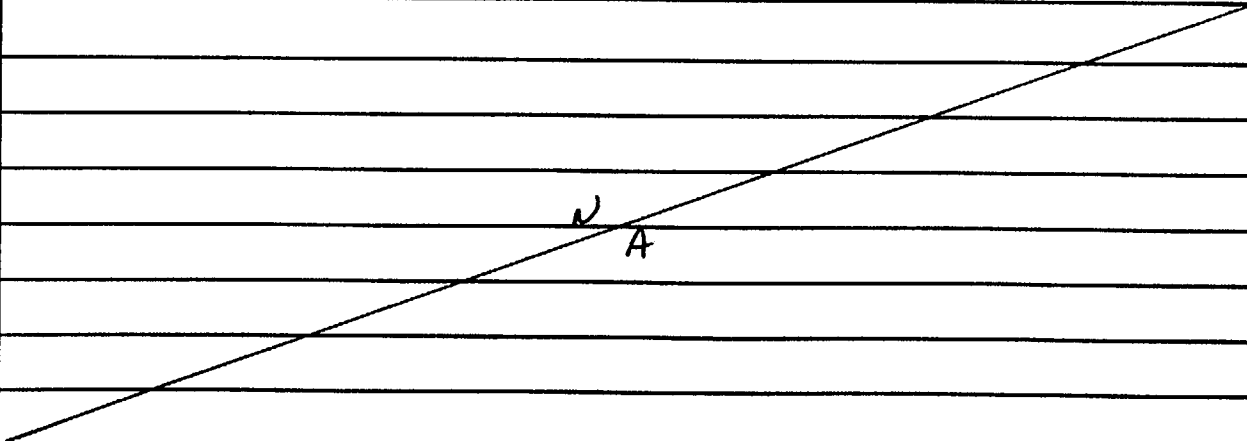
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <sup>TPNS</sup> Q1E21V032A	Drawing Number D-351115 SHT. 2
WOJWA No. 99008147		System Boundaries  LOOP 1 ACCUMULATOR SAFETY INJECTION CHECK VALVE BODY TO BONNET JOINT.	
Procedure No. FNP-0-NDE-100.22			
Revision No. 2			
Examiner Scott R. Erickson	Level II		
Examiner N/A	Level N/A		
Date (Month-Day-Year) 3-7-00			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas N/A			
Comments REF. RR-27			

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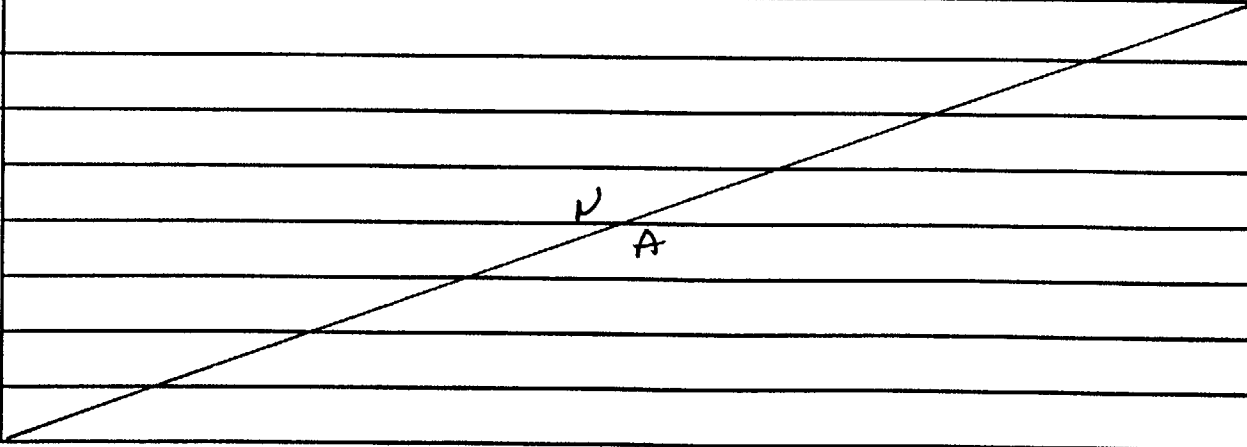
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <i>TPNS</i> <i>QIEZ1V032B</i>	Drawing Number <i>D-351115 SHT. 2</i>
WO/WA No. <i>99008148</i>		System Boundaries  <i>LOOP 2 ACCUMULATOR SAFETY INJECTION</i>  <i>CHECK VALVE BODY TO BONNET JOINT.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Epichoon</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-7-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RR-27</i>			

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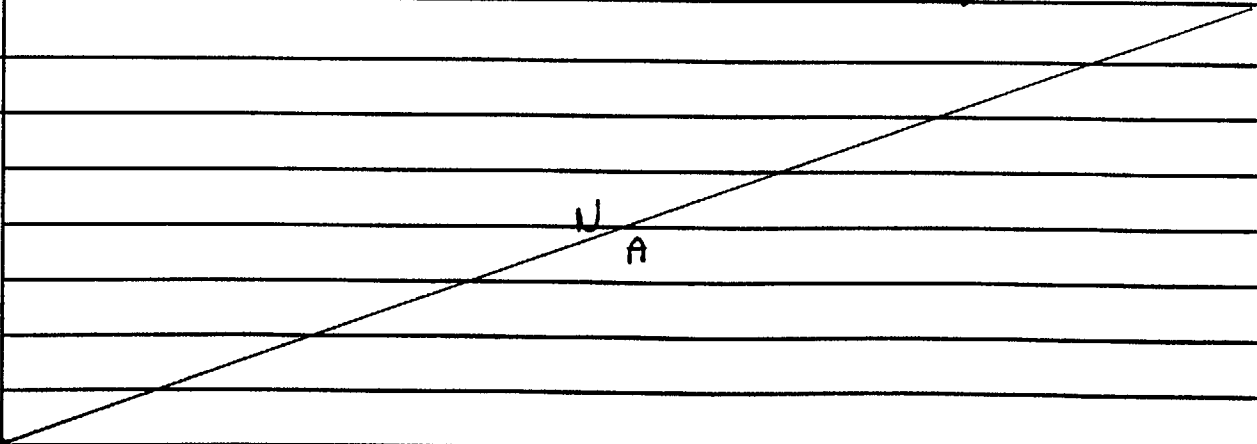
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <i>TPNS</i> <i>QIEZIV032C</i>	Drawing Number <i>D-351115 SH7.2</i>
WO/WA No. <i>99008149</i>		System Boundaries  <i>LOOP 3 ACCUMULATOR SAFETY INJECTION</i> <i>CHECK VALVE BODY TO BONNET JOINT.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-7-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RR-27</i>			

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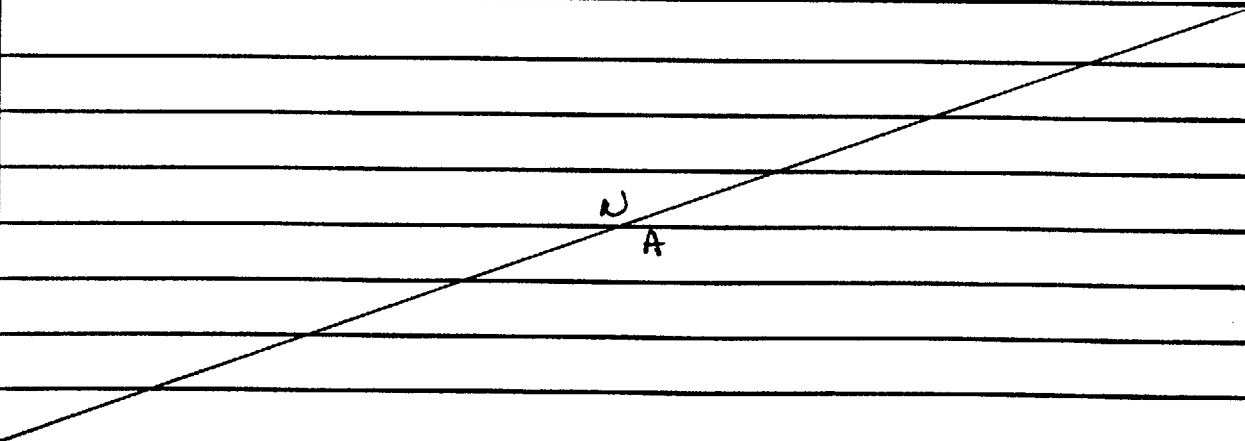
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY/1		Data Package <i>TPNS</i> <i>Q1E21V063</i>	Drawing Number <i>D-351115 SHT. 1</i>
WO/WA No. <i>W00600211</i>		System Boundaries  <i>SAFETY INJECTION TO RCS COLD LEGS</i> <i>ISOLATION VALVE BODY TO BONNET JOINT.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-13-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RE-27</i>			

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FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <i>TPNS</i> <i>QIEZ1V068</i>	Drawing Number <i>0-351115</i> <i>JHT.1</i>
WO/WA No. <i>W006002.1</i>		System Boundaries  <i>SAFETY INJECTION TO RCS HOT LEGS ISOLATION</i>  <i>VALVE BODY TO BONNET JOINT.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. 2			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-13-00</i>			
SKETCH			
Examination (Per Para. 7.5) _____ Sat <input checked="" type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>SEE FIGURE 2 - PAGE 2 OF 2</i>			
Comments <i>REF. RR-27 MWO 20001892 WRITTEN TO CLEAN VALVE STEM AND CHECK PACKING.</i> <i>Not a Safe item, Reinspection Not Required. Charles W Dean 5/15/00</i>			

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FNP-0-NDE-100.22  
RTYPE: L1.09

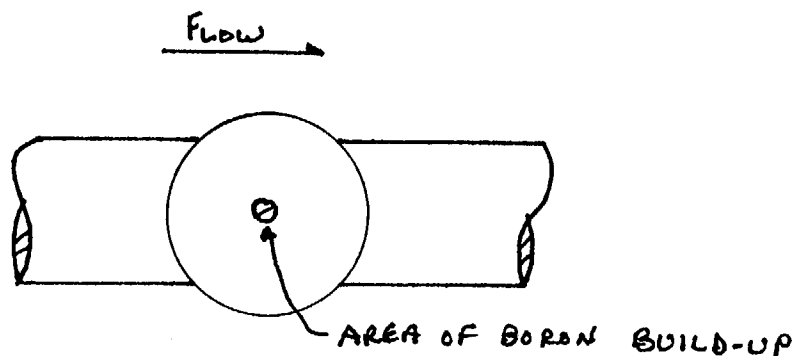
FIGURE 2

## VISUAL EXAMINATION SUPPLEMENTAL DATA SHEET

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY / 1	Line Number/Examination Area/Weld No. Q1E21V068	Drawing Number D-351115 SH.T.1		
WO/WA No. W00600211	Date (Month-Day-Year) 3-13-00	Examiner Scott R. Erickson	Level II	Location AB 121' EL RM 223
Procedure No. FNP-0-NDE-100.22				
Revision No. 2				



Comments: MODERATE DRY BORON BUILD-UP ON VALVE STEM.

Page 2 of 2

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FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <sup>TPNS</sup> QIEZ1V072	Drawing Number D-351115 SHT.1
WO/WA No. W00600211		System Boundaries  SAFETY INJECTION TO RCS HOT LEGS ISOLATION VALVE BODY TO BONNET JOINT.	
Procedure No. FNP-0-NDE-100.22			
Revision No. 2			
Examiner Scott R. Erickson	Level II		
Examiner N/A	Level N/A		
Date (Month-Day-Year) 3-13-00			
SKETCH			
Examination (Per Para. 7.5) <div style="display: flex; justify-content: space-around;"> <span>___ Sat</span> <span><input checked="" type="checkbox"/> *Unsat</span> </div>			
*Provide details on unsat areas SEE FIGURE 2 - PAGE 2 OF 2			
Comments REF. RR-27 <sup>2000/1893</sup> MWO, written to clean valve stem and check packing. Not a Code item, reinspection not required. Charles W. Dean 5/15/00			

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FNP-0-NDE-100.22  
RTYPE: L1.09

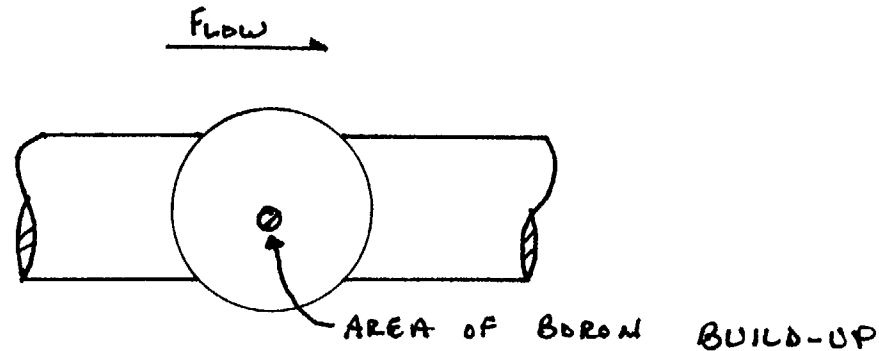
FIGURE 2

## VISUAL EXAMINATION SUPPLEMENTAL DATA SHEET

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1	Line Number/Examination Area/Weld No. Q1E21V072	Drawing Number D-351115 SHT-1		
WO(WA) No. W00600211	Date (Month-Day-Year) 3-13-00	Examiner Scott R. Erickson	Level II	Location AB 100' EL. RM 184
Procedure No. FNP-0-NDE-100.22				
Revision No. 2				



Comments: LIGHT DRY BORON BUILD-UP ON VALVE STEM.

Page 2 of 2

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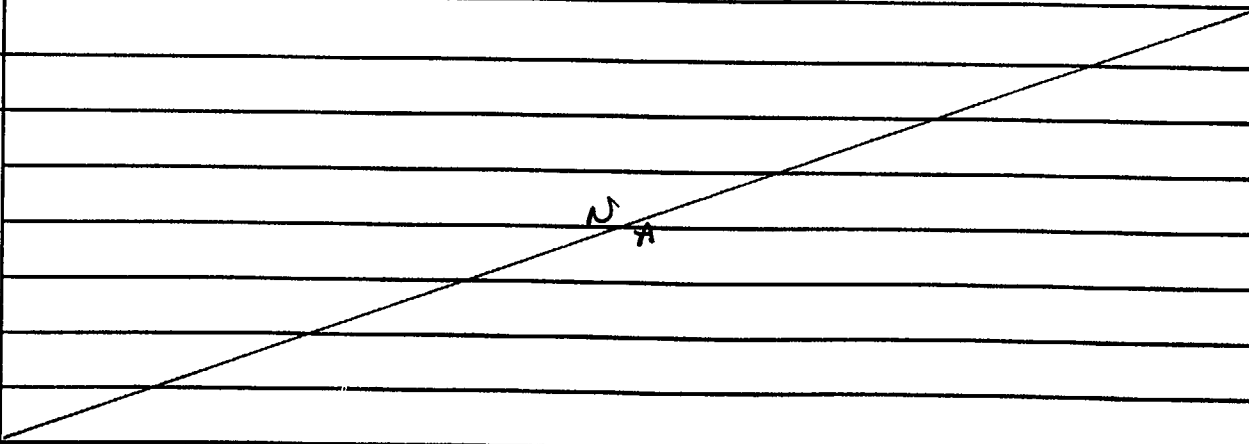
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <sup>TPNS</sup> Q1E21V077A	Drawing Number D-351115 SHT. 1
(WO)WA No. 99008127		System Boundaries	
Procedure No. FNP-0-NDE-100.22			
Revision No. 2			
Examiner <u>Scott R. Erickson</u>	Level <u>II</u>	RCS HOT LEG LOOP 1 SAFETY INJECTION CHECK VALVE BODY TO BONNET JOINT.	
Examiner <u>N/A</u>	Level <u>N/A</u>		
Date (Month-Day-Year) <u>3-7-00</u>			
SKETCH			
Examination (Per Para. 7.5)			
<input type="checkbox"/> Sat <input checked="" type="checkbox"/> *Unsat			
*Provide details on unsat areas <u>SEE FIGURE 2 - PAGE 2 OF 2</u>			
Comments <u>REF. RR-27</u>			

02/28/00 07:55:50

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FNP-0-NDE-100.22

RTYPE: L1.09

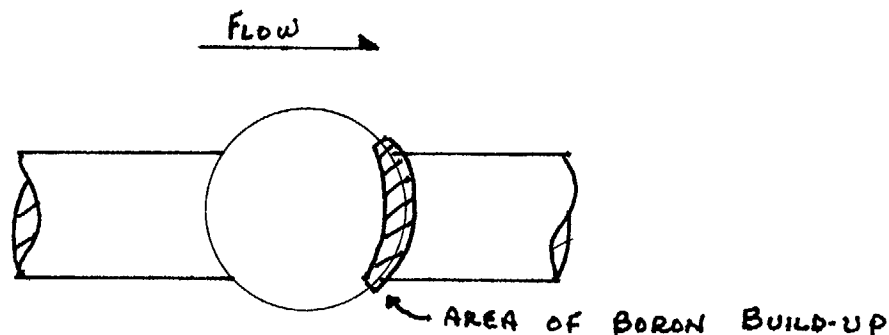
FIGURE 2

## VISUAL EXAMINATION SUPPLEMENTAL DATA SHEET

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1	Line Number/Examination Area/Weld No. Q1E2/V077A	Drawing Number D-3511/5 SHT.1		
WO/WA No. 99008127	Date (Month-Day-Year) 3-7-00	Examiner Scott R. Erickson	Level II	Location CTMT LOOP1 126' EL.
Procedure No. FNP-0-NDE-100.22				
Revision No. 2				



Comments: LIGHT DRY BORON BUILD-UP ON GASKET AREA AND VALVE BOLTING.

Page 2 of 2

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FNP-0. 3-100.23

RTYPE: L1.09

FIGURE 1

## SUPPORT EXAMINATION RECORD VT-3

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit <i>Farley 1</i>	Line Number/Examination Area/Weld No. <i>Q1E21V077A</i>			Drawing Number <i>N/A</i>			Sheet No.		
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 <i>20001938</i>	
								Procedure No. <i>FNP-0-NDE-100.23</i>	
								Revision No. <i>3</i>	
						Examiner/Initial <i>M. GRELL</i>		Level <i>III</i>	
						Examiner/Initial <i>N/A</i>		Level	
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"/> Micrometer <input type="checkbox"/> Caliper		<input type="checkbox"/> Depth Gauge <input type="checkbox"/> Comparator <input type="checkbox"/> Weld Gauge		Date (Month-Day-Year) <i>4.3.00</i>	
<i>N/A</i> SNUBBERS VT-3      SAT      UN-SAT <i>N/A</i>			<input checked="" type="checkbox"/> COMP. INTERNALS & MAT'L SURFACE VT-3      SAT      UN-SAT <i>N/A</i>			<i>N/A</i> HANGER & SUPPORTS VT-3      SAT      UN-SAT <i>N/A</i>			
Loose Bolt or Pin Connections Shaft Seal Fluid Leakage Fluid Tubing Condition Shaft Cleanliness Spherical Bearings Cotter & Clevis Pins Intact Other**			Pitting Corrosion Erosion Foreign Material Gouged Parts Wear Evidence of Leakage Other Cracks**			Setting: Hot ____ Cold ____ Misalignment Damaged Members Gouges Arc Strikes Grind Marks Freedom of Movement Other**			
* Provide details on unsat areas by use of supplemental data sheet. ** Provide details on other areas examined.			<i>examined studs removed, remaining 1/p</i>						
Comments <i>examined studs and gasket mating surfaces, no anomalies noted @ time of exam M4 4.3.00</i>									

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# SHARED

FIGURE 1

FNP-0 E-100.21

RTYPE: L1.09

## VISUAL EXAMINATION RECORDED VT-1

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY 1	Line Number/Examination Area/Weld No. Q1E21V077A			Drawing Number N/A		Sheet No.	
Photos ___ Yes ___ B&W <input checked="" type="checkbox"/> No ___ Color	Sketch ___ Yes <input checked="" type="checkbox"/> No	Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) ___ 1/32" Line (Gray Card)		Technique <input checked="" type="checkbox"/> Direct ___ Remote ___ Video		WO/WA 2000 1938 Procedure No. FNP-0-NDE-100.21 Revision No. 1 Examiner/Initial M. GRELL Sig. <i>M. Grell</i> Level A Examiner/Initial Sig. N/A Level Date (Month-Day-Year) 4-3-00	
Equipment <input checked="" type="checkbox"/> Mirror ___ Magnifier ___ CCTV	Lighting ___ Ambient <input checked="" type="checkbox"/> Flashlight ___ Droplight	Tools <input checked="" type="checkbox"/> Scale ___ Micrometer ___ Caliper ___ Depth Gauge ___ Comparator ___ Weld Gauge ___ Level					
N/A WELDS & BASE MATERIAL VT-1 Ground Blend Material Undercut Corrosion build-Up Gouges Evidence of Leakage Arc Strikes Cracks Other ** * Provide details on unsat areas by use of supplemental data sheet. ** Provide details on other areas examined				<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1 Loose Members Cracks Corrosion Gouges Thread Damage Deformation Protective Coating Evidence of Leakage Other** examined 1 STUD after removal from Valve Body, remaining F/P			
Comments no visible wastage of cross sectional area or threaded surfaces noted @ time of exam MM 4-3-00							

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SHARED

FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <sup>TPNS</sup> Q1E21V077B	Drawing Number D-351115 SHT. 1		
WO/WA No. 99008135		System Boundaries  LOOP 2 HOT LEG SAFETY INJECTION CHECK VALVE BODY TO BONNET JOINT.			
Procedure No. FNP-0-NDE-100.22					
Revision No. 2					
Examiner Scott R. Erickson	Level II				
Examiner N/A	Level N/A				
Date (Month-Day-Year) 3-13-00					
SKETCH					
Examination (Per Para. 7.5)					
<input type="checkbox"/> Sat <input checked="" type="checkbox"/> *Unsat					
*Provide details on unsat areas SEE FIGURE 2 - PAGE 2 OF 2					
Comments REF. RR-27					

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FNP-0-NDE-100.22  
RTYPE: L1.09

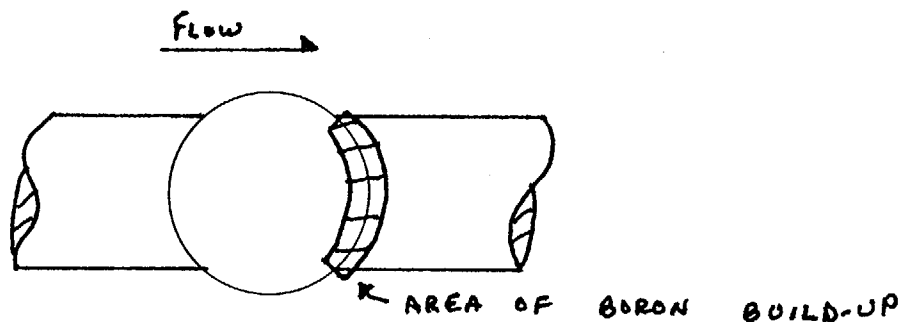
FIGURE 2

## VISUAL EXAMINATION SUPPLEMENTAL DATA SHEET

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1	Line Number/Examination Area/Weld No. Q1E21V077B		Drawing Number D-351115 SMT.1		
WO/WA No. 99008135	Date (Month-Day-Year)	Examiner	Level	Location	
Procedure No. FNP-0-NDE-100.22	3-13-00	Scott R. Erickson	II	CTMT LOOP 2 126' EL.	
Revision No. 2					



Comments: LIGHT DRY BORON BUILD-UP ON GASKET AREA.

Page 2 of 2

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FNP-0 3-100.23

RTYPE: L1.09

FIGURE 1

## SUPPORT EXAMINATION RECORD VT-3

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit <b>FARLEY/1</b>		Line Number/Examination Area/Weld No. <b>Q1E21V077B</b>				Drawing Number <b>N/A</b>		Sheet No.			
<b>Photos</b> ___ Yes ___ B&W <input checked="" type="checkbox"/> No ___ Color		<b>Sketch</b> ___ Yes <input checked="" type="checkbox"/> No		<b>Resolution</b> <input checked="" type="checkbox"/> 1/32" Division (Scale) ___ 1/32" Line (Gray Card)		<b>Technique</b> <input checked="" type="checkbox"/> Direct ___ Video ___ Remote		<b>WO/WA</b> <b>20001946</b> <b>Procedure No.</b> <b>FNP-0-NDE-100.23</b> <b>Revision No.</b> <b>3</b> <b>Examiner/Initial</b> <b>M-GRELL</b> <b>Sig.</b> <i>Manfred Grell</i> <b>Level</b> <b>II</b> <b>Examiner/Initial</b> <b>Sig.</b> <b>N/A</b> <b>Level</b> <b>Date (Month-Day-Year)</b> <b>4/3/00</b>			
<b>Equipment</b> <input checked="" type="checkbox"/> Mirror ___ Magnifier ___ CCTV		<b>Lighting</b> ___ Ambient <input checked="" type="checkbox"/> Flashlight ___ Droplight		<b>Tools</b> <input checked="" type="checkbox"/> Scale ___ Micrometer ___ Caliper ___ Depth Gauge ___ Comparator ___ Weld Gauge ___ Level							
<b>N/A SNUBBERS VT-3</b> SAT UN-SAT N/A Loose Bolt or Pin Connections ___ Shaft Seal ___ Fluid Leakage ___ Fluid Tubing Condition ___ Shaft Cleanliness ___ Spherical Bearings ___ Cotter & Clevis Pins Intact ___ Other** ___ * Provide details on unsat areas by use of supplemental data sheet. ** Provide details on other areas examined.				<b>COMP. INTERNALS &amp; MAT'L SURFACE VT-3</b> SAT UN-SAT N/A Pitting <input checked="" type="checkbox"/> Corrosion <input checked="" type="checkbox"/> Erosion <input checked="" type="checkbox"/> Foreign Material <input checked="" type="checkbox"/> Gouged Parts <input checked="" type="checkbox"/> Wear <input checked="" type="checkbox"/> Evidence of Leakage <input checked="" type="checkbox"/> Other Cracks** ___ Examined 12 studs total. 9 1/P and 3 removed from Valve body.				<b>N/A HANGER &amp; SUPPORTS VT-3</b> SAT UN-SAT N/A Setting: ___ Hot ___ Cold ___ Misalignment ___ Damaged Members ___ Gouges ___ Arc Strikes ___ Grind Marks ___ Freedom of Movement ___ Other** ___			
<b>Comments</b> <b>examined 12 STUDS - 12 NUTS and valve &amp; bonnet Gasket surfaces. no abnormalities noted @</b> <b>Time of exam. 11/54-3-00</b>											

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# SHARED

FIGURE 1

 FNP-0 E-100.21  
 RTYPE: L1.09

## VISUAL EXAMINATION RECORDED VT-1

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY / 1	Line Number/Examination Area/Weld No. Q1E21V077B			Drawing Number N/A		Sheet No.	
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"/> Remote	WO/WA 2000 1946 Procedure No. FNP-0-NDE-100.21 Revision No. 1 Examiner/Initial M. GRELL Sig. <i>M. Grell</i> Level II Examiner/Initial Sig. Level Date (Month-Day-Year) 4-3-00			
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"/> Caliper <input type="checkbox"/> Weld Gauge					
W/A WELDS & BASE MATERIAL VT-1			BOLTS, STUDS, AND WASHERS VT-1				
SAT UN-SAT N/A Ground Blend Material Undercut Corrosion build-Up Gouges Evidence of Leakage Arc Strikes Cracks Other **			SAT UN-SAT N/A Loose Members Cracks Corrosion Gouges Thread Damage Deformation Protective Coating Evidence of Leakage Other**				
* Provide details on unsat areas by use of supplemental data sheet. ** Provide details on other areas examined			examined 3 STUDS Removed from Valvebody 9 studs I/P				
Comments No Visible Wastage of cross sectional area or threaded surfaces noted @ time of exam MW 4/3/00							

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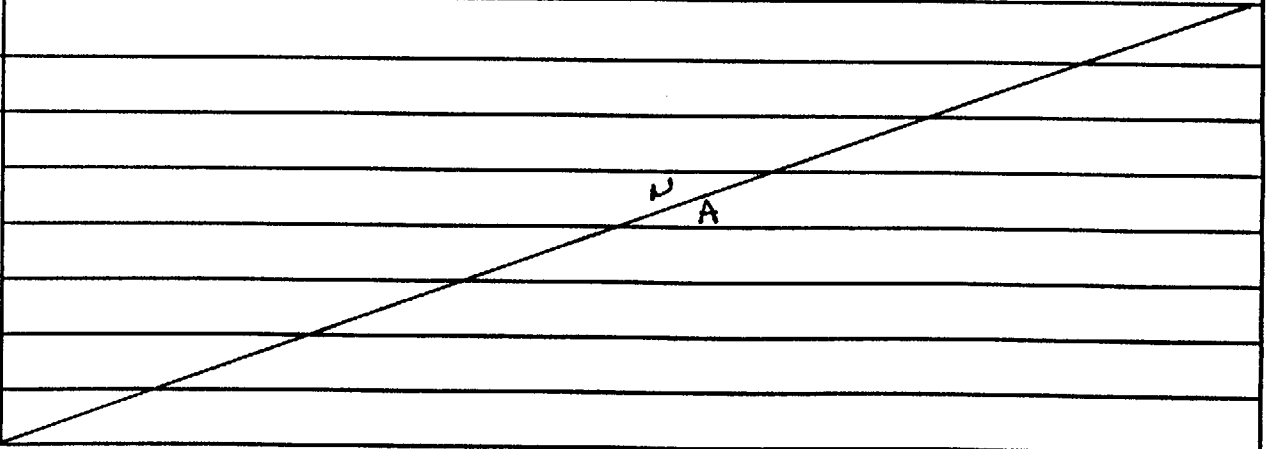
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <i>TPNS</i> <i>01E21V027C</i>	Drawing Number <i>D-351115 SHT.1</i>
(WO)WA No. <i>99008141</i>		System Boundaries  <i>SAFETY INJECTION TO LOOP 3 HOT LEG</i> <i>CHECK VALVE BODY TO BONNET JOINT.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-10-00</i>			
SKETCH			
Examination (Per Para. 7.5)			
<input type="checkbox"/> Sat <input checked="" type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>SEE FIGURE 2 PAGE 2 OF 2</i>			
Comments <i>REF. RR-27</i>			

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FNP-0-NDE-100.22

RTYPE: L1.09

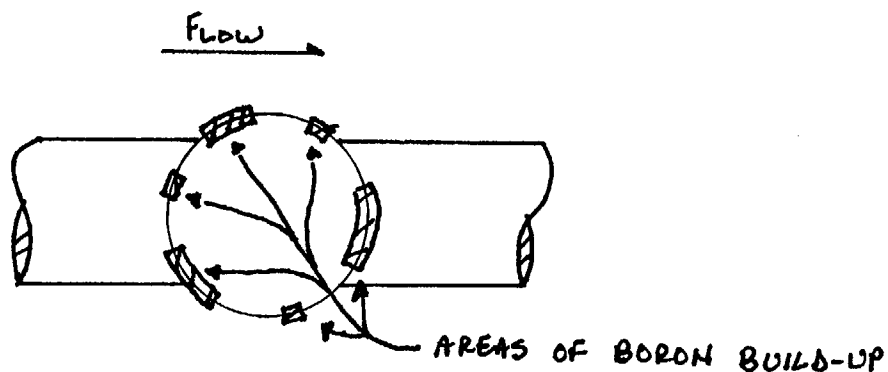
FIGURE 2

## VISUAL EXAMINATION SUPPLEMENTAL DATA SHEET

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY / 1	Line Number/Examination Area/Weld No. Q1E21V077C	Drawing Number D-351115 SMT.1		
WO/WA No. 99008141	Date (Month-Day-Year) 3-10-00	Examiner Scott R. Erickson	Level II	Location CTMT LOOP 3 ELEV. 126'
Procedure No. FNP-0-NDE-100.22				
Revision No. 2				



Comments: LIGHT DRY BORON BUILD-UP ON BASKET AREA AND BOLTING.

Page 2 of 2

## SHADED

FIGURE 1

## SUPPORT EXAMINATION RECORD VT-3

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit <b>FARLEY / 1</b>	Line Number/Examination Area/Weld No. <b>Q1E21 V077 C</b>			Drawing Number <b>N/A</b>			Sheet No.		
<b>Photos</b> ___ Yes ___ B&W <input checked="" type="checkbox"/> No ___ Color		<b>Sketch</b> ___ Yes <input checked="" type="checkbox"/> No	<b>Resolution</b> <input checked="" type="checkbox"/> 1/32" Division (Scale) ___ 1/32" Line (Gray Card)	<b>Technique</b> <input checked="" type="checkbox"/> Direct ___ Video ___ Remote			<b>WO/WA</b> <b>20001838</b> <b>Procedure No.</b> <b>FNP-0-NDE-100.23</b> <b>Revision No.</b> <b>3</b> <b>Examiner/Initial</b> <b>M. GRELL</b> <b>Sig.</b> <i>M. Grell</i> <b>Level</b> <b>II</b>		
<b>Equipment</b> <input checked="" type="checkbox"/> Mirror ___ Magnifier ___ CCTV		<b>Lighting</b> ___ Ambient <input checked="" type="checkbox"/> Flashlight ___ Droplight	<b>Tools</b> <input checked="" type="checkbox"/> Scale ___ Depth Gauge ___ Level ___ Micrometer ___ Comparator ___ Caliper ___ Weld Gauge			<b>Examiner/Initial</b> <b>Sig.</b> <b>N/A</b> <b>Level</b> <b>Date (Month-Day-Year)</b> <b>3-29-00</b>			
<b>N/A</b> <b>SNUBBERS VT-3</b> SAT UN-SAT N/A Loose Bolt or Pin Connections ___ Shaft Seal ___ Fluid Leakage ___ Fluid Tubing Condition ___ Shaft Cleanliness ___ Spherical Bearings ___ Cotter & Clevis Pins Intact ___ Other** ___			<input checked="" type="checkbox"/> <b>COMP. INTERNALS &amp; MAT'L SURFACE VT-3</b> SAT UN-SAT N/A Pitting <input checked="" type="checkbox"/> Corrosion <input checked="" type="checkbox"/> Erosion * <input checked="" type="checkbox"/> Foreign Material <input checked="" type="checkbox"/> Gouged Parts * <input checked="" type="checkbox"/> Wear <input checked="" type="checkbox"/> Evidence of Leakage <input checked="" type="checkbox"/> Other Cracks** ___			<b>N/A</b> <b>HANGER &amp; SUPPORTS VT-3</b> SAT UN-SAT N/A Setting: ___ Hot ___ Cold ___ Misalignment ___ Damaged Members ___ Gouges ___ Arc Strikes ___ Grind Marks ___ Freedom of Movement ___ Other** ___			
* Provide details on unsat areas by use of supplemental data sheet. ** Provide details on other areas examined.			examined (1) STUD WHEN REMOVED FROM VALVE BODY. REMAINING STUDS EXAMINED IN PLACE.						
<b>Comments</b> <b>examined studs &amp; nuts along with gasket seating surfaces. no abnormalities noted @ time of exam.</b> * minor surface corrosion & tool marks noted on studs and nuts									

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FIGURE 1

FNP-0 E-100.21  
RTYPE: L1.09

## VISUAL EXAMINATION RECORDED VT-1

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY / 1	Line Number/Examination Area/Weld No. Q1E21V077C			Drawing Number N/A		Sheet No.	
<b>Photos</b> <input type="checkbox"/> Yes <input type="checkbox"/> B&W <input checked="" type="checkbox"/> No <input type="checkbox"/> Color	<b>Sketch</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Resolution</b> <input checked="" type="checkbox"/> 1/32" Division (Scale) <input type="checkbox"/> 1/32" Line (Gray Card)	<b>Technique</b> <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Remote	<b>WO/WA</b> 2000/838 <b>Procedure No.</b> FNP-0-NDE-100.21 <b>Revision No.</b> 1 <b>Examiner/Initial</b> M. GREGG <b>Sig.</b> [Signature] <b>Level</b> <del>2</del>			
<b>Equipment</b> <input checked="" type="checkbox"/> Mirror <input type="checkbox"/> Magnifier <input type="checkbox"/> CCTV	<b>Lighting</b> <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> Flashlight <input type="checkbox"/> Droplight	<b>Tools</b> <input checked="" type="checkbox"/> Scale <input type="checkbox"/> Micrometer <input type="checkbox"/> Caliper	<input type="checkbox"/> Depth Gauge <input type="checkbox"/> Comparator <input type="checkbox"/> Weld Gauge	<input type="checkbox"/> Level <input type="checkbox"/> <input type="checkbox"/>	<b>Examiner/Initial</b> <b>Sig.</b> N/A <b>Level</b> <b>Date (Month-Day-Year)</b> 3-29-00		
<b>N/A WELDS &amp; BASE MATERIAL VT-1</b>				<b>✓ BOLTS, STUDS, AND WASHERS VT-1</b>			
SAT UN-SAT N/A Ground Blend Material Undercut Corrosion build-Up Gouges Evidence of Leakage Arc Strikes Cracks Other **				SAT UN-SAT N/A Loose Members Cracks Corrosion Gouges Thread Damage Deformation Protective Coating Evidence of Leakage Other**			
* Provide details on unsat areas by use of supplemental data sheet. ** Provide details on other areas examined				* minor surface corrosion & tool marks noted on studs & Nuts			
<b>Comments</b> no visible wastage of cross sectional area or threaded surfaces noted @ time of exam. examined 1 STUD after removal from valve body, remaining studs examined I/P ME 3-29-00							

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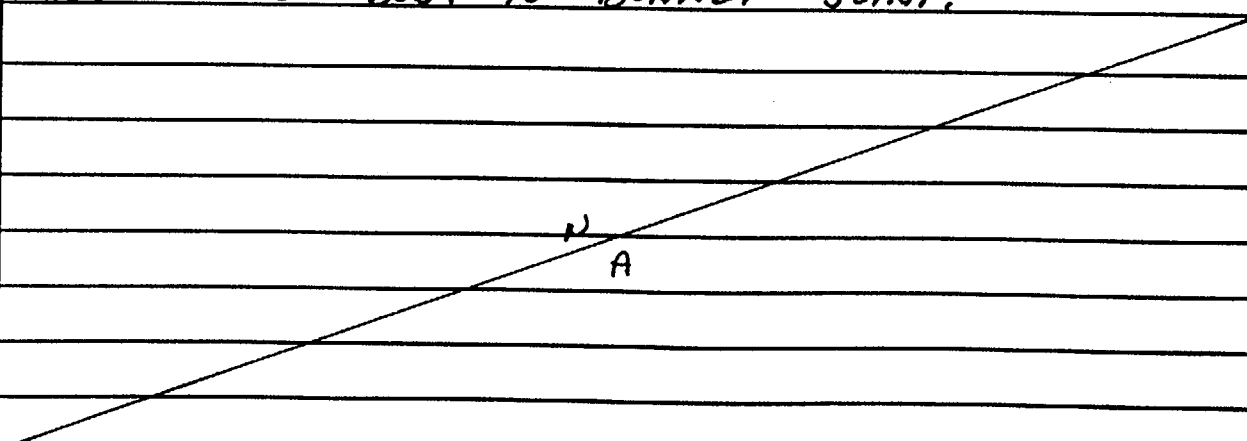
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY //		Data Package <i>TPNS QIE21V110</i>	Drawing Number <i>D-351116 SHT. 1</i>
WO#WA No. <i>99008137</i>		System Boundaries  <i>LOOP 2 COLD LEG NORMAL CHARGING</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>	<i>CHECK VALVE BODY TO BONNET JOINT.</i>	
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-7-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. BR-27</i>			

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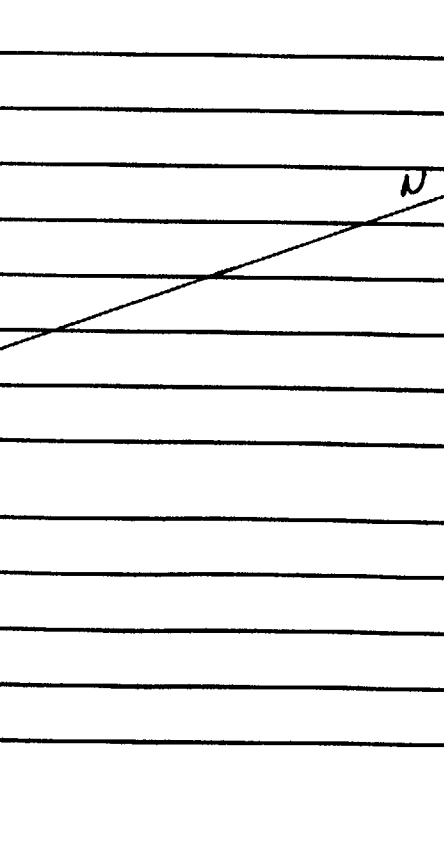
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <i>TPNS</i> <i>01E21V111</i>	Drawing Number <i>D-351116 SHT. 1</i>
WOJWA No. <i>99000129</i>		System Boundaries  <i>LODP 1 COLD LEG ALTERNATE CHARGING</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>	<i>CHECK VALVE BODY TO BONNET JOINT.</i>	
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-10-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RR-27</i>			

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SHARED

FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY/1		Data Package TPNS Q1E2IV112	Drawing Number D-351116 SHT.1
WOIWA No. 99008138		System Boundaries  NORMAL CHARGING TO LOOP 2 COLD LEG CHECK VALVE BODY TO BONNET JOINT.	
Procedure No. FNP-0-NDE-100.22			
Revision No. 2			
Examiner Scott R. Erickson	Level II		
Examiner N/A	Level N/A		
Date (Month-Day-Year) 3-10-00			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas N/A			
Comments REF. RR-27			

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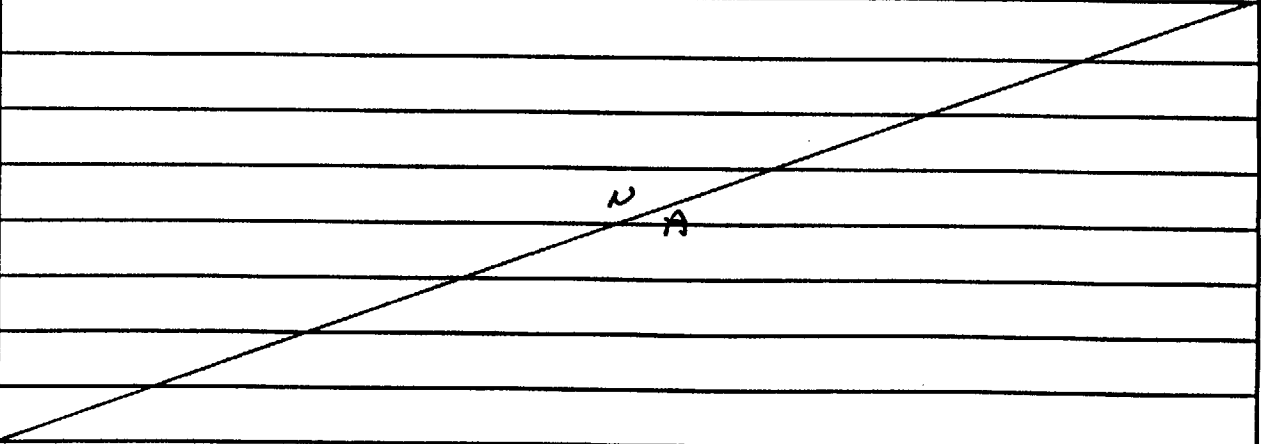
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <i>TPNS</i> <i>Q1E21Y113</i>	Drawing Number <i>D-351116 SHT.1</i>
WO/WA No. <i>99008130</i>		System Boundaries  <i>LOOP 1 COLD LEG ALTERNATE CHARGING</i>  <i>CHECK VALVE BODY TO BONNET JOINT.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-10-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RR-27</i>			

02/28/00 07:55:50

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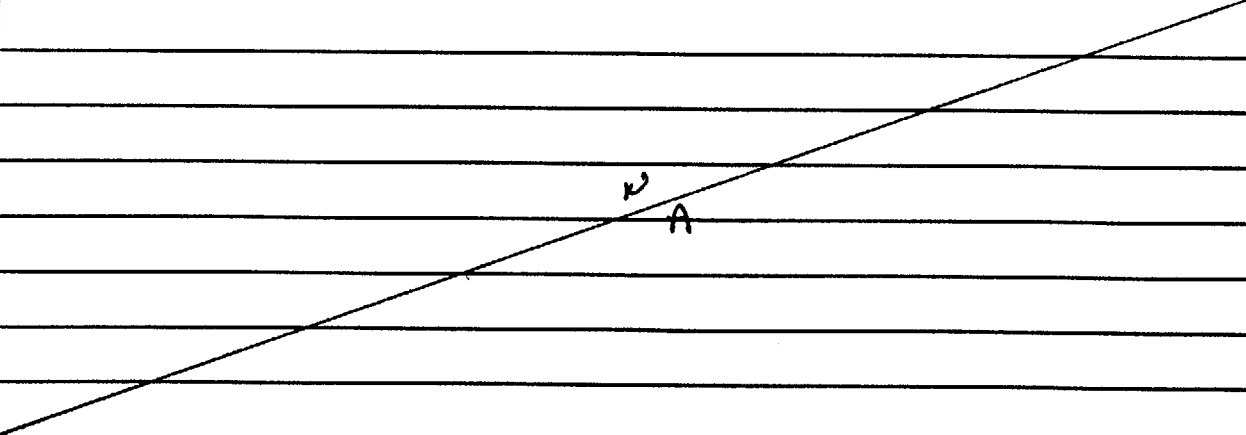
FNP-0-NDE-100.22

FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY/1		Data Package <i>TPNS 01E2IVZ45</i>	Drawing Number <i>D-351116 SHT. 1</i>
WO/WA No. <i>99008144</i>		System Boundaries  <i>RCS PRESSURIZER AUXILIARY SPRAY VALVE</i>  <i>BODY TO BONNET JOINT</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-7-00</i>			
SKETCH			
Examination (Per Para. 7.5) _____ Sat <input checked="" type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>SEE FIGURE 2 - PAGE 2 OF 2</i>			
Comments <i>REF. RR-27 MWO 2000 1942 written to clean valve stem and check packing. Not a Code item, Reinspection not required. Charles W. Dean 5/15/00</i>			

02/28/00 07:55:50

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FNP-0-NDE-100.22  
RTYPE: L1.09

FIGURE 2

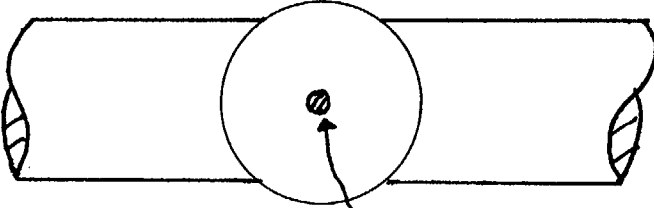
## VISUAL EXAMINATION SUPPLEMENTAL DATA SHEET

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1	Line Number/Examination Area/Weld No. Q1E21V245	Drawing Number D-351116 SHT. 1		
WO/WA No. 99008144	Date (Month-Day-Year) 3-7-00	Examiner Scott R. Erickson	Level II	Location CTMT OMA 108' EL.
Procedure No. FNP-0-NDE-100.22				
Revision No. 2				

Flow →



AREA OF BORON BUILD-UP

Comments: LIGHT DRY BORON BUILD-UP ON VALVE STEM
Page 2 of 2

02/28/00 07:55:50

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FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <i>TPNS</i> <i>01E21V246</i>	Drawing Number <i>D-351116 SHT.1</i>
WO/WA No. <i>99008150</i>		System Boundaries  <i>RCS LOOP 3 TO EXCESS LETDOWN HEAT EXCHANGER BODY TO BONNET JOINT.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-7-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input type="checkbox"/> Sat <input checked="" type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>SEE FIGURE 2 - SHEET 2 OF 2</i>			
Comments <i>REF. RR-27</i>			

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FNP-0-NDE-100.22

RTYPE: L1.09

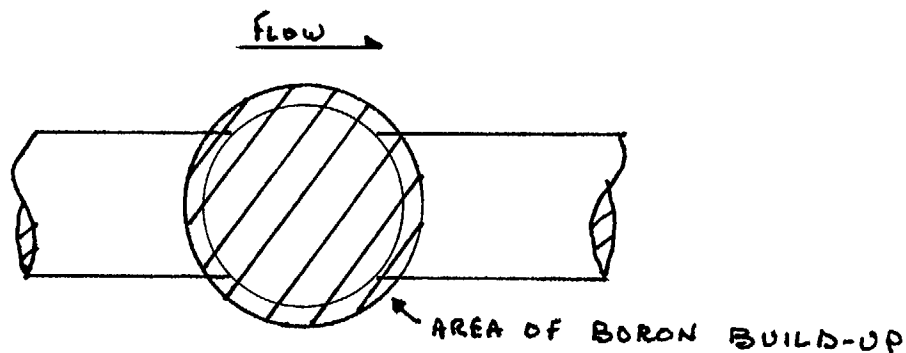
FIGURE 2

## VISUAL EXAMINATION SUPPLEMENTAL DATA SHEET

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1	Line Number/Examination Area/Weld No. Q1E21V246	Drawing Number D-351116 SHT. 1		
WO/WA No. 99008150	Date (Month-Day-Year) 3-7-00	Examiner Scott R. Erickson	Level II	Location CTMT LOOP 3 107' EL.
Procedure No. FNP-0-NDE-100.22				
Revision No. 2				



Comments: HEAVY DRY BORON BUILD-UP ON GASKET AREA AND BOLTING AND VALVE BODY

Page 2 of 2

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## FIGURE 1

## SUPPORT EXAMINATION RECORD VT-3

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit <b>FARLEY 11</b>		Line Number/Examination Area/Weld No. <b>Q1E21V246</b>				Drawing Number <b>N/A</b>		Sheet No.			
Photos ___ Yes    ___ B&W <input checked="" type="checkbox"/> No    ___ Color		Sketch ___ Yes <input checked="" type="checkbox"/> No		Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) ___ 1/32" Line (Gray Card)		Technique <input checked="" type="checkbox"/> Direct ___ Video ___ Remote		WO/WA <b>20001943</b> Procedure No. <b>FNP-0-NDE-100.23</b> Revision No. <b>3</b> Examiner/Initial <b>SCOTT R. ERICKSON</b> Sig. <b>Scott R. Erickson</b> Level <b>II</b>			
Equipment <input checked="" type="checkbox"/> Mirror ___ Magnifier ___ CCTV		Lighting ___ Ambient <input checked="" type="checkbox"/> Flashlight ___ Droplight		Tools <input checked="" type="checkbox"/> Scale    ___ Depth Gauge    ___ Level ___ Micrometer    ___ Comparator ___ Caliper    ___ Weld Gauge		Examiner/Initial Sig. <b>N/A</b> Level <b>N/A</b> Date (Month-Day-Year) <b>3-27-00</b>					
<b>N/A</b> SNUBBERS VT-3    SAT    UN-SAT    N/A Loose Bolt or Pin Connections    ___    ___    ___ Shaft Seal    ___    ___    ___ Fluid Leakage    ___    ___    ___ Fluid Tubing Condition    ___    ___    ___ Shaft Cleanliness    ___    ___    ___ Spherical Bearings    ___    ___    ___ Cotter & Clevis Pins Intact    ___    ___    ___ Other**    ___    ___    ___ * Provide details on unsat areas by use of supplemental data sheet. ** Provide details on other areas examined.				<input checked="" type="checkbox"/> COMP. INTERNALS & MAT'L SURFACE VT-3    SAT    UN-SAT    N/A Pitting <input checked="" type="checkbox"/> ___    ___ Corrosion <input checked="" type="checkbox"/> ___    ___ Erosion <input checked="" type="checkbox"/> ___    ___ Foreign Material <input checked="" type="checkbox"/> ___    ___ Gouged Parts <input checked="" type="checkbox"/> ___    ___ Wear <input checked="" type="checkbox"/> ___    ___ Evidence of Leakage <input checked="" type="checkbox"/> ___    ___ Other Cracks**    ___    ___ <input checked="" type="checkbox"/>				<b>N/A</b> HANGER & SUPPORTS VT-3    SAT    UN-SAT    N/A Setting:    ___    ___    ___ Hot ___ Cold ___    ___    ___    ___ Misalignment    ___    ___    ___ Damaged Members    ___    ___    ___ Gouges    ___    ___    ___ Arc Strikes    ___    ___    ___ Grind Marks    ___    ___    ___ Freedom of Movement    ___    ___    ___ Other**    ___    ___    ___			

Comments **EXAMINED FLANGE, GASKET SEATING AREA, (5) STUDS IN PLACE, (1) STUD AFTER REMOVAL FROM VALVE BODY. NO VISIBLE WASTAGE OF CROSS SECTIONAL AREA OR THREADED SURFACES NOTED AT TIME OF EXAM. SEE 3-27-00**

03/18/00 13:55:19

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FIGURE 1

 FNP-0-NDE-100.21  
 RTYPE: L1.09

## VISUAL EXAMINATION RECORDED VT-1

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1	Line Number/Examination Area/Weld No. <u>Q1E21V246</u>	Drawing Number <u>N/A</u>	Sheet No.																																																																																	
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	WO/WA <u>20001943</u> Procedure No. FNP-0-NDE-100.21																																																																																
			<input type="checkbox"/> Video <input type="checkbox"/> Remote	Revision No. <u>1</u>																																																																																
			Examiner/Initial <u>Scott R. Erickson</u> Sig. <u>Scott R. Erickson</u>	Level <u>II</u>																																																																																
			Examiner/Initial Sig. <u>N/A</u>	Level <u>N/A</u>																																																																																
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"><u>N/A</u> WELDS &amp; BASE MATERIAL VT-1</th> <th style="width: 10%;">SAT</th> <th style="width: 10%;">UN-SAT</th> <th style="width: 10%;">N/A</th> <th style="width: 50%;"><input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1</th> <th style="width: 10%;">SAT</th> <th style="width: 10%;">UN-SAT</th> <th style="width: 10%;">N/A</th> </tr> </thead> <tbody> <tr> <td>Ground Blend Material</td> <td>___</td> <td>___</td> <td>___</td> <td>Loose Members</td> <td>___</td> <td>___</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Undercut</td> <td>___</td> <td>___</td> <td>___</td> <td>Cracks</td> <td><input checked="" type="checkbox"/></td> <td>___</td> <td>___</td> </tr> <tr> <td>Corrosion build-Up</td> <td>___</td> <td>___</td> <td>___</td> <td>Corrosion</td> <td><input checked="" type="checkbox"/></td> <td>___</td> <td>___</td> </tr> <tr> <td>Gouges</td> <td>___</td> <td>___</td> <td>___</td> <td>Gouges</td> <td><input checked="" type="checkbox"/></td> <td>___</td> <td>___</td> </tr> <tr> <td>Evidence of Leakage</td> <td>___</td> <td>___</td> <td>___</td> <td>Thread Damage</td> <td><input checked="" type="checkbox"/></td> <td>___</td> <td>___</td> </tr> <tr> <td>Arc Strikes</td> <td>___</td> <td>___</td> <td>___</td> <td>Deformation</td> <td><input checked="" type="checkbox"/></td> <td>___</td> <td>___</td> </tr> <tr> <td>Cracks</td> <td>___</td> <td>___</td> <td>___</td> <td>Protective Coating</td> <td><input checked="" type="checkbox"/></td> <td>___</td> <td>___</td> </tr> <tr> <td>Other **</td> <td>___</td> <td>___</td> <td>___</td> <td>Evidence of Leakage</td> <td>___</td> <td>___</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Other**</td> <td>___</td> <td>___</td> <td><input checked="" type="checkbox"/></td> </tr> </tbody> </table>					<u>N/A</u> WELDS & 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	___	___	___	Loose Members	___	___	<input checked="" type="checkbox"/>	Undercut	___	___	___	Cracks	<input checked="" type="checkbox"/>	___	___	Corrosion build-Up	___	___	___	Corrosion	<input checked="" type="checkbox"/>	___	___	Gouges	___	___	___	Gouges	<input checked="" type="checkbox"/>	___	___	Evidence of Leakage	___	___	___	Thread Damage	<input checked="" type="checkbox"/>	___	___	Arc Strikes	___	___	___	Deformation	<input checked="" type="checkbox"/>	___	___	Cracks	___	___	___	Protective Coating	<input checked="" type="checkbox"/>	___	___	Other **	___	___	___	Evidence of Leakage	___	___	<input checked="" type="checkbox"/>					Other**	___	___	<input checked="" type="checkbox"/>
<u>N/A</u> WELDS & BASE MATERIAL VT-1	SAT	UN-SAT	N/A	<input checked="" type="checkbox"/> BOLTS, STUDS, AND WASHERS VT-1	SAT	UN-SAT	N/A																																																																													
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FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <sup>TPNS</sup> Q1E21V242	Drawing Number D-351114 SHT. 1
WOIWA No. 99008145		System Boundaries  RCS LOOP 3 TO EXCESS LETDOWN DELAY ISOLATION VALVE BODY TO BONNET JOINT	
Procedure No. FNP-0-NDE-100.22			
Revision No. 2			
Examiner Scott R. Erickson	Level II		
Examiner N/A	Level N/A		
Date (Month-Day-Year) 3-7-00			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas N/A			
Comments REF. RR-27			

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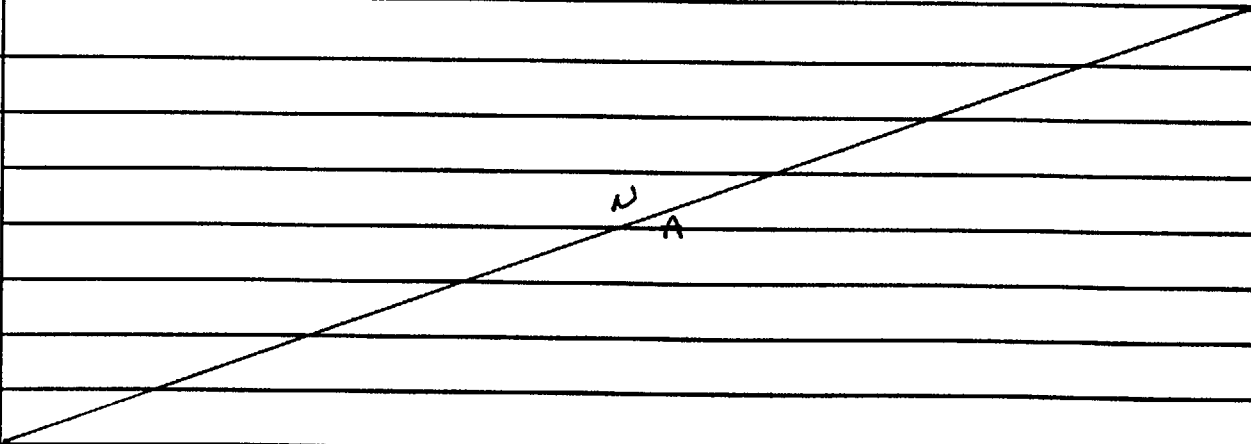
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <i>TPNS</i> <i>01E21V367</i>	Drawing Number <i>D-351116 SHT.1</i>
WOA No. <i>99008133</i>		System Boundaries  <i>RCS COLD LEG LOOP 1 TO LETDOWN ISOLATION</i> <i>VALVE BODY TO BONNET JOINT.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-9-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input type="checkbox"/> Sat <input checked="" type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>SEE FIGURE 2 - PAGE 2 OF 2</i>			
Comments <i>REF. RR-27</i>			

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FNP-0-NDE-100.22

RTYPE: L1.09

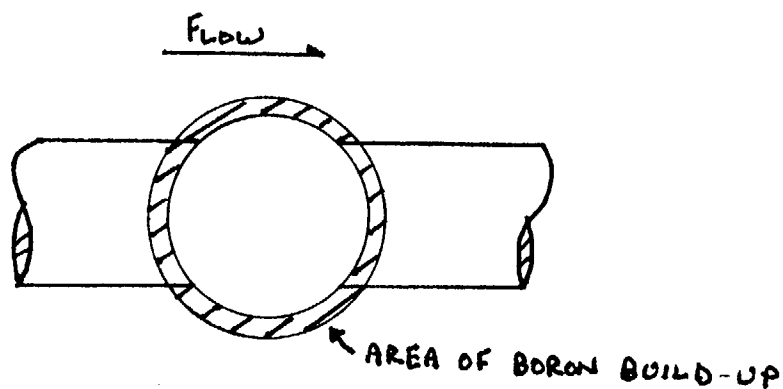
FIGURE 2

## VISUAL EXAMINATION SUPPLEMENTAL DATA SHEET

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1	Line Number/Examination Area/Weld No. Q1E21V367	Drawing Number D-351116 SHT. 1		
WO/WA No. 99008133	Date (Month-Day-Year) 3-9-00	Examiner SCOTT R. ERICHSON	Level II	Location CTMT REG. HX 106' EL.
Procedure No. FNP-0-NDE-100.22				
Revision No. 2				



Comments: MODERATE DRY BORON BUILD-UP ON GASKET

Page 2 of 2

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FIGURE 1

 FNP-0-NDE-100.21  
 RTYPE: L1.09

## VISUAL EXAMINATION RECORDED VT-1

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY / 1	Line Number/Examination Area/Weld No. Q1E21V367			Drawing Number N/A		Sheet No.																																																																															
Photos ___ Yes    ___ B&W <input checked="" type="checkbox"/> No    ___ Color	Sketch ___ Yes <input checked="" type="checkbox"/> No	Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) ___ 1/32" Line (Gray Card)		Technique <input checked="" type="checkbox"/> Direct ___ Video ___ Remote		WO/WA 20001826																																																																															
						Procedure No. FNP-0-NDE-100.21																																																																															
						Revision No. 1																																																																															
						Examiner/Initial SCOTT R. ERICKSON Sig. SCOTT R. ERICKSON    Level II																																																																															
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EXAMINED (5) STUDS IN PLACE. NO VISIBLE WASTAGE OF CROSS SECTIONAL AREA OR THREADED SURFACES NOTED. 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Other**	___	___	<input checked="" type="checkbox"/>																																																																																		

SHARED

FIGURE 1

## SUPPORT EXAMINATION RECORD VT-3

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit <b>FARLEY 11</b>	Line Number/Examination Area/Weld No. <b>Q1E21V367</b>			Drawing Number <b>N/A</b>			Sheet No.				
Photos ___ Yes ___ B&W <input checked="" type="checkbox"/> No ___ Color		Sketch ___ Yes <input checked="" type="checkbox"/> No		Resolution <input checked="" type="checkbox"/> 1/32" Division (Scale) ___ 1/32" Line (Gray Card)		Technique <input checked="" type="checkbox"/> Direct ___ Video ___ Remote		<input checked="" type="checkbox"/> WO/WA <b>20001826</b> Procedure No. <b>FNP-0-NDE-100.23</b> Revision No. <b>3</b> Examiner/Initial <b>SCOTT R. ERICKSON</b> Level <b>II</b> Sig. <b>SCOTT R. ERICKSON</b> Examiner/Initial <b>N/A</b> Level <b>N/A</b> Sig. <b>N/A</b> Date (Month-Day-Year) <b>3-22-00</b>			
Equipment <input checked="" type="checkbox"/> Mirror ___ Magnifier ___ CCTV		Lighting ___ Ambient <input checked="" type="checkbox"/> Flashlight ___ Droplight		Tools <input checked="" type="checkbox"/> Scale ___ Micrometer ___ Caliper ___ Depth Gauge ___ Comparator ___ Weld Gauge ___ Level							
<b>N/A</b> SNUBBERS VT-3 SAT UN-SAT N/A Loose Bolt or Pin Connections Shaft Seal Fluid Leakage Fluid Tubing Condition Shaft Cleanliness Spherical Bearings Cotter & Clevis Pins Intact Other** * Provide details on unsat areas by use of supplemental data sheet. ** Provide details on other areas examined.				<input checked="" type="checkbox"/> COMP. INTERNALS & MAT'L SURFACE VT-3 SAT UN-SAT N/A Pitting Corrosion Erosion Foreign Material Gouged Parts Wear Evidence of Leakage Other Cracks**				<b>N/A</b> HANGER & SUPPORTS VT-3 SAT UN-SAT N/A Setting: Hot ___ Cold ___ Misalignment Damaged Members Gouges Arc Strikes Grind Marks Freedom of Movement Other**			

Comments **EXAMINED FLANGE, GASKET SEATING AREA AND (5) BOLTS IN PLACE-SAT. EXAMINED (1) BOLT AFTER REMOVAL FROM VALVE BODY-SAT. NO VISIBLE WASTAGE OF CROSS SECTIONAL AREA OR THREADED SURFACES. NOTED. SEE 3-22-00**

02/28/00 07:55:50

SHARED

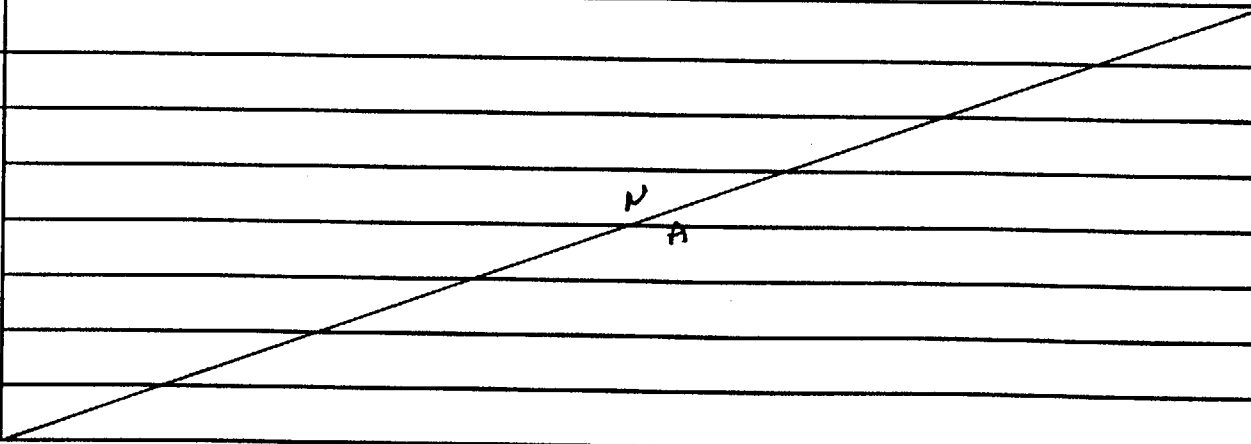
FNP-0-NDE-100.22

## FIGURE 1

## VISUAL EXAMINATION RECORD - VT2

FARLEY NUCLEAR PLANT

SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit FARLEY /1		Data Package <i>TPNS</i> <i>QIE21V368</i>	Drawing Number <i>D-351116 SHT.1</i>
WO/WA No. <i>99008132</i>		System Boundaries  <i>RCS COLD LEG LOOP 1 TO LETDOWN</i> <i>ISOLATION VALVE BODY TO BONNET JOINT.</i>	
Procedure No. FNP-0-NDE-100.22			
Revision No. <i>2</i>			
Examiner <i>Scott R. Erickson</i>	Level <i>II</i>		
Examiner <i>N/A</i>	Level <i>N/A</i>		
Date (Month-Day-Year) <i>3-9-00</i>			
SKETCH			
Examination (Per Para. 7.5) <input checked="" type="checkbox"/> Sat <input type="checkbox"/> *Unsat			
*Provide details on unsat areas <i>N/A</i>			
Comments <i>REF. RA-27</i>			

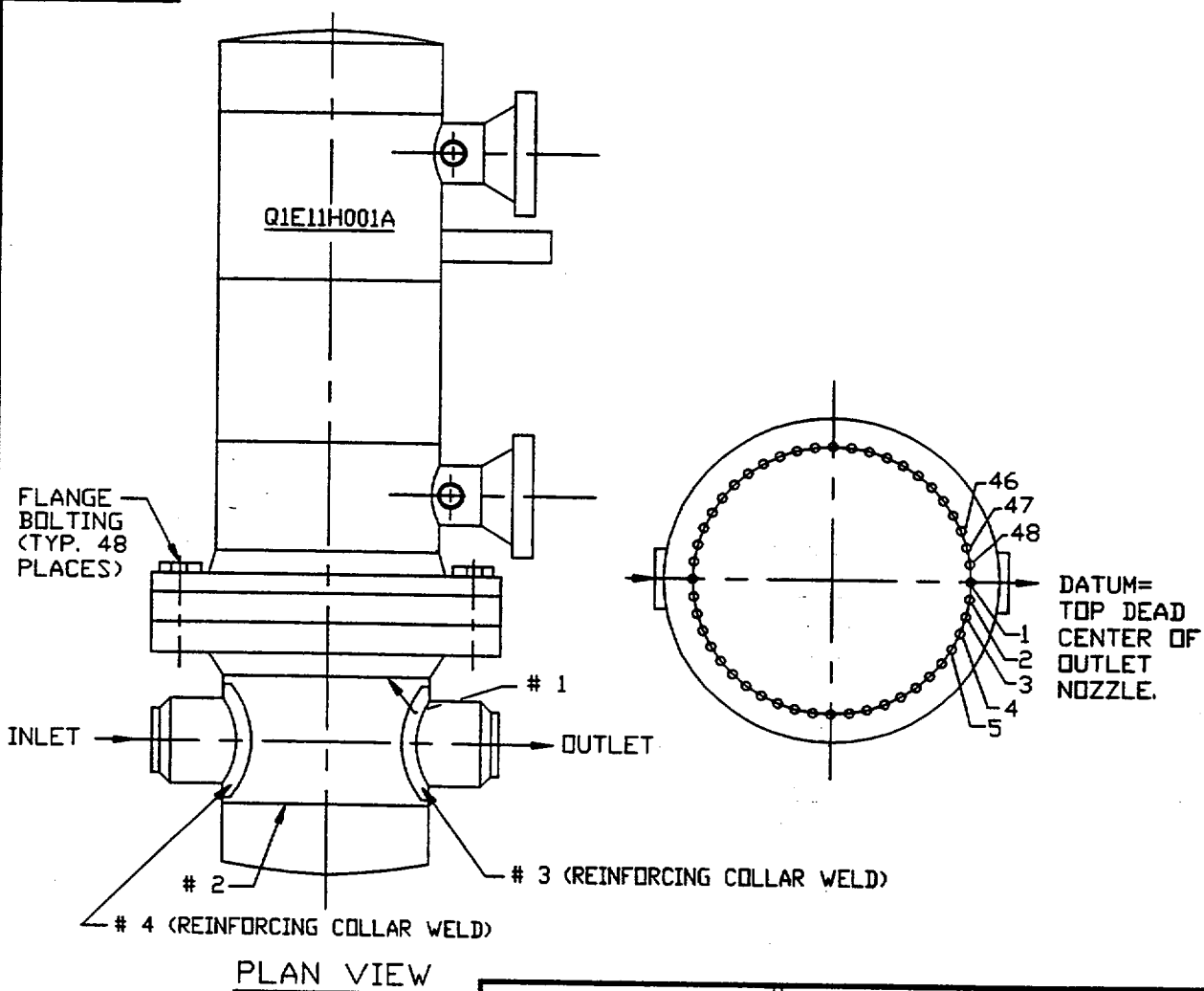
**DRAWING ALA2-3500**  
**RHR HEAT EXCHANGER A**

[illegible]

AUXILIARY  
EL. 83'-0"  
ROOM 128

## RESIDUAL HEAT EXCHANGER (A)

ALA2-3500



SHELL MATERIAL	0.875" T ASTM 240 TYPE 304 SST
NOZZLE MATERIAL	0.875" T ASTM 182 TYPE 316
WELDS	
SHELL TO FLANGE (#1) (FNP FIG.-024) AND HEAD TO SHELL (#2) (FNP FIG.-023)	
DIAMETER	39.75"
CIRCUMFERENCE	124.878"
CAL. BLOCK	ALA-32
REINFORCING COLLAR WELDS	
#3	FNP FIG.-027
#4	FNP FIG.-027
FLANGE BOLTING	48 - 1.375" DIA. BOLTS

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

Southern Company Services, Inc. for RESIDUAL HEAT EXCHANGER (A)

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

A-351192

SHEET

82

REV.

1

CAD ALA23500  
AUTOCAD RAV-02

# SHARED

**FARLEY NUCLEAR PLANT**  
**Ultrasonic Calibration and Examination Record**

**FNP-0-NDE-100.31**  
**Southern Nuclear Operating Company**

Unit	Sketch/Component No.	Date	Sheet No.	Page
1	ALA2-3500-1	3/15/00	S00F1U051	1 of 3
Procedure/Rev./TCN	Couplant/Batch No.	Thermometer SN/Cal Due Date	Linearity Sheet No.	
FNP-0-NDE-100.31 / 7 / N/A	SONOTRACE 40 / 94243	38081 / 8/27/2000	S00F1L002	

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration																																				
Instrument	<b>STAVELEY</b>	Transducer Mfg.	<b>KBA</b>	Cal. Blk. No.	<b>ALA-32</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Cal. Refl.</th> <th>Signal Amp.</th> <th>Sweep Div.</th> <th>Wmax</th> <th>Cal. Refl.</th> <th>Signal Amp.</th> <th>Sweep Div.</th> <th>Wmax</th> </tr> <tr> <td>1T</td> <td>80</td> <td>2.0</td> <td>.87</td> <td>1T</td> <td>80</td> <td>2.0</td> <td>.87</td> </tr> <tr> <td>2T</td> <td>45</td> <td>4.0</td> <td>1.68</td> <td>2T</td> <td>45</td> <td>4.0</td> <td>1.68</td> </tr> <tr> <td>3T</td> <td>35</td> <td>6.0</td> <td>2.45</td> <td>3T</td> <td>35</td> <td>6.0</td> <td>2.45</td> </tr> <tr> <td>4T</td> <td>20</td> <td>8.0</td> <td>3.25</td> <td>4T</td> <td>20</td> <td>8.0</td> <td>3.25</td> </tr> </table>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	1T	80	2.0	.87	1T	80	2.0	.87	2T	45	4.0	1.68	2T	45	4.0	1.68	3T	35	6.0	2.45	3T	35	6.0	2.45	4T	20	8.0	3.25	4T	20	8.0	3.25
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4T	20	8.0	3.25	4T	20	8.0	3.25																																							
Serial No.	<b>136K-472F</b>	Serial No.	<b>031279</b>	Thickness	<b>.880"</b>																																									
Ax. dB	<b>43.00</b>	Size	<b>.375</b>	Cal. Temp.	<b>72</b>																																									
Ref.	<b>28.4</b>	Frequency/Mode	<b>2.25 / S</b>	Cal. In	<b>1300</b>																																									
Scan	<b>38.4</b>	"A" Dimension	<b>.3</b>	Cal. Chk.	<b>1420</b>	Calibration Remarks: N/A																																								
Reject	<b>OFF</b>	Nominal Angle	<b>45</b>	Cal. Out	<b>1510</b>																																									
Frequency	<b>2.25</b>	Measured Angle	<b>45</b>	Ref. Blk. No.	<b>4976</b>																																									
Mode	<b>P/E</b>	Cable Type	<b>RG174</b>	Reflector	<b>HOLE</b>																																									
Damping	<b>500 OHMS</b>	Cable Length	<b>15'</b>	Amplitude/Sweep	<b>20% / 1.7</b>																																									

Comp. Temp.: 77 °F Configuration: RESID HX A FLANGE TO SHELL Wo Location C/L Lo Location TDC

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"	
2	●	○	○	N/A														
5	●	○	○	N/A														
7	●	○	○	N/A														
8	●	○	○	N/A														

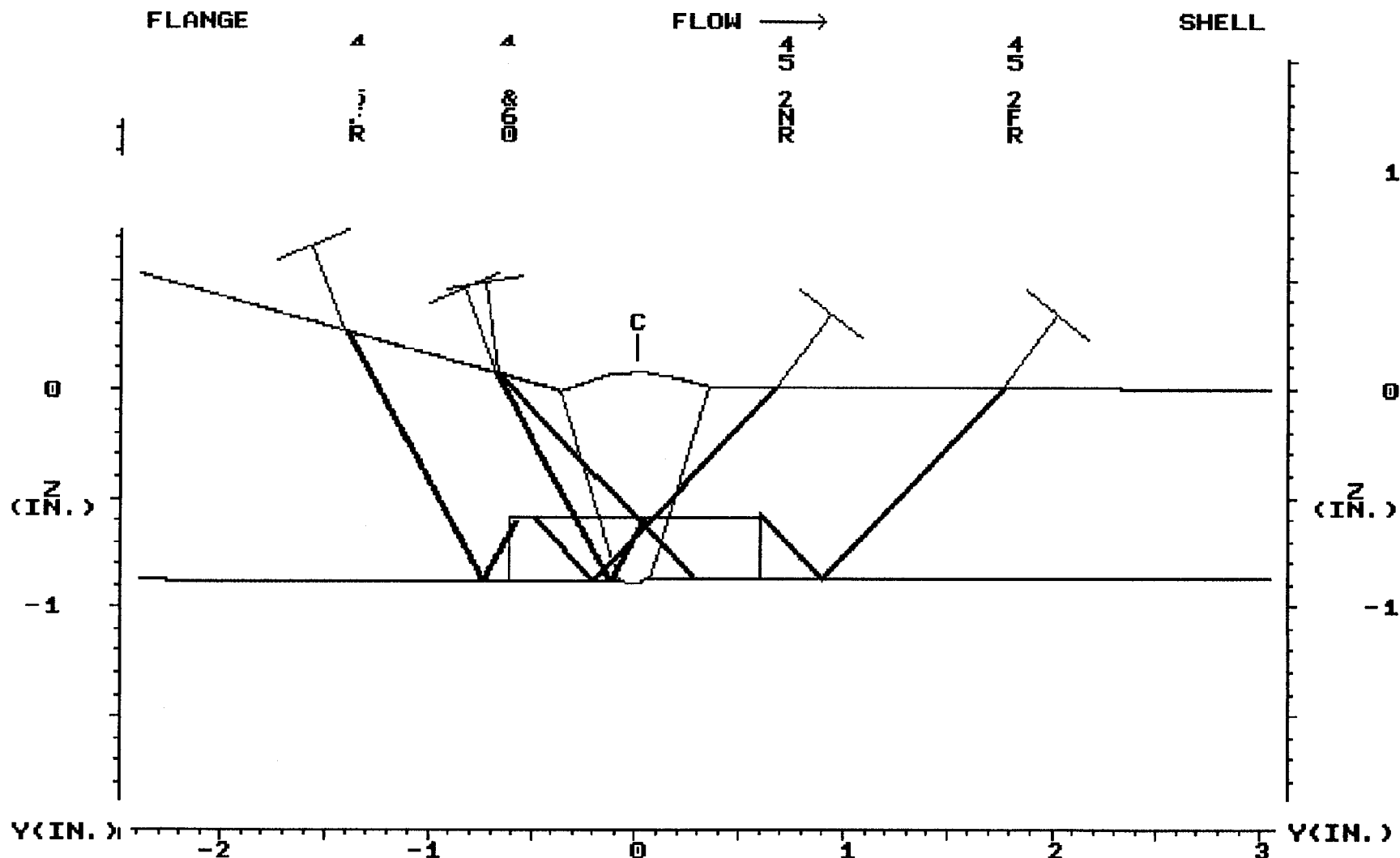
Examination/Limitation Remarks:

INLET AND OUTLET NOZZLES LIMITS SCAN ON 5 SIDE. FLANGE LIMITS 2 SCAN.

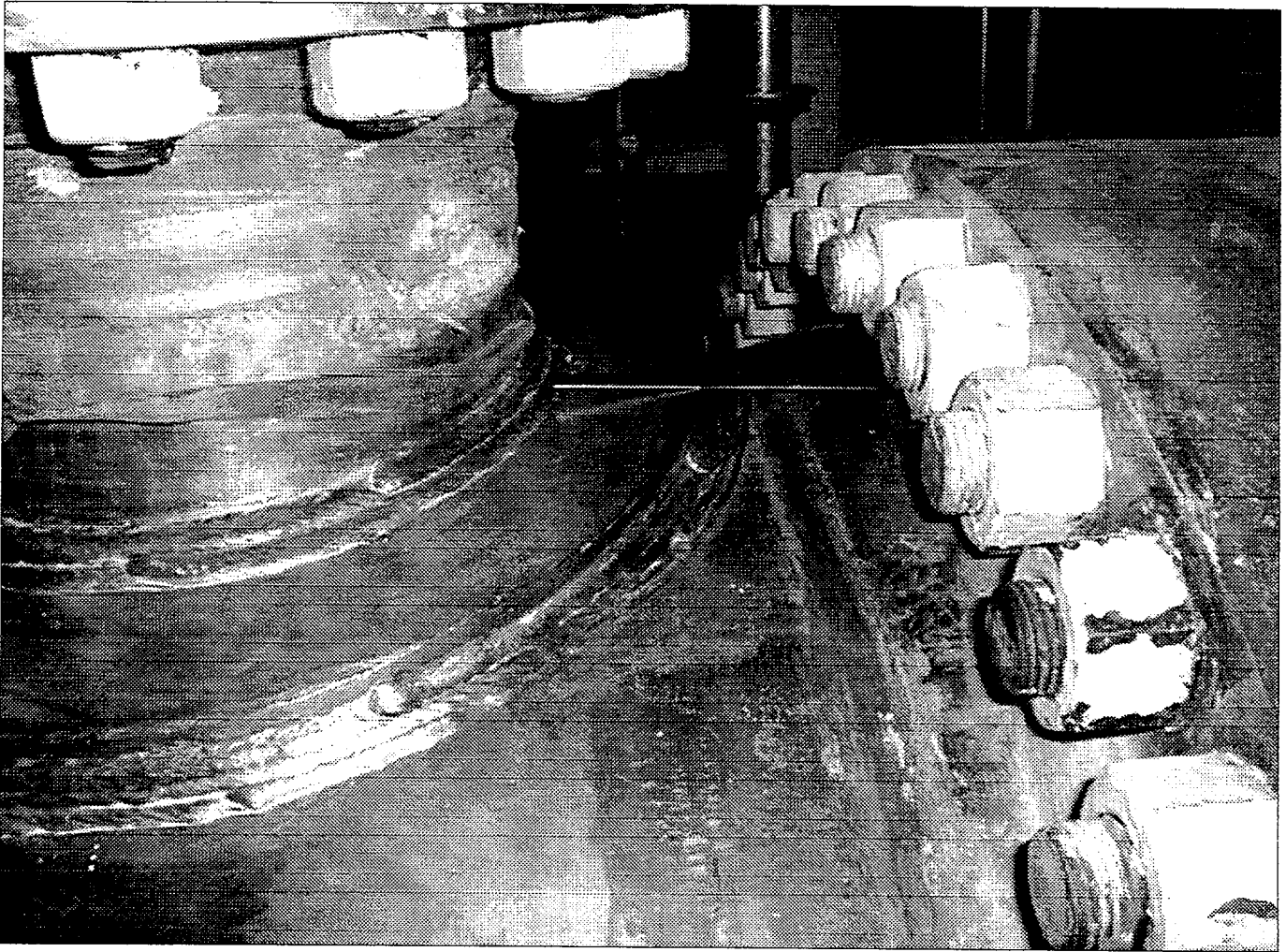
Total Length of Weld	Crown Width	Total Length of Weld Examined			Extent of Perpendicular Scans (W)			Extent of Parallel Scans (L)		
124.8"	.75"	5 (L) NL	2 (L) 104"	7 & 8 (W) NL	5 - from .675 to 1.4	2 - from .675 to NL	From (5) NL to (2) NL			
Primary Examiner	Level	Assistant Examiner			Level	Non-Technical Review			Date	
JOSEPH D. FUNYAK	II	N/A			N/A	lynda Duke			3-16-00	
SNC NDE Level II/III Review	Date	Percentage of Code Coverage			ANII Review			Date		
Wang Carter LIII	3-16-00	92 %			C. Guand 4/3/00			3/17/00		

Figure 1

Revision 7



45-2FR	SET	1R16008.DAT	1R16008A.SCR	860	SET		
1.17	DEP		5 2 7 8	0.66	DEP		
1.65	MP	45 DEG FOR 83% OF LENGTH-100%	(100/100/100/100)	1.32	MP		
34.40	TOF	45/60 DEG FOR 17% OF LENGTH- 50%	( 60/ 40/100/100)	19.65	TOF		
	ARC	COMPOSITE COVERAGE - 92% DR CORDES L/III <i>Jac</i>			ARC		
	GATE				GATE		
0.050	STEP			0.050	STEP		
	EXIT	MAKERAY/UTILITY	LEFT	RIGHT	TOP	PRINT	EXIT
PLANT: FARLEY 1		3/16/00		CIRC. POS.: TYP			
SYSTEM: RHR		11:19		ANALYST: DR CORDES L/III			
COMPONENT: ALA2-3500-1				CAL. SHEET: 500F1005 & 52			



Name: ala2-3500-14.jpg  
Dimensions: 1024 x 768 pixels

ALA2-3500-1

2RC 3-16-00

# SHARED

## FARLEY NUCLEAR PLANT Ultrasonic Calibration and Examination Record

FNP-0-NDE-100.31  
Southern Nuclear Operating Company

Unit <b>1</b>	Sketch/Component No. <b>ALA2-3500-1</b>	Date <b>3/15/00</b>	Sheet No. <b>S00F1U052</b>	Page <b>1</b> of <b>1</b>
Procedure/Rev./TCN <b>FNP-0-NDE-100.31 / 7 / N/A</b>	Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>	Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L002</b>	

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>STAVELEY</b>	Transducer Mfg.	<b>Megasonics</b>	Cal. Blk. No.	<b>ALA-32</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	<b>136K-472F</b>	Serial No.	<b>81051</b>	Thickness	<b>.880"</b>	1/4T	<b>80</b>	<b>3.5</b>	<b>.5</b>				
Ax. dB	<b>43.20</b>	Size	<b>2(.25X.5)</b>	Cal. Temp.	<b>72</b>	3/4T	<b>65</b>	<b>6.5</b>	<b>1.2</b>				
Ref.	<b>66.8</b>	Frequency/Mode	<b>2.25 / L</b>	Cal. In	<b>1310</b>	NOTCH	<b>65</b>	<b>8.0</b>	<b>1.53</b>				
Scan	<b>74.8</b>	"A" Dimension	<b>.3</b>	Cal. Chk.	<b>1445</b>	Calibration Remarks: <b>N/A</b>							
Reject	<b>OFF</b>	Nominal Angle	<b>60</b>	Cal. Out	<b>1512</b>								
Frequency	<b>2.25</b>	Measured Angle	<b>60</b>	Ref. Blk. No.	<b>4976</b>								
Mode	<b>DUAL</b>	Cable Type	<b>RG174</b>	Reflector	<b>HOLE</b>								
Damping	<b>500 OHMS</b>	Cable Length	<b>6'</b>	Amplitude/Sweep	<b>95% / 7.0</b>								

Comp. Temp.: **77** °F Configuration: **RESID HX A FLANGE TO SHELL** Wo Location **C/L** Lo Location **TDC**

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"	
<b>2</b>				<b>N/A</b>														

Examination/Limitation Remarks:

**EXAMINED AREA WHERE INLET AND OUTLET NOZZLES LIMIT 45° SCAN**

Total Length of Weld <b>124.8"</b>	Crown Width <b>.75"</b>	Total Length of Weld Examined				Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)										
		5 (L)	20"	2 (L)	<b>N/A</b>	7 & 8 (W)	<b>N/A</b>	5 - from	<b>.675</b>	to	<b>.875</b>	2 - from	<b>N/A</b>	to	<b>N/A</b>	From (5)	<b>NL</b>	to	(2)	<b>NL</b>
Primary Examiner <b>JOSEPH D. FUNYAK</b>		Level <b>II</b>		Assistant Examiner <b>N/A</b>				Level <b>N/A</b>		Non-Technical Review <i>Lynda Duke</i>				Date <b>3-16-00</b>						
SNC NDE Level II/III Review <i>Darryl Cordes</i>		Date <b>3-16-00</b>		Percentage of Code Coverage <b>SEE S00F1U051</b> %				ANII Review <i>CFW</i>				Date <b>3/17/00</b>								

Figure 1

Revision 7

# SHARED

Ultrasonic Weld Profile Record				FNP-0-NDE-100.35	
Southern Nuclear Operating Company					
Unit <b>1</b>	Weld Number <b>ALA2-3500-1</b>	Sheet Number <b>S00F1U055</b>	Date <b>3/15/00</b>		
ISO/Drawing Number <b>ALA2-3500</b>		Couplant/Batch Number <b>SONOTRACE 40 / 94243</b>		Instrument Manufacturer <b>STAVELEY</b>	
Material Type <b>SS</b>	Calibration Standard/Serial Number <b>SS STEP / 800887</b>	Model Number <b>SONIC 136</b>	Serial Number <b>136K-472F</b>		
Examiner <b>JOSEPH D. FUNYAK</b>	SNT Level <b>II</b>	Search Unit Manufacturer <b>KBA</b>	Size <b>4-3-00</b>		
Examiner <b>N/A</b>	SNT Level <b>N/A</b>	Serial Number <b>D11657</b>	Frequency <b>5.0</b> MHz		
Weld Examination Record No. <b>N/A</b>		Indication No. <b>N/A</b>			
Component Configuration/Flow <b>RESID HX A FLANGE TO SHELL</b>					
Location LMAX      TDC      WMAX      C/L		Component Temp °F <b>77</b>		Thermometer S/N <b>PTC 38081</b>	

COMPONENT  
**FLANGE**

WELD EDGE

**WELD Q**

WELD EDGE

COMPONENT  
**Shell**

FLOW

**.75**

~~**.95**~~ **90F**

**3-16-00**

**.375" .375"**

---

T. MEASUREMENTS

O.D. PROFILE

<b>-1.5"</b>	<b>.14"</b>	<b>-1.3"</b>	<b>.12"</b>	<b>-1.1"</b>	<b>.95"</b>	<b>.88"</b>	<b>.87"</b>	<b>.87"</b>	<b>.87"</b>	<b>.87"</b>	<b>.87"</b>	<b>.87"</b>	<b>.87"</b>	<b>.87"</b>
--------------	-------------	--------------	-------------	--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------

T. MEASUREMENT EACH    **.25** IN.

REMARKS:

# SHARED

## FARLEY NUCLEAR PLANT Ultrasonic Calibration and Examination Record

FNP-0-NDE-100.31  
Southern Nuclear Operating Company

Unit <b>1</b>	Sketch/Component No. <b>ALA2-3500-2</b>	Date <b>3/15/00</b>	Sheet No. <b>S00F1U053</b>	Page <b>1</b> of <b>3</b>
Procedure/Rev./TCN <b>FNP-0-NDE-100.31 / 7 / N/A</b>	Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>	Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L002</b>	

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>STAVELEY</b>	Transducer Mfg.	<b>KBA</b>	Cal. Blk. No.	<b>ALA-32</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	<b>136X-472F</b>	Serial No.	<b>031279</b>	Thickness	<b>.880"</b>	1T	80	2.0	.87	1T	80	2.0	.87
Ax. dB	<b>28.4</b>	Size	<b>.375</b>	Cal. Temp.	<b>72</b>	2T	45	4.0	1.68	2T	45	4.0	1.68
Circ. dB	<b>28.4</b>	Frequency/Mode	<b>2.25 / S</b>	Cal. In	<b>1300</b>	3T	35	6.0	2.45	3T	35	6.0	2.45
Ref.	<b>28.4</b>	"A" Dimension	<b>.3</b>	Cal. Chk.	<b>1400</b>	4T	20	8.0	3.25	4T	20	8.0	3.25
Scan	<b>38.4</b>	Nominal Angle	<b>45</b>	Cal. Out	<b>1510</b>	Calibration Remarks: N/A							
Reject	<b>OFF</b>	Measured Angle	<b>45</b>	Ref. Blk. No.	<b>4976</b>								
Frequency	<b>2.25</b>	Cable Type	<b>RG174</b>	Reflector	<b>HOLE</b>								
Mode	<b>P/E</b>	Cable Length	<b>15'</b>	Amplitude/Sweep	<b>20% / 1.7</b>								
Damping	<b>500 OHMS</b>												

Comp. Temp.: 77 °F Configuration: RESID HX A SHELL TO HEAD Wo Location C/L Lo Location TDC

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"	
2	●			N/A														
5	●			N/A														
7	●			N/A														
8	●			N/A														

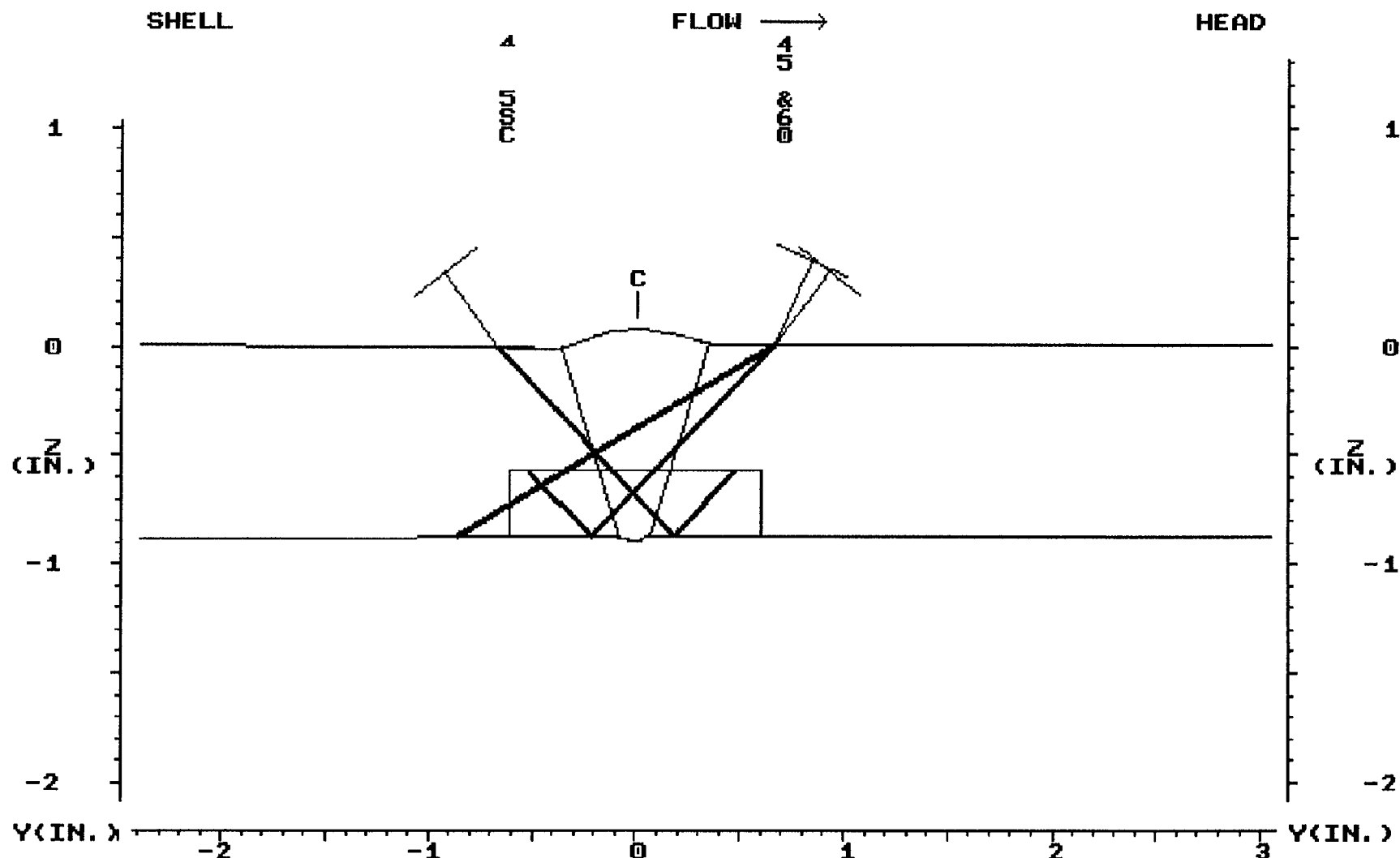
Examination/Limitation Remarks:

INLET AND OUTLET NOZZLES LIMITS SCAN ON 2 SIDE

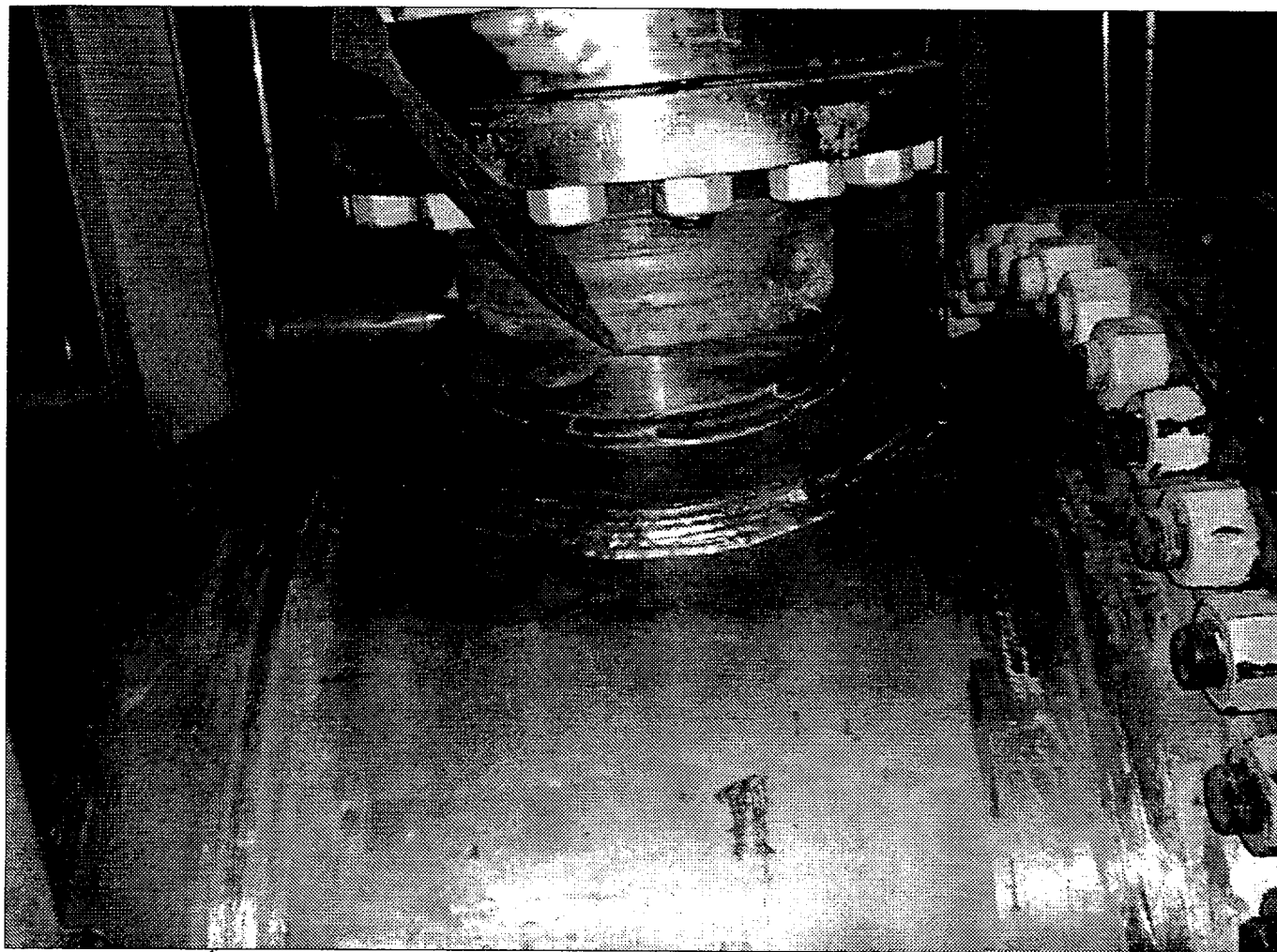
Total Length of Weld <b>124.8"</b>	Crown Width <b>.75"</b>	Total Length of Weld Examined <b>5 (L) 104" 2 (L) NL 7 &amp; 8 (W) NL</b>		Extent of Perpendicular Scans (W) <b>5 - from .675 to NL 2 - from .675 to NL</b>		Extent of Parallel Scans (L) <b>From (5) NL to (2) NL</b>	
Primary Examiner <b>JOSEPH D. FUNYAK</b>	Level <b>II</b>	Assistant Examiner <b>N/A</b>		Level <b>N/A</b>	Non-Technical Review <i>Lynda Duke</i>		Date <b>3-16-00</b>
SNC NDE Level II/III Review <i>Dan Cardo L/TU</i>		Date <b>3-16-00</b>	Percentage of Code Coverage <b>98 %</b>		ANII Review <i>cgua</i>		Date <b>3/17/00</b>

Figure 1

Revision 7



45	SET	1R16009.DAT	1R16009A.SCR	5	2	7	8	45	5SC	SET
1.18	DEP							1.14		DEP
1.67	MP							1.61		MP
34.75	TOF	45 DEG FOR 83% OF LENGTH-100% (100/100/100/100)						33.80		TOF
	ARC	45/60 DEG FOR 17% OF LENGTH- 89% ( 75/ 80/100/100)								ARC
	GATE	COMPOSITE COVERAGE - 98% DR CORDES L/III								GATE
0.050	STEP							0.050		STEP
	EXIT	MAKERAY/UTILITY	LEFT	RIGHT	TOP	PRINT	EXIT			EXIT
PLANT: FARLEY 1										
SYSTEM: RHR										
COMPONENT: ALA2-3500-2										
3/16/00										
CIRC. POS.: TYP										
ANALYST: DR CORDES										
CAL. SHEET: 500F10053 & 054										



Name: ala2-3500-124.jpg  
Dimensions: 1024 x 768 pixels

ALA2-3500-2

2AC 3-16-00

# SHARED

**FARLEY NUCLEAR PLANT**  
**Ultrasonic Calibration and Examination Record**

**FNP-0-NDE-100.31**  
**Southern Nuclear Operating Company**

Unit <b>1</b>	Sketch/Component No. <b>ALA2-3500-2</b>	Date <b>3/15/00</b>	Sheet No. <b>S00F1U054</b>	Page <b>1</b> of <b>1</b>
Procedure/Rev./TCN <b>FNP-0-NDE-100.31 / 7 / N/A</b>	Couplant/Batch No. <b>SONOTRACE 40 / 94243</b>	Thermometer SN/Cal Due Date <b>38081 / 8/27/2000</b>	Linearity Sheet No. <b>S00F1L002</b>	

Instrument		Search Unit		Calibration Block		Axial Scan Calibration				Circ. Scan Calibration			
Instrument	<b>STAVELEY</b>	Transducer Mfg.	<b>Megasonics</b>	Cal. Blk. No.	<b>ALA-32</b>	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax	Cal. Refl.	Signal Amp.	Sweep Div.	Wmax
Serial No.	<b>136K-472F</b>	Serial No.	<b>81051</b>	Thickness	<b>.880"</b>	1/4T	<b>80</b>	<b>3.5</b>	<b>.5</b>				
Ax. dB	<b>4-300</b>	Size	<b>2(.25X.5)</b>	Cal. Temp.	<b>72</b>	3/4T	<b>65</b>	<b>6.5</b>	<b>1.2</b>				
Ref.	<b>66.8</b>	Frequency/Mode	<b>2.25 / L</b>	Cal. In	<b>1310</b>	NOTCH	<b>65</b>	<b>8.0</b>	<b>1.53</b>				
Scan	<b>74.8</b>	"A" Dimension	<b>.3</b>	Cal. Chk.	<b>1450</b>	Calibration Remarks: N/A							
Reject	<b>OFF</b>	Nominal Angle	<b>60</b>	Cal. Out	<b>1512</b>								
Frequency	<b>2.25</b>	Measured Angle	<b>60</b>	Ref. Blk. No.	<b>4976</b>								
Mode	<b>DUAL</b>	Cable Type	<b>RG174</b>	Reflector	<b>HOLE</b>								
Damping	<b>500 OHMS</b>	Cable Length	<b>6'</b>	Amplitude/Sweep	<b>95% / 7.0</b>								

Comp. Temp.: **77** °F      Configuration: **RESID HX A SHELL TO HEAD**      Wo Location **C/L**      Lo Location **TDC**

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"	
<b>5</b>		<b>N/A</b>						

Examination/Limitation Remarks:

**EXAMINED AREA WHERE INLET AND OUTLET NOZZLES LIMIT 45° SCAN**

Total Length of Weld	Crown Width	Total Length of Weld Examined		Extent of Perpendicular Scans (W)				Extent of Parallel Scans (L)			
<b>124.8"</b>	<b>.75"</b>	5 (L) <b>N/A</b>	2 (L) <b>20"</b>	7 & 8 (W) <b>N/A</b>	5 - from <b>N/A</b>	to <b>N/A</b>	2 - from <b>.675</b>	to <b>NL</b>	From (5) <b>N/A</b>	to (2) <b>N/A</b>	
Primary Examiner	Level	Assistant Examiner				Level	Non-Technical Review		Date		
<b>JOSEPH D. FUNYAK</b>	<b>II</b>	<b>N/A</b>				<b>N/A</b>	<i>Lynda Duke</i>		<b>3-16-00</b>		
SNC NDE Level II/III Review	Date	Percentage of Code Coverage		ANII Review		Date					
<i>Wayne Conda</i>	<b>3-16-00</b>	<b>56E</b> <b>560810053 %</b>		<i>Lynda Duke</i>		<b>3/12/00</b>					

**Figure 1**

**Revision 7**

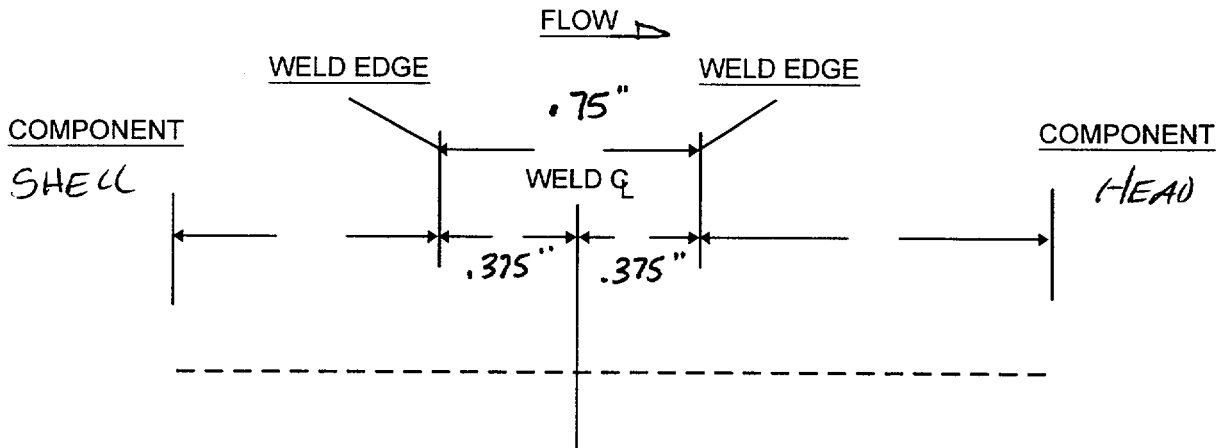
# SHARED

## Ultrasonic Weld Profile Record

FNP-0-NDE-100.35

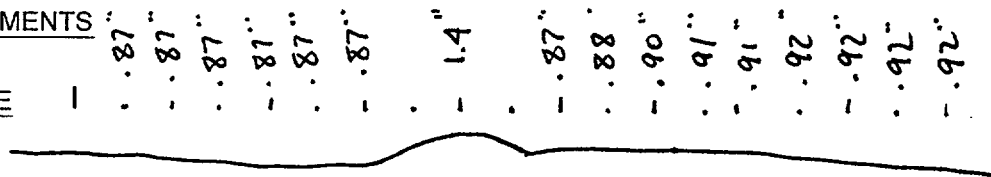
### Southern Nuclear Operating Company

Unit <b>1</b>	Weld Number <b>ALA2-3500-2</b>	Sheet Number <b>S00F1U056</b>	Date <b>3/15/00</b>
ISO/Drawing Number <b>ALA2-3500</b>	Couplant/Batch Number <b>SONOTRACE 40 / 94243</b>	Instrument Manufacturer <b>STAVELEY</b>	
Material Type <b>SS</b>	Calibration Standard/Serial Number <b>SS STEP / 800887</b>	Model Number <b>SONIC 136</b>	Serial Number <b>136K-472F</b>
Examiner <b>JOSEPH D. FUNYAK</b> <i>JDF</i>	SNT Level <b>II</b>	Search Unit Manufacturer <b>KBA</b>	Size <del>1.5</del> <b>.50</b>
Examiner <b>N/A</b>	SNT Level <b>N/A</b>	Serial Number <b>D11657</b>	Frequency <b>5.0</b> MHz
Weld Examination Record No. <b>N/A</b>		Indication No. <b>N/A</b>	
Component Configuration/Flow <b>RESID HX A SHELL TO HEAD</b>			
Location LMAX <b>TDC</b> WMAX <b>C/L</b>		Component Temp °F <b>77</b>	Thermometer S/N <b>PTC 38081</b>



#### T. MEASUREMENTS

#### O.D. PROFILE



T. MEASUREMENT EACH **.25** IN.

REMARKS:

NDE LII/III Review <i>Dan Cord</i>	Level <b>III</b>	Date <b>3-16-00</b>	Non-Technical Review <i>Lynnda Duke</i>	Date <b>3-16-00</b>
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Revision 1

# SHARED

FNP-0-NDE-100.5

PT-F-Form 001

Farley Nuclear Plant

## Liquid Penetrant Examination Record

Southern Nuclear Operating Company

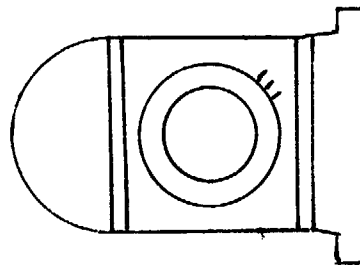
Unit <b>1</b>	Component Number <b>ALA2-3500-3</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.5 / 6 / N/A</b>	Sheet No. <b>S00F1P006</b>	Page <b>1</b> of <b>1</b>
<u>Thermometer</u> Mfg. / Ser. No. <b>PTC / 38180</b> Cal. Due Date <b>8/27/2000</b> Surface Temp. <b>77 °F</b>		<u>Penetrant Materials</u> Manufacturer <b>MAGNAFLUX</b> Cleaner/Remover <b>SKC-S</b> Penetrant <b>SKL-SP</b> Developer <b>SKD-S2</b> Type <b>SKC-S</b> Batch <b>98A10K</b> <b>93D12K</b> <b>96J08K</b>		
Component Configuration <b>RESID HX A IN NOZZ REINF WELD</b>		% of Length Coverage <b>100</b>	% of Area Coverage <b>100</b>	Date <b>3/15/00</b>
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.		Remarks

~~N/A~~  
1-3  
JRC  
3-17-00

RI

3 LINEAR INDICATIONS SEPARATED BY .4" MINIMUM WITH LENGTHS  
OF 1/16, 5/32, AND 3/16

N/A



LOOKING UP

Remarks: SEE IER 1R16005 JRC

Primary Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <b>CWK</b>	Assistant Examiner <b>JOHN W. BELL</b>	ASNT Level <b>II</b>	Initials <b>JB</b>	Non-Technical Review <b>Lynda Duke</b>	Date <b>3-16-00</b>
SNC NDE Level II/III Review <b>Lang Cordes LIII</b>		Date <b>3-17-00</b>	Percentage of Code Coverage <b>100 %</b>	ANII Review <b>Lynda Duke</b>		Date <b>3/21/00</b>	

Figure 1

Revision 6

# SHARED

FNP-0-NDE-100.5

PT-F-Form 001

Farley Nuclear Plant

## Liquid Penetrant Examination Record

Southern Nuclear Operating Company

Unit <b>1</b>	Component Number <b>ALA2-3500-4</b>	Procedure/Rev./TCN <b>FNP-0-NDE-100.5 / 6 / N/A</b>	Sheet No. <b>S00F1P007</b>	Page <b>1</b> of <b>1</b>
<div style="display: flex; justify-content: space-between;"> <div> <u>Thermometer</u>  Mfg. / Ser. No. <b>PTC / 38180</b>  Cal. Due Date <b>8/27/2000</b>  Surface Temp. <b>77 °F</b> </div> <div> <u>Penetrant Materials</u>  <div style="display: flex; justify-content: space-between;"> <div> Manufacturer <b>MAGNAFLUX</b>  Cleaner/Remover  Penetrant  Developer </div> <div> Type  <b>SKC-S</b>  <b>SKL-SP</b>  <b>SKD-S2</b> </div> <div> Batch  <b>98A10K</b>  <b>93D12K</b>  <b>96J08K</b> </div> </div> </div> </div>				
Component Configuration <b>RESID HX A OUT NOZ REINF WELD</b>			% of Length Coverage <b>100</b> % of Area Coverage <b>100</b>	Date <b>3/15/00</b>
Ind. No.	Results	Indication Desc. / Exam Limitations / etc.	Remarks	
<b>N/A</b>	<b>NI</b>	<b>N/A</b>	<b>N/A</b>	

REFERENCE IER 001 FROM 2-3-1 OUTAGE AND  
ABN 95-1-0763 FOR DOCUMENTATION OF  
FILLET WELD REMOVAL IN AREA OF INDICATION.

Remarks:

*JRC 3-16-00*

Primary Examiner <b>CLYDE KIEHL</b>	ASNT Level <b>II</b>	Initials <i>ewk</i>	Assistant Examiner <b>N/A</b>	ASNT Level <b>N/A</b>	Initials	Non-Technical Review <i>Lynda Duke</i>	Date <b>3-16-00</b>
SNC NDE Level II/III Review <i>Wang Cordes L/III</i>		Date <b>3-16-00</b>	Percentage of Code Coverage <b>100 %</b>	ANII Review <i>egw</i>		Date <b>3/17/00</b>	

Figure 1

Revision 6

**As Built Notice (ABN)**  
**J.M. Farley Nuclear Plant**

ABN Number: 95-1-0763

**Type of ABN:**

☐ Document As-Found Condition

☐ Incorporate DCP

☐ Document Installation of Items Approved by DCP

☐ Document Installation of Items Approved by POD

☐ Non-Design Document Change (Redraw, Editorial Change, Clarification, TMS Change, Etc.)

☐ FSAR Change

☒

Other: (Describe) TO DOCUMENT THE AS-LEFT CONDITION OF THE  
BNB HEAT EXCHANGER "B" - ISL SAGREN A142-3500-4

**Affected Documents:**

Document

U165770

Revision

3

Description: APPROXIMATELY 3" OF THE FILLET WELD WAS REMOVED PER INDICATION EVALUATION REPORT (ITER) 001 AND WORK ORDER M00530593. THIS IS THE FILLET WELD TO REINFORCEMENT PLATE AND THE VESSEL SNELL. THIS AS-LEFT CONDITION WAS EQUIVANT BY WESTINGHOUSE IN THE ATTACHED LETTER PER THE DESIGN REQUIREMENTS OF THE MANUFACTURER, JOSEPH CATY SONS.

OUTAGE 2-3-1 F95 RE-13

**Approvals**

Originator: J.M. Farley

Date: 10/12/95

Approving Manager: [Signature]

Date: 10/18/95

PMO Manager (1): [Signature]

Date: 10/18/95

Manager-Nuclear Engineering (2): \_\_\_\_\_

Date: \_\_\_\_\_

(1) Not Required for Offsite Originated ABNs. (2) Not Required for Offsite Originated ABNs.

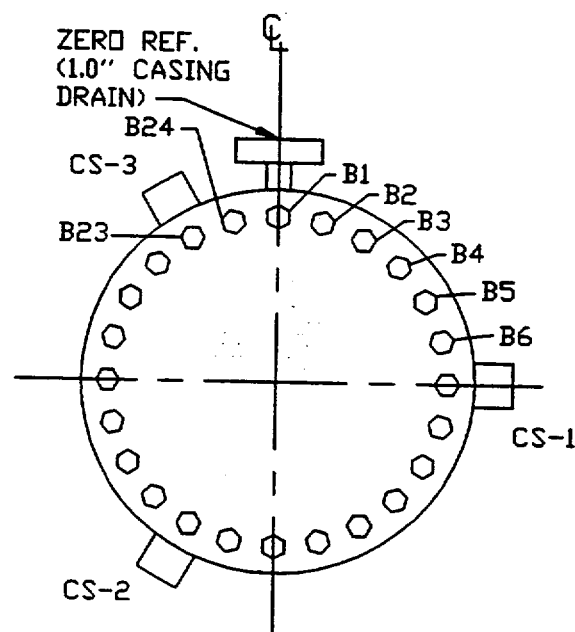
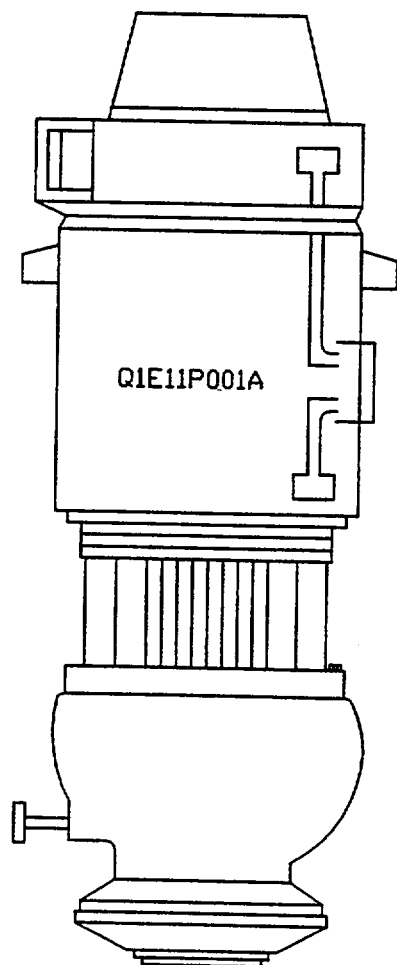
**DRAWING ALA2-5130**  
**RESIDUAL HEAT REMOVAL PUMP A**

[illegible]

AUXILIARY  
EL. 83'-0"  
ROOM 129

ALA2-5130

# RESIDUAL HEAT REMOVAL PUMP (A)



PRESSURE RETAINING BOLTING: 24 - 1.125" DIAMETER

3 SUPPORTS (FNP-FIG - 037)

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 RESIDUAL HEAT REMOVAL PUMP (A)

ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

SCS DRAWING NUMBER

SHEET

REV.

A-351192

121

1

CAD ALA25130  
AUTOCAD RAV-02

## FIGURE 2 SUPPORT EXAMINATION RECORD VT-3

### FARLEY NUCLEAR PLANT

### SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit <b>Farley / 1</b>	System/Support No. <b>ALA2-5130-CS-1</b>	WOWA/STP <b>N/A</b>	Sheet No. <b>S00F1V011</b>
Hangar Type <b>RHR PUMP (A) Q1E11P001A</b>	Type Exam/Technique <b>VT-3 / DIRECT</b>	Procedure/Rev. <b>FNP-0-NDE-100.23 / 3</b>	Exam Date <b>3/10/00</b>
Examiner / Initial <b>PAUL D'VALERIO</b> Sig. <i>[Signature]</i>	Level <b>II</b>	Resolution <input checked="" type="radio"/> 1/32" Division Scale <input type="radio"/> 1/32" Line (Gray Card)	Tools <b>FLASHLIGHT, MIRROR, SCALE</b>
Examiner / Initial <b>N/A</b> Sig.	Level <b>N/A</b>		
<b>EXAMINATION LIST:</b>  Deformation or structural degradation of fasteners, springs, clamps, or other support items. <span style="float: right;"><b>Acceptable</b></span>  Missing, detached, or loosened support items. <span style="float: right;"><b>Acceptable</b></span>  Arc strikes, weld spatter, paint scoring, roughness, or general corrosion on close tolerance machined or sliding surfaces. <span style="float: right;"><b>N/A</b></span>  Improper hot or cold positions. <span style="float: right;"><b>N/A</b></span>  Any crack or linear indication. <span style="float: right;"><b>Acceptable</b></span>  Fluid loss or lack of fluid induction (hydraulic snubber only). <span style="float: right;"><b>N/A</b></span>  Other Conditions: <span style="float: right;"><b>N/A</b></span>		<b>SKETCH (if applicable)</b>  <div style="height: 150px;"></div>	
Comments: <b>PLANT IN MODE 6 AT EXAM TIME</b>			
<i>[Signature]</i> <b>3-11-2000</b>		<b>ANII REVIEW:</b> <i>[Signature]</i> <b>3/15/00</b>	

# SHARED

FNP-0-NDE-100.23

RTYPE: L1.09

## FIGURE 2 SUPPORT EXAMINATION RECORD VT-3

### FARLEY NUCLEAR PLANT

### SOUTHERN NUCLEAR OPERATING COMPANY

Plant/Unit <b>Farley / 1</b>	System/Support No. <b>ALA2-5130-CS-2</b>	WO/WA/STP <b>N/A</b>	Sheet No. <b>S00F1V010</b>
Hanger Type <b>RHR PUMP (A) Q1E11P001A</b>	Type Exam/Technique <b>VT-3 / DIRECT</b>	Procedure/Rev. <b>FNP-0-NDE-100.23 / 3</b>	Exam Date <b>3/10/00</b>
Examiner / Initial <b>PAUL D'VALERIO</b>	Level <b>II</b>	Resolution <input checked="" type="radio"/> 1/32" Division Scale <input type="radio"/> 1/32" Line (Gray Card)	Tools <b>FLASHLIGHT, MIRROR, SCALE</b>
Sig. <i>Paul D'Valerio</i>			
Examiner / Initial <b>N/A</b>	Level <b>N/A</b>		
Sig.			
<b>EXAMINATION LIST:</b>  Deformation or structural degradation of fasteners, springs, clamps, or other support items. <b>Acceptable</b>  Missing, detached, or loosened support items. <b>Acceptable</b>  Arc strikes, weld spatter, paint scoring, roughness, or general corrosion on close tolerance machined or sliding surfaces. <b>N/A</b>  Improper hot or cold positions. <b>N/A</b>  Any crack or linear indication. <b>Acceptable</b>  Fluid loss or lack of fluid induction (hydraulic snubber only). <b>N/A</b>  Other Conditions: <b>N/A</b>		<b>SKETCH (if applicable)</b>	
Comments: <b>PLANT IN MODE 6 AT EXAM TIME</b>			
<i>Dan Cordes L/III 3-11-2000</i>		<i>AND REVIEW: CgWand 3/15/00</i>	

Revision 3

## RTYPE: L1.09

**SOUTHERN NUCLEAR OPERATING COMPANY**

### Revision 3