



FPL Energy.

Duane Arnold Energy Center

FPL Energy Duane Arnold, LLC
3277 DAEC Road
Palo, Iowa 52324

June 12, 2007

NG-07-0492
10 CFR 50.55a

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

Duane Arnold Energy Center
Docket 50-331
License No. DPR-49

Inservice Inspection Report

In accordance with the requirements of Paragraph IWA-6230 of ASME, Section XI, 1989 Edition/No Addenda (3rd interval), Paragraph IWA-6240 of ASME, Section XI, 2001 Edition/2003 Addenda (4th interval) and 10 CFR Section 50.55a(g), FPL Energy Duane Arnold LLC hereby submits the Refueling Outage (RFO) 20 Inservice Inspection Summary Reports (Enclosures 1 and 2). This report addresses examinations that were performed at the Duane Arnold Energy Center (DAEC) during the time period from May 4, 2005 through March 18, 2007. Information regarding augmented inspections performed during RFO 20 is included in Enclosure 3.

As noted on the Form NIS-1 included in each of the RFO 20 Summary Reports, the third ten-year interval began on November 1, 1996 and ended on October 31, 2006 and the fourth ten-year interval began on November 1, 2006.

This letter contains no new commitments nor revises any previous commitments.

If you have any questions, please contact Steve Catron at (319) 851-7234.

Gary Van Middlesworth
Site Vice President, Duane Arnold Energy Center
FPL Energy Duane Arnold, LLC

Enclosures (3)

cc: Administrator, Region III, USNRC
Project Manager, DAEC, USNRC
Resident Inspector, DAEC, USNRC

A047

NRR

**ENCLOSURE 1
TO NG-07-0492**

THIRD TEN YEAR INSERVICE INSPECTION SUMMARY REPORT

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
May 4, 2005 through October 31, 2006

DUANE ARNOLD ENERGY CENTER

UNIT #1 PALO, IOWA

Commercial Service Date: February 1, 1975

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION SUMMARY REPORT**

May 4, 2005 through October 31, 2006


Dated: June 1, 2007

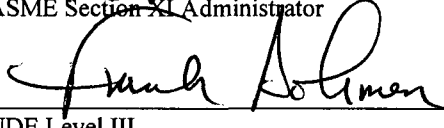
OWNER:


FPL ENERGY Duane Arnold LLC

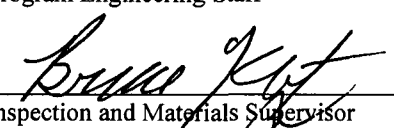
P.O. Box 14000

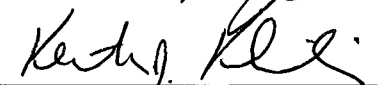
Juno Beach, FL 33408-0420

Prepared by:  Date: 5/31/07
ASME Section XI Administrator

Reviewed by:  Date: 5/31/07
NDE Level III

Reviewed by:  Date: 6-1-07
Program Engineering Staff

Reviewed by:  Date: 6-1-07
Inspection and Materials Supervisor

Concurred by:  Date: 6-1-07
Program Engineering Manager

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
May 4, 2005 through October 31, 2006

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**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
May 4, 2005 through October 31, 2006

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D	Table of Component and Weld Examination Identification Records	Page 1
E	Table of Additional and Successive Examinations Identification Records	Page 1
F	Abstract of ASME Section XI Repairs and Replacements	Page 1
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FORM NIS-1 (back)

8. Examination Dates 5/04/05 to 10/31/06 9. Inspection Interval from 11/01/96 to 10/31/06

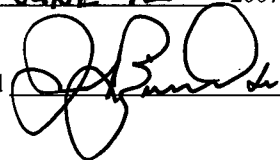
10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval.
Refer to Part C, Part D, and Part J.

11. Abstract of Conditions Noted
Refer to Part H.

12. Abstract of Corrective Measures Recommended and Taken
Refer to Part H.

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Date JUNE 12 2007

Signed  By JOHN BJORSETH

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

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Iowa and employed by HSB CT of Hartford CT have inspected the components described in this Owner's Data Report during the period 5/04/05 to 10/31/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Data Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Data 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.

Date 6-12 2007.


Inspector's Signature

Commissions NB 12329A-I 1496 IA
National Board, State, Province and No.

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
May 4, 2005 through October 31, 2006

Part B, page 1 of 2

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|--|--------------------------------------|
| 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 334090420 | |
| 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 | 3) Plant Unit: #1 |
| 4) Owners Certificate of Authorization (if required): N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

CERTIFICATE OF INSERVICE INSPECTION

COMPONENTS EXAMINED:

Reactor Pressure Vessel:

Manufacturer: Chicago Bridge and Iron
Post Office Box 13308
Memphis, TN 38113

National Board Number 3663, Mfr. Serial Number 3-4833

Refer to Part A, Page 1, form NIS-1, Owners Data Report for Inservice Inspections.

Piping :

Manufacturers, sizes, part numbers and locations are noted and traceable through the piping isometric and piping instrumentation drawings (P&ID). Installation contractor, fabricator, systems P&ID's and Isometric drawings are listed below.

Constructor :

Bechtel Power Co.
P.O. Box 3865
San Francisco, CA 94119

Fabricator -

Southwest Fabricating and Welding Co.
P.O. Box 9449
Houston, TX 77011

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
May 4, 2005 through October 31, 2006

Part C, page 1 of 1

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|--|--------------------------------------|
| 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 334090420 | |
| 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 | 3) Plant Unit: #1. |
| 4) Owners Certificate of Authorization (if required): N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

CERTIFICATE OF INSERVICE INSPECTION

ABSTRACT :

The Inservice Inspection addressed in this report was performed in accordance with the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI 1989 Edition, No Addenda, and the Duane Arnold Energy Center Updated Final Safety Analysis Report. The inspections were performed utilizing Non-Destructive Examination Techniques (i.e., UT, PT, MT, etc.). The examinations were conducted during the period of May 04, 2005 through October 31, 2006. The specific details and associated records of the examinations are on file at Duane Arnold Energy Center.

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
May 4, 2005 through October 31, 2006

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PART D
Inservice Inspection Report
RFO-20

1. Owner:
2. Plant:
3. Plant Unit:

4. Owner Certificate of Authorization (If Req.):
5. Commercial Service Date:
6. National Board Number for Unit:

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
ISI Interval 3, Period 3								
Class 1 Category B-A								
600	VLA-A001	REACTOR VESSEL (COURSE 1 VERT WELD @ 54 DEG)	B1.12	ISwT-PDI-AUT1	UT / VE-07-016 / Accept	RPV	VS-01-41 SHT-01	4/19/2007
700	VLA-A002	REACTOR VESSEL (COURSE 1 VERT WELD @ 234 DEG)	B1.12	ISwT-PDI-AUT1	UT / VE-07-017 / Accept	RPV	VS-01-41 SHT-01	4/19/2007
IWE Interval 1, Period 3								
Class C Category E-A								
500401	DW INT 757-776 SE	DW INTERIOR BETWEEN 757 to 776 (0-90)	E1.12	ACP1211.18	VT / VT-07-023 / Accept	DW	N/A	2/14/2007
500451	DW INT 776-798 SE	DW INTERIOR BETWEEN 776 TO 798 (0-90)	E1.12	ACP1211.18	VT / VT-07-024 / Accept	DW	N/A	2/14/2007
502100	DRYWELL STAB #2	DRYWELL STABILIZER #2 (45) X-58H	E1.12	ACP1211.18	VT / VT-07-034 / Accept	DW	N/A	2/14/2007
504700	STP 3.6.1.1-01	ACCESSIBLE AREAS	E1.11	ACP1211.18	VT / VT-07-123 / Accept	CONTAINMENT		3/2/2007
Class C Category E-G								
502050	DRYWELL STAB #1	DRYWELL STABILIZER #1 (0) BOLTING	E8.10	ACP1211.18	VT / VT-07-029 / Accept	DW	N/A	2/14/2007
502250	DRYWELL STAB #3	DRYWELL STABILIZER #3 (90) BOLTING	E8.10	ACP1211.18	VT / VT-07-030 / Accept	DW	N/A	2/14/2007
502650	DRYWELL STAB #7	DRYWELL STABILIZER #7 (270) BOLTING	E8.10	ACP1211.18	VT / VT-07-031 / Accept	DW	N/A	2/14/2007
504000	CRD BOLTS	CRD HATCH BOLTING (24 EA)	E8.10	ACP1211.18	VT / VT-07-057 / Accept	DW	C003-156	2/20/2007

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
May 4, 2005 through October 31, 2006

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**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**

May 4, 2005 through October 31, 2006.....

- 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 334090420
- 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324
- 3) Plant Unit: #1
- 4) Owners Certificate of Authorization (if required) : N/A
- 5) Commercial Service Date: 02/01/75
- 6) National Board Number of Unit: N/A
- Gross Generating Capacity: 649 MWE

ADDITIONAL EXAMINATION IDENTIFICATION RECORDS

Class 1					
Component Examined	Previous ISI Report Number	ISI Report Number	Examination	ASME XI Category	Results

NO ADDITIONAL EXAMS WERE PERFORMED DURING THE THIRD PERIOD FOR THIS CYCLE

SUCCESSIVE EXAMINATION IDENTIFICATION RECORDS

Class 1					
Component Examined	Previous ISI Report Number	ISI Report Number	Examination	ASME XI Category	Results

SUCCESSIVE EXAMS ARE DOCUMENTED IN THE FIRST PERIOD OF THE FOURTH TEN YEAR INTERVAL SUMMARY REPORT

**THIRD TEN YEAR INTERVAL
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May 4, 2005 through October 31,-2006

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**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
May 4, 2005 through October 31, 2006

Part F, page 1 of 1

- 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 33409-0420
2) Plant: Duane Arnold Energy Center, Palo, IA. 52324
3) Plant Unit: #1
4) Owners Certificate of Authorization (if required): N/A
5) Commercial Service Date: 02/01/75
6) National Board Number of Unit: N/A
Gross Generating Capacity: 649 MWE

ABSTRACT OF ASME SECTION XI REPAIRS AND REPLACEMENTS

The repairs and replacements addressed in this report were performed in accordance with the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI, 1992 with the 1992 Addenda (Ref. Relief Request NDE-R015 Rev. 1).

<u>NIS-2 NO.</u>	<u>CLASS</u>	<u>COMPONENT</u>	<u>WORK DOCUMENT</u>	<u>DESCRIPTION</u>
20-07-04	2	GBB-3-SS-225 (RHI-CE056)	<u>PWO 1135691</u>	<u>Removed snubber DA-038 and installed snubber DA-366</u>

**THIRD TEN YEAR INTERVAL
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**THIRD TEN YEAR INTERVAL
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Part G, page 1 of 4

- 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 33409-0420
- 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324
- 3) Plant Unit: #1
- 4) Owners Certificate of Authorization (if required): N/A
- 5) Commercial Service Date: 02/01/75
- 6) National Board Number of Unit: N/A
- Gross Generating Capacity: 649 MWE

Form NIS-2's

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
May 4, 2005 through October 31, 2006

Part G, page 2 of 4

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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 02/08/07
Name

P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address

2. Plant Duane Arnold Energy Center Unit 1
Name

3277 DAEC Road, Palo, IA 52324 PWO 1135691
Address Repair Organization to P. O. No., Job No., etc.

3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None

4. Identification of System: GBB-003-SS-225 (HSSA-10 Snubber)

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition 71 Addenda N/A Code Case.

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992-A92

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
HSSA-10 Snubber	Anchor Darling	Removed DA-038 Installed DA-366	N/A	N/A	Unknown	Replaced	No

7. Description of Work: Removed snubber DA-038 and installed snubber DA-366 at location GBB-003-SS-225

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Snubber DA-038 was replaced due to seal life expiration. A rebuilt snubber, DA-366, was rebuilt, tested, and installed in location GBB-003-SS-225. DA-366 was rebuilt on PWO 1136216 (no load bearing parts were replaced or repaired during rebuild) A VT-3 examination (P07041) was performed following installation of DA-366.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed *Scott P. Reuber* Program Engineering Date February 8th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 10-6-06 To 2-9-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL
Inspector's Signature

Commissions NB 12339ANE, 1486 IA
National Board, State, Province, and Endorsements

Date 2-9, 2007

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
May 4, 2005 through October 31, 2006

Part H, page 1 of 1

- 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 33409-0420
- 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324
- 3) Plant Unit: #1
- 4) Owners Certificate of Authorization (if required): N/A
- 5) Commercial Service Date: 02/01/75
- 6) National Board Number of Unit: N/A
- Gross Generating Capacity: 649 MWE

ABSTRACT OF CONDITIONS NOTED AND CORRECTVIE MEASURES TAKEN:

The corrective measures are addressed in this report and were performed in accordance with the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI, 1992 with the 1992 Addenda (Ref. Relief Request NDE-R015 Rev. 1), and the Duane Arnold Energy Center Updated Final Safety Analysis Report. The corrective measures performed as Repairs or Replacements are listed in Part F of this report and are documented, using Form NIS-2, in accordance with the American Society of Mechanical Engineers Boiler and Pressure Vessel Code Section XI, 1992, 1992 Addenda. Specific details and associated records of additional corrective measures are on file at Duane Arnold Energy Center. The corrective measures addressed were performed during the period of May 4, 2005 through October 31, 2006.

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
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**THIRD TEN YEAR INTERVAL
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Part I, page 1 of 3

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|--|--------------------------------------|
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| 4) Owners Certificate of Authorization (if required): N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

ISI FIGURES AND ISOMETRICS

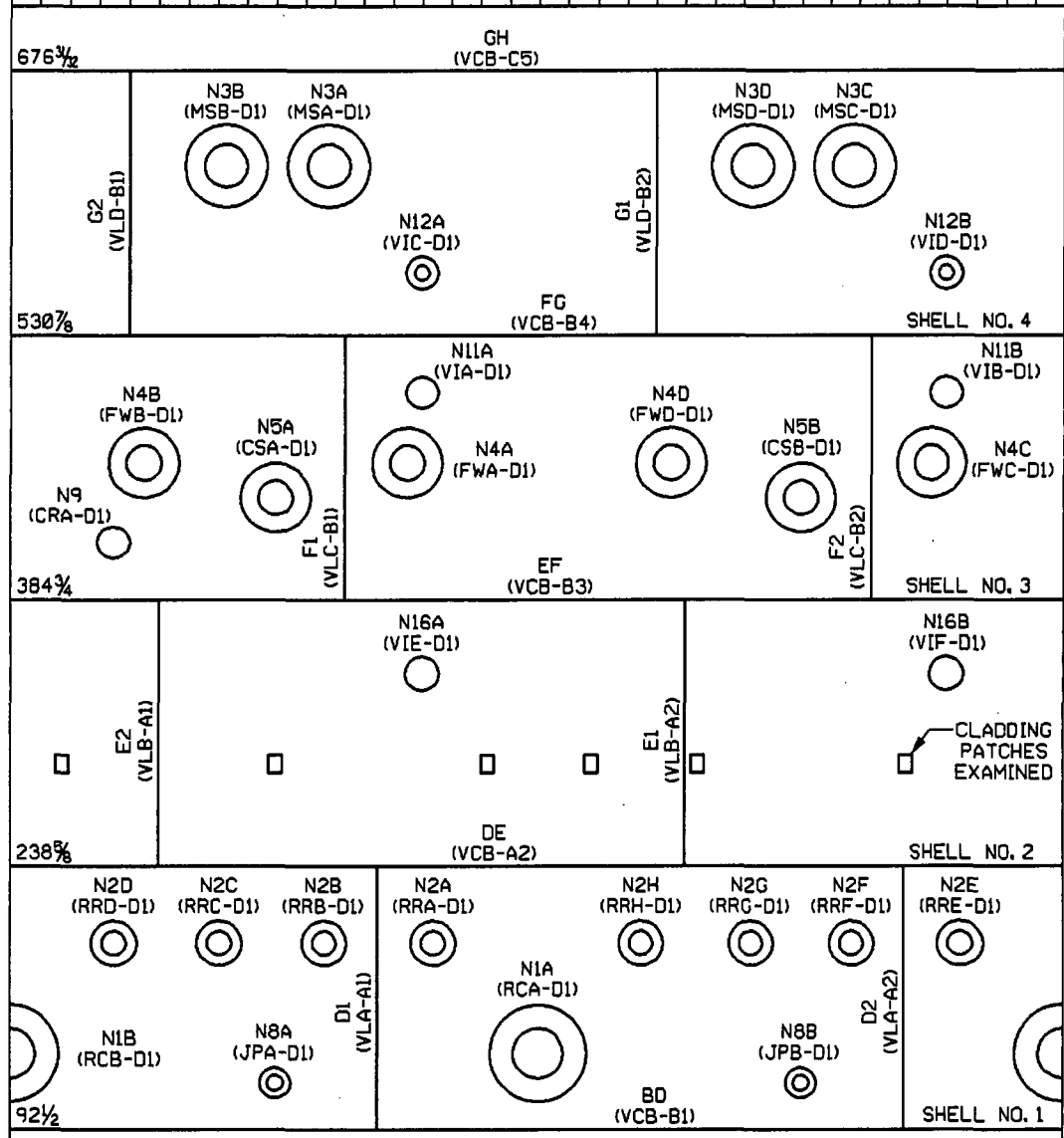
PLEASE NOTE: ISI Figures and Isometrics are listed in Part B and Part D of this report

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
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Part I, page 2 of 3

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180 160 140 120 100 80 60 40 20 0 340 320 300 280 260 240 220 200 180
 170 150 130 110 90 70 50 30 10 350 330 310 290 270 250 230 210 190



OUTSIDE VIEW

NO.	DATE	REVISION	MS	DRF	TR	CHKD	ENGR	VER.
1	12-08-94	DRAFTED FOR VESSEL INSPECTION PROGRAM						

IES:
 Inservice Inspection Program
 Reactor Pressure Vessel Sketch

VESEL SHELL RING
 LAYOUT
 DWG. NO. VS-01-41

REV.
 1

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
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| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

STATUS OF WORK FOR THIRD TEN YEAR INTERVAL

(Those percentages shown are actual, where the percentages exceed the allowable only the maximum (50% for period one and at least 16% for period two) will be taken credit for).

CLASS 1

<u>ITEM NO.</u>	<u>TOTAL #</u>	<u>PERIOD 1</u>	<u>PERIOD 2</u>	<u>PERIOD 3</u>	<u>REMARKS</u>
B1.11	4	0%	0%	0%	See Note 12
B1.12	8	0%	0%	100%	See Note 13
B1.21	2	25%	50%	100%	
B1.22	15	0%	0%	100%	
B1.30	1	50%	50%	100%	See Note 7 and 13
B1.40	1	33%	67%	100%	See Note 14
B3.90	33	48%	73%	100%	See Note 1,8
B3.100	33	48%	73%	100%	See Note 1,8
B4.11	2	0%	0%	100%	See Note 2
B4.12	89	0%	0%	100%	See Note 2
B4.13	30	0%	0%	100%	See Note 2
B5.10	14	50%	71%	71%	See Note 8 and 11
B5.20	8	38%	63%	63%	See Note 11
B5.130	8	38%	63%	63%	See Note 11
B5.140	2	0%	50%	50%	See Note 11
B6.10	60	33%	67%	100%	
B6.20	56	29%	64%	100%	
B6.30	4	100%	100%	100%	
B6.40	60	33%	67%	100%	
B6.50	60	33%	67%	100%	
B6.180	2	0%	0%	0%	See Note 3
B6.190	2	0%	0%	0%	See Note 3
B6.200	2	0%	0%	0%	See Note 3
B7.10	3	33%	67%	100%	
B7.50	5	20%	20%	20%	See Note 3
B7.60	2	0%	0%	0%	See Note 3
B7.70	47	4%	6%	9%	See Note 3
B7.80	89	15%	15%	340%	See Note 3
B9.11	94	22%	33%	33%	See Note 11
B9.12	0	0%	0%	0%	See Note 6 and 11
B9.21	9	22%	22%	22%	See Note 11
B9.31	6	17%	33%	33%	See Note 11
B9.32	1	0%	0%	0%	See Note 11
B9.40	23	22%	40%	40%	See Note 11
B10.10	1	0%	0%	100%	See Note 4
B10.20	3	33%	67%	100%	See Note 4

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**

May 4, 2005 through October 31, 2006

- 1) Owners: FPL Energy-Duane Arnold LLC, PO Box 14000, Juno Beach, FL 334090420
 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 3) Plant Unit: #1
 4) Owners Certificate of Authorization (if required): N/A 5) Commercial Service Date: 02/01/75
 6) National Board Number of Unit: N/A Gross Generating Capacity: 649 MWE

STATUS OF WORK FOR THIRD TEN YEAR INTERVAL

CLASS 1

<u>ITEM NO.</u>	<u>TOTAL #</u>	<u>PERIOD 1</u>	<u>PERIOD 2</u>	<u>PERIOD 3</u>	<u>REMARKS</u>
B10.30	1	0%	0%	100%	See Note 4
B12.20	2	0%	0%	0%	
B12.50	45	6%	9%	11%	See Note 3
B13.10	35	37%	63%	100%	
B13.20	11	36%	36%	100%	
B13.30	27	4%	4%	100%	
B13.40	5	20%	20%	100%	
B14.10	3	0%	0%	100%	
B15.10	1	N/A	N/A	N/A	Once per refueling outage
B15.11	1	N/A	N/A	N/A	Once per interval

CLASS 1 AND CLASS 2 Risk Informed

<u>ITEM NO.</u>	<u>TOTAL #</u>	<u>PERIOD 1</u>	<u>PERIOD 2</u>	<u>PERIOD 3</u>	<u>REMARKS</u>
R-I	70	0%	33%	61%	See Note 11

CLASS 2

<u>ITEM NO.</u>	<u>TOTAL #</u>	<u>PERIOD 1</u>	<u>PERIOD 2</u>	<u>PERIOD 3</u>	<u>REMARKS</u>
C1.10	2	50%	50%	100%	
C1.20	1	0%	100%	100%	
C2.21	2	0%	50%	100%	
C2.22	2	0%	50%	100%	
C3.10	1	0%	0%	100%	See Note 4
C3.20	7	29%	57%	100%	See Note 4
C5.51	69	17%	36%	36%	See Note 11
C5.81	1	100%	100%	100%	See Note 11
C7.10	5	N/A	N/A	N/A	Once per period
C7.20	5	N/A	N/A	N/A	Once per interval

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
May 4, 2005 through October 31, 2006

- | | |
|--|--------------------------------------|
| 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 334090420 | |
| 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 | 3) Plant Unit: #1 |
| 4) Owners Certificate of Authorization (if required): N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

**STATUS OF WORK FOR THIRD TEN YEAR INTERVAL
CLASS 1 AND 2 SUPPORTS**

<u>ITEM NO.</u>	<u>TOTAL #</u>	<u>PERIOD 1</u>	<u>PERIOD 2</u>	<u>PERIOD 3</u>	<u>REMARKS</u>
F1.10	42	33%	64%	100%	See Note 5
F1.20	52	27%	58%	100%	See Note 5
F1.40	20	40%	65%	100%	See Note 5

STATUS OF WORK FOR (IWE) FIRST TEN YEAR INTERVAL

CLASS MC

<u>ITEM NO.</u>	<u>TOTAL #</u>	<u>PERIOD 1</u>	<u>PERIOD 2</u>	<u>PERIOD 3</u>	<u>REMARKS</u>
E1.11	3	33%	67%	100%	
E1.12	31	19%	67%	100%	
E1.20	8	38%	75%	100%	
E4.11	2	0%	40%	100%	See Note 9
E5.30	4	25%	75%	100%	
E8.10	14	29%	71%	100%	
E9.20	*	N/A	N/A	N/A	See Note 10

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**

May 4, 2005 through October 31, 2006

Part J, page 4 of 5

- | | |
|--|--------------------------------------|
| 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 334090420 | |
| 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 | 3) Plant Unit: #1 |
| 4) Owners Certificate of Authorization (if required): N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

STATUS OF WORK FOR THIRD TEN YEAR INTERVAL

- NOTE 1 - Item Numbers B3.90, B3.100
There are a total of 34 nozzles, however 1 of the nozzles is exempt by IWB-1220(c) and not included in the percentages.
- NOTE 2 - Item Numbers B4.11, B4.12, B4.13
These items are required to be examined during conduct of the system hydrostatic test, FPL Energy Duane Arnold LLC has implemented Code Case N-498-1 (TAP-P010)
- NOTE 3 - Item Numbers B6.180, B6.190, B6.200, B7.50, B7.60, B7.70, B7.80, B12.50
These examinations are performed when the component is disassembled for other reasons. Therefore IWX-2412-1 does not apply.
- NOTE 4 - Item Numbers B10.10, B10.20, B10.30, C3.10, C3.20
These item numbers are from Code Case N509 (TAP-I004)
- NOTE 5 - Item Number F1.10, F1.20, F1.40
These item numbers are from Code Case N491 (TAP-I005)
- NOTE 6 - Item Number B9.12
There are no welds counted for this item number because of the use of Code Case N-524 (NDE-R009)
- NOTE 7 - Item Number B1.30
50% of the shell-to-flange weld may be performed during the first and third inspection periods as allowed by Note 4 of Table IWB-2500-1.
- NOTE 8 - Item Numbers B3.90, B3.100, B5.10
Relief Request NDE-R024 allows alternative percentages (ref. Code Case N-598). 2 of the Nozzle-to-safeend welds (RRB-F002 and RRD-F002) have been repaired by applying a weld overlay. These two welds are now covered by the requirements of BWRVIP-75.
- NOTE 9 - Item Number E4.11
The DAEC has evaluated the need for augmented examination per this item number and has determined that the Torus should be examined twice per interval. Details are specified in Technical Approach and Position TAP-E002.
- NOTE 10 - Item Number E9.20
There are no components identified under this item number because the DAEC has been approved to use Option B of Appendix J. The "Performance Based Containment Testing Program" contains the requirements.
- NOTE 11 - Item Numbers B5.XX, B9.XX, C5.XX, and R-I
Risk-Informed methods are utilized as described in EPRI TR-112657B-A to determine scope of inspections for examination categories B-F, B-J, and C-F-2. The Risk-Informed scope has been combined into a new item number R-I for implementation in the second and third periods of the third interval.

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**

May 4, 2005 through October 31, 2006

Part J, page 5 of 5

- | | |
|--|--------------------------------------|
| 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 334090420 | |
| 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 | 3) Plant Unit: #1 |
| 4) Owners Certificate of Authorization (if required): N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

STATUS OF WORK FOR THIRD TEN YEAR INTERVAL

NOTE 12 - Item Number B1.11

There are no welds counted for this item number because of the use of Relief Request NDE-R033

NOTE 13 – Item Number B1.12 and B1.30

Relief Request approved April 4, 2006 (date of SER) requested deferral of examination of two welds. Due to issues with the UT cable configuration another relief request was submitted on February 19, 2007 to further extend the interval for welds VLA-A001, VLA-A002, VLB-A001, VLB-A002, VLC-B001, VLC-B002, VLD-B001, VLD-B002, and shell-to-flange weld VCB-C005.

NOTE 14 – Item Number B1.40

This weld was examined in “thirds”. To obtain increased coverage, the “third” that was examined in period 1 was re-examined in period 3.

NOTE 15 – Item Number B13.10

Areas to be examined shall include the spaces above and below the reactor core that are made accessible for examinations by removal of components during normal refueling outages.

NOTE 16 – Item Number B13.10

The RFO17 Summary Report included Shroud Ledge/Vessel Weld (Summary No. 175000), as a B-N-1, B131.0 examination, however it did not report the B-N-2. B13.30 VT-3 performed (Summary No. 174700).

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
May 4, 2005 through October 31, 2006

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**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**

May 4, 2005 through October 31, 2006

Part K, page 1 of 1

- 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 334090420
2) Plant: Duane Arnold Energy Center, Palo, IA. 52324
3) Plant Unit: #1
4) Owners Certificate of Authorization (if required) : N/A
5) Commercial Service Date: 02/01/75
6) National Board Number of Unit: N/A
Gross Generating Capacity: 649 MWE

RELIEF REQUESTS

The following are the relief requests and code cases that were used during the period of this Summary Report.

<u>RELIEF REQUESTS</u>	<u>DESCRIPTION</u>
NDE-R011	Use of Existing Calibration Blocks as an alternative
NDE-R014	Exemption from Appendix III calibration block notch dimensions
NDE-R015 Rev. 1	Use of the 1992 Addenda of ASME Section XI to govern repairs/replacements
NDE-R033	Request to use BWRVIP-05 recommendations for reduced circumferential vessel welds.
NDE-R035	Alternative Requirements to Required Percentages of Examinations
NDE-R038	Alternative Requirements to VII-4240 "Annual Training"
NDE-R041	Use of the 1992 Edition of ASME Section XI for "Additional Examinations"
Relief Request	Request for Relief to extend the Third 10 Year Inservice Inspection Interval for the Examination of Welds VLA-A001 and VLA-A002 (SER Dated 4/04/06)
PR-002	Alternative Testing for Class2 Pressure Retaining Containment Penetrations connected to non-safety related piping systems
MC-R001	Qualification of Nondestructive Examination Personnel
MC-R002	Alternative to VT-3 for Seals and Gaskets
MC-R003	Alternative to Torque Test of Bolting
MC-R004	Preservice Examination of Reapplied Paint or Coatings
MC-R005	Visual Examination of Painted or Coated Containment Components Prior to Removal of Paint or Coatings
MC-R006	Successive examinations of Repaired Areas
<u>CODE CASE #</u>	<u>DESCRIPTION</u>
N-416-1 (PR-004)	Alternative pressure testing requirements for welded repairs or installation or replacement items by welding, Class 1, 2, and 3.
N-508-1 (NDE-R033)	Rotation of Serviced Snubbers and Pressure Relief Valves for the Purpose of Testing
N-516-1 (NDE-R042)	Underwater Welding
N-546 (PR-008)	Alternative requirements for Qualification of VT-2 Examination Personnel
N-598 (NDE-R035)	Alternative Requirements to Required Percentages of Examinations

**THIRD TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
May 4, 2005 through October 31, 2006

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**ENCLOSURE 2
TO NG-07-0492**

FOURTH TEN YEAR INSERVICE INSPECTION SUMMARY REPORT

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

DUANE ARNOLD ENERGY CENTER

UNIT #1 PALO, IOWA

Commercial Service Date: February 1, 1975

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION SUMMARY REPORT**

Nov. 1, 2006 through March 18, 2007

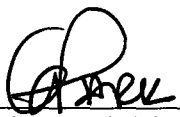
Dated: June 1, 2007

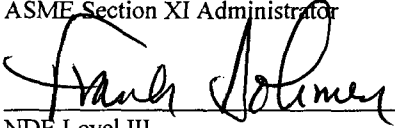
OWNER:


FPL ENERGY Duane Arnold LLC

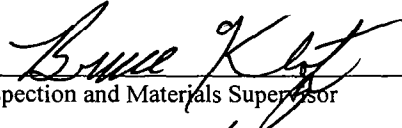
P.O. Box 14000

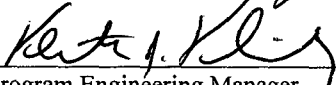
Juno Beach, FL 33408-0420

Prepared by:  Date: 6/5/07
ASME Section XI Administrator

Reviewed by:  Date: 6/6/07
NDE Level III

Reviewed by:  Date: 6-6-07
Program Engineering Staff

Reviewed by:  Date: 6-6-07
Inspection and Materials Supervisor

Concurred by:  Date: 6-6-07
Program Engineering Manager

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

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**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

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C	Abstract	Page 1
D	Table of Component and Weld Examination Identification Records	Pages 1-7
E	Table of Additional Examinations Identification Records	Page 1
F	Table of Successive Examinations Identification Records	Page 1
G	Abstract of ASME Section XI Repairs and Replacements	Page 1-3
H	Form NIS-2's	Pages 1-112
I	Abstract of Conditions Noted and Corrective Measures Taken	Page 1
J	ISI Figures and Isometrics	Pages 1-24
K	Status of Work for Fourth Ten Year Interval	Pages 1-4
L	Listing of Relief Requests and Code Cases Utilized	Page 1

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

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FORM NIS-1 (back)

8. Examination Dates 11/01/06 to 03/18/07 9. Inspection Interval from 11/01/06 to 02/21/14

10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval.

Refer to Part B and Part I.

11. Abstract of Conditions Noted

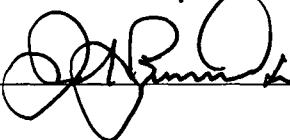
Refer to Part G.

12. Abstract of Corrective Measures Recommended and Taken

Refer to Part G.

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Date JUNE 12, 2007

Signed  By JOHN BJORSETH


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

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Iowa and employed by HSB CT of Hartford CT have inspected the components described in this Owner's Data Report during the period 11/01/06 to 03/18/07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Data Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Data 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.

Date 6-12 2007.


Inspector's Signature

Commissions NB 12329ANI,
National Board, State, Province and No. 1496-I9

* Note - Other owners are Central Iowa Power Cooperative and Corn Belt Power Cooperative.

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

Part B, page 1 of 2

- 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 33409-0420
- 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324
- 3) Plant Unit: #1
- 4) Owners Certificate of Authorization (if required) : N/A
- 5) Commercial Service Date: 02/01/75
- 6) National Board Number of Unit: N/A
- Gross Generating Capacity: 649 MWE

CERTIFICATE OF INSERVICE INSPECTION

COMPONENTS EXAMINED:

Reactor Pressure Vessel:

Manufacturer: Chicago Bridge and Iron
Post Office Box 13308
Memphis, TN 38113

National Board Number 3663, Mfr. Serial Number 3-4833

Refer to Part A, Page 1, form NIS-1, Owners Data Report for Inservice Inspections.

Piping :

Manufacturers, sizes, part numbers and locations are noted and traceable through the piping isometric and piping instrumentation drawings (P&ID). Installation contractor, fabricator, systems P&ID's and Isometric drawings are listed below.

Constructor :

Bechtel Power Co.
P.O. Box 3865
San Francisco, CA 94119

Fabricator -

Southwest Fabricating and Welding Co.
P.O. Box 9449
Houston, TX 77011

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

Part B, page 2 of 2

- | | |
|---|--------------------------------------|
| 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 33409-0420 | |
| 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 | 3) Plant Unit: #1 |
| 4) Owners Certificate of Authorization (if required): N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

CERTIFICATE OF INSERVICE INSPECTION

COMPONENTS EXAMINED:

CLASS 1

Component	Iso No
TOP HEAD ASSEMBLY	VS-01-06
RECIRCULATION MANIFOLD 'B' AND RISERS A,B,C,D	1.2-22
RECIRCULATION MANIFOLD 'A' AND RISERS E,F,G,H	1.2-20
CORE SPRAY 'B'	1.2-08
FEEDWATER 'A' & 'B'	1.2-05
JET PUMP INSTRUMENTATION 'A'	1.2-25
HEAD VENT	1.2-24
RHR-HEADSPRAY	1.2-13
RECIRCULATION PUMP 'B' & DISCHARGE VALVE BY PASS	1.2-21A
RECIRCULATION PUMP 'B'	1.3-03
CORE SPRAY 'A'	1.2-07
RWCU DISCHARGE 'CLEAN'	1.2-11B
RECIRCULATION PUMP 'A' & DISCHARGE VALVE BY PASS	1.2-19A
FEEDWATER 'C' & 'D'	1.2-06
RWCU SUCTION 'DIRTY'	1.2-11A
RESIDUAL HEAT REMOVAL-20A	1.2-15

IVVI

Component	Iso No
VESSEL INTERNALS	VARIOUS

CLASS 2

Component	Iso No
RHR HEAT EXCHANGER 'A' & 'B'	2.1-01
CORE SPRAY DISCHARGE (SE)	2.2-49
RHR FUEL POOL COOLING AND CLEANUP	2.2-43
CORE SPRAY SUCTION (NW)	2.2-51
CORE SPRAY DISCHARGE (NW)	2.2-52A
HPCI PUMP SUCTION	2.2-44

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

Part C, page 1 of 1

- | | |
|---|--------------------------------------|
| 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 33409-0420 | |
| 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 | 3) Plant Unit: #1 |
| 4) Owners Certificate of Authorization (if required): N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

CERTIFICATE OF INSERVICE INSPECTION

ABSTRACT :

The Inservice Inspection addressed in this report was performed in accordance with the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI 2001 Edition, 2003 Addenda, and the Duane Arnold Energy Center Updated Final Safety Analysis Report. The inspections were performed utilizing Non-Destructive Examination Techniques (i.e., UT, PT, MT, etc.). The examinations were conducted during the period of November 1, 2006 through March 18, 2007. The specific details and associated records of the examinations are on file at Duane Arnold Energy Center.

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

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PART D
Inservice Inspection Report
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
 Juno Beach, FL 33409-0420
 2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
 Palo, IA 52324
 3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
Class 1	Category B-A							
3300	HCC-C001	REACTOR VESSEL(STUD HOLES 60-20)	B1.40	ACP1211.5	MT / MT-07-001 / Accept	RPV	VS-01-06 SHT- 01	2/21/2007
3300	HCC-C001	REACTOR VESSEL(STUD HOLES 60-20)	B1.40	ACP1211.27	UT/ UT-07-100 / Accept	RPV	VS-01-06 SHT- 01	2/22/2007
Class 1	Category B-D							
10100	RRC-D001	REACTOR VESSEL - NOZZLE	B3.90	ACP1211.44	UT / UT-07-074 / Accept	RR	1.2-22 SHT-01	2/14/2007
10200	RRC-D001- INNER RAD	REACTOR VESSEL - NOZZLE	B3.100	ACP1211.44	UT / UT-07-075 / Accept	RR	1.2-22 SHT-01	2/14/2007
10500	RRE-D001	REACTOR VESSEL - NOZZLE	B3.90	ACP1211.44	UT / UT-07-079 / Accept	RR	1.2-20 SHT-01	2/15/2007
10600	RRE-D001- INNER RAD	REACTOR VESSEL - NOZZLE	B3.100	ACP1211.44	UT / UT-07-078 / Accept	RR	1.2-20 SHT-01	2/15/2007
11100	RRH-D001	REACTOR VESSEL - NOZZLE	B3.90	ACP1211.44	UT / UT-07-077 / Accept	RR	1.2-20 SHT-01	2/20/2007
11200	RRH-D001- INNER RAD	REACTOR VESSEL - NOZZLE	B3.100	ACP1211.44	UT / UT-07-076 / Accept	RR	1.2-20 SHT-01	2/20/2007
5000	CSB-D001	REACTOR VESSEL - NOZZLE	B3.90	ACP1211.44	UT / UT-07-060 / Accept	CS	1.2-08 SHT-01	2/16/2007
5100	CSB-D001- INNER RAD	REACTOR VESSEL - NOZZLE	B3.100	ACP1211.44	UT / UT-07-059 / Accept	CS	1.2-08 SHT-01	2/16/2007
5300	FWA-D001	REACTOR VESSEL - NOZZLE	B3.90	ACP1211.27	UT / UT-07-048 / Accept	FW	1.2-05 SHT-01	2/13/2007
5400	FWA-D001- INNER RAD	NOZZLE - NOZZLE BORE	B3.100	ACP1211.44	UT / UT-07-055 / Accept	FW	1.2-05 SHT-01	2/13/2007

PART D
Inservice Inspection Report
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
 Juno Beach, FL 33409-0420
 2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
 Palo, IA 52324
 3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
7700	JPA-D001	REACTOR VESSEL - NOZZLE	B3.90	ACP1211.44	UT / UT-07-063 / Accept	JP	1.2-25 SHT-01	2/16/2007
7800	JPA-D001- INNER RAD	REACTOR VESSEL - NOZZLE	B3.100	ACP1211.44	UT / UT-07-062 / Accept	JP	1.2-25 SHT-01	2/16/2007
9700	RRA-D001	REACTOR VESSEL - NOZZLE	B3.90	ACP1211.44	UT / UT-07-098 / Accept	RR	1.2-22 SHT-01	2/14/2007
9800	RRA-D001- INNER RAD	REACTOR VESSEL - NOZZLE	B3.100	ACP1211.44	UT / UT-07-097 / Accept	RR	1.2-22 SHT-01	2/14/2007
Class 1	Category B-G-2							
149600	HVA-FLG- STUD	STUD/NUTS AT PENETRATION	B7.50	ACP1211.7	VT / VT-07-025 / Accept	RHV	1.2-24 SHT-01	2/12/2007
84500	RHA-FLG- BOLTING	FLANGE - BOLTING	B7.10	ACP1211.7	VT / VT-07-043 / Accept	RH	1.2-13 SHT-01	2/22/2007
Class 1	Category B-N-1							
169200	GUIDE ROD BRT (180)	REACTOR VESSEL (180 DEG)	B13.10	ACP1211.36	VT / BWRVIP-142 / NRI	RPV	VS-01-28 SHT- 01	2/15/2007
173800	SSH-108 DEG	SURVEILLANCE SAMPLE HOLDER BRACKET	B13.10	ACP1211.36	VT / BWRVIP-234 / NRI	RPV	VS-10-02 SHT- 01	2/17/2007
175100	SHD-LEDGE H-8, H-9 180- 270	REACTOR VESSEL SHROUD LEDGE (180-270 DEG)	B13.10	ACP1211.36	VT / BWRVIP-171 / NRI	RPV	VS-02-11 SHT- 01	2/17/2007
175101	SHD-LEDGE H-8 & H-9 270-360	REACTOR VESSEL SHROUD LEDGE (270-360 DEG)	B13.10	ACP1211.36	VT / BWRVIP-265 / NRI	RPV	VS-02-11 SHT- 01	2/20/2007
175600	VESSEL HEAD	REACTOR VESSEL	B13.10	ACP1211.36	VT / BWRVIP-285 / NRI	RPV	VS-01-06 SHT- 01	2/13/2007
Class 1	Category B-N-2							

PART D
Inservice Inspection Report
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
 Juno Beach, FL 33409-0420
 2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
 Palo, IA 52324
 3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A
 5. Commercial Service Date: 02/01/1975
 6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
12601	CRGT-2-19	REACTOR VESSEL - CONTROL ROD GUIDE TUBE	B13.40	ACP1211.36	VT / BWRVIP-277 / NRI	RPV	VS-12-04 SHT- 01	2/21/2007
12602	FSC-2-19	REACTOR VESSEL - FUEL SUPPORT CASTING	B13.40	ACP1211.36	VT / BWRVIP-284 / NRI	RPV	VS-03-09 SHT- 01	2/21/2007
13201	CRGT-6-11	REACTOR VESSEL - CONTROL ROD GUIDE TUBE	B13.40	ACP1211.36	VT / BWRVIP-276 / NRI	RPV	VS-12-04 SHT- 01	2/20/2007
13202	FSC-6-11	REACTOR VESSEL - FUEL SUPPORT CASTING	B13.40	ACP1211.36	VT / BWRVIP-270 / NRI	RPV	VS-03-09 SHT- 01	2/20/2007
14301	CRGT-10-07	REACTOR VESSEL - CONTROL ROD GUIDE TUBE	B13.40	ACP1211.36	VT / BWRVIP-275 / NRI	RPV	VS-12-04 SHT- 01	2/21/2007
14302	FSC-10-07	REACTOR VESSEL - FUEL SUPPORT CASTING	B13.40	ACP1211.36	VT / BWRVIP-271 / NRI	RPV	VS-03-09 SHT- 01	2/21/2007
15701	CRGT-14-19	REACTOR VESSEL - CONTROL ROD GUIDE TUBE	B13.40	ACP1211.36	VT / BWRVIP-274 / NRI	RPV	VS-12-04 SHT- 01	2/21/2007
15702	FSC-14-19	REACTOR VESSEL - FUEL SUPPORT CASTING	B13.40	ACP1211.36	VT / BWRVIP-269 / NRI	RPV	VS-03-09 SHT- 01	2/21/2007
15901	CRGT-14-27	REACTOR VESSEL - CONTROL ROD GUIDE TUBE	B13.40	ACP1211.36	VT / BWRVIP-279 / NRI	RPV	VS-12-04 SHT- 01	2/20/2007
15902	FSC-14-27	REACTOR VESSEL - FUEL SUPPORT CASTING	B13.40	ACP1211.36	VT / BWRVIP-282 / NRI	RPV	VS-03-09 SHT- 01	2/21/2007
16501	CRGT-18-03	REACTOR VESSEL - CONTROL ROD GUIDE TUBE	B13.40	ACP1211.36	VT / BWRVIP-278 / NRI	RPV	VS-12-04 SHT- 01	2/21/2007
16502	FSC-18-03	REACTOR VESSEL - FUEL SUPPORT CASTING	B13.40	ACP1211.36	VT / BWRVIP-283 / NRI	RPV	VS-03-09 SHT- 01	2/21/2007
168505	FWB Weld at	FEEDWATER BRACKET 276 DEG	B13.30	ACP1211.36	VT / BWRVIP-298 / NRI	RPV	VS-01-27 SHT- 01	2/14/2007

PART D
Inservice Inspection Report
Interval 4, Period 1, RFO-20

- 1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420
- 2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324
- 3. Plant Unit: 1

- 4. Owner Certificate of Authorization (If Req.): N/A
- 5. Commercial Service Date: 02/01/1975
- 6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
168510		FWB Weld at FEEDWATER BRACKET 354 DEG	B13.30	ACP1211.36	VT / BWRVIP-302 / NRI	RPV	VS-01-27 SHT- 01	2/14/2007
168605		FWB Weld at FEEDWATER BRACKET 186 DEG.	B13.30	ACP1211.36	VT / BWRVIP-307 / NRI	RPV	VS-01-27 SHT- 01	2/15/2007
168610		FWB Weld at FEEDWATER BRACKET 264 DEG	B13.30	ACP1211.36	VT / BWRVIP-304 / NRI	RPV	VS-01-27 SHT- 01	2/14/2007
168705		FWB Weld at FEEDWATER BRACKET 6 DEG	B13.30	ACP1211.36	VT / BWRVIP-314 / NRI	RPV	VS-01-27 SHT- 01	2/15/2007
168710		FWB Weld at FEEDWATER BRACKET 84 DEG	B13.30	ACP1211.36	VT / BWRVIP-317 / NRI	RPV	VS-01-27 SHT- 01	2/15/2007
168805		FWB Weld at FEEDWATER BRACKET 96 DEG	B13.30	ACP1211.36	VT / BWRVIP-312 / NRI	RPV	VS-01-27 SHT- 01	2/15/2007
168810		FWB Weld at FEEDWATER BRACKET 174 DEG	B13.30	ACP1211.36	VT / BWRVIP-309 / RI (ref. CAP RPV 047394)		VS-01-27 SHT- 01	2/14/2007
20701	CRGT-30-19	REACTOR VESSEL - CONTROL ROD GUIDE TUBE	B13.40	ACP1211.36	VT / BWRVIP-272 / NRI	RPV	VS-12-04 SHT- 01	2/21/2007
20702	FSC-30-19	REACTOR VESSEL - FUEL SUPPORT CASTING	B13.40	ACP1211.36	VT / BWRVIP-280 / NRI	RPV	VS-03-09 SHT- 01	2/21/2007
20901	CRGT-30-27	REACTOR VESSEL - CONTROL ROD GUIDE TUBE	B13.40	ACP1211.36	VT / BWRVIP-273 / NRI	RPV	VS-12-04 SHT- 01	2/21/2007
20902	FSC-30-27	REACTOR VESSEL - FUEL SUPPORT CASTING	B13.40	ACP1211.36	VT / BWRVIP-281 / NRI	RPV	VS-03-09 SHT- 01	2/21/2007
Class 1	Category B-P							
178699	STP 3.10.1- 01	CLASS 1 SYSTEM LEAKAGE PRESSURE TEST	B15.10	STP 3.10.1-01	VT / VT-07-113 / Accept	RV1	ISONO-P SHT- 01	3/14/2007

PART D
Inservice Inspection Report
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420
2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324
3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A
5. Commercial Service Date: 02/01/1975
6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
Class 1	Category F-A							
134200	RCB-K010B	CLASS 1 WELDED - HANGER LUGS	F1.10	ACP1211.10	VT / VT-07-073 / Accept	RC	1.2-21A SHT-01	2/22/2007
163300	RPB-K002	CLASS 1 MECHANICALLY ATTACHED - UNKNOWN PUMP TYPE	F1.40	ACP1211.10	VT / VT-07-004 / Accept	RP	1.3-03 SHT-01	2/7/2007
163400	RPB-K003	CLASS 1 WELDED - HANGER LUGS	F1.40	ACP1211.10	VT / VT-07-001 / Accept	RP	1.3-03 SHT-01	2/7/2007
63900	CSA-K026	CLASS 1 MECHANICALLY ATTACHED	F1.10	ACP1211.10	VT / VT-07-002 / Accept	CS	1.2-07 SHT-01	2/7/2007
79000	CUB-K012	CLASS 1 MECHANICALLY ATTACHED	F1.10	ACP1211.10	VT / VT-07-038 / Accept	CU	1.2-11B SHT-01	2/16/2007
Class 1	Category R-A							
109300-RI	RCA-J041	PIPE - TEE	R1.16-4	ACP1211.20	UT / UT-07-064, -065, -066, -067 / Accept	RC	1.2-19A SHT-01	2/18/2007
121300-RI	RRF-F002A	PIPE - SAFEEND	R1.16-2	ACP1211.38	UT / UT-07--056, -057, 058 / Accept Limitation on weld due to Safe end Taper 75% Coverage)	RR	1.2-20 SHT-01	2/17/2007
121500-RI	RRF-J003	PIPE	R1.16-2	ACP1211.20	UT / UT-07-052, -053 / Accept	RR	1.2-20 SHT-01	2/17/2007
145200-RI	RRB-J005	PIPE - 90 DEGREE LONG RADIUS ELBOW	R1.16-2	ACP1211.20	UT / UT-07-003, -004 / Accept	RR	1.2-22 SHT-01	2/6/2007
48500-RI	FWA-J002	SAFEEND - NOZZLE	R1.11-2	ACP1211.19	UT / UT-07-032, -033 / Accept	FW	1.2-05 SHT-01	2/13/2007
58800-RI	FWD-J003	PIPE - SAFEEND	R1.11-2	ACP1211.19	UT / UT-07-044, -045 / Accept	FW	1.2-06 SHT-01	2/16/2007

PART D
Inservice Inspection Report
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
 Juno Beach, FL 33409-0420
 2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
 Palo, IA 52324
 3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A
 5. Commercial Service Date: 02/01/1975
 6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
58825-RI	FWD SAFEEND	SAFEEND AREA	R1.11-2	ACP1211.19	UT / UT-07-046, -047 / Accept	FW	1.2-06 SHT-01	2/16/2007
64500-RI	CSB-F002A	SAFEEND - S/E Extension	R1.16-4	ACP1211.38	UT / UT-07-112, -114, -116, -119 / Accept Limitation on weld due to configuration (57.67% Coverage)	CS	1.2-08 SHT-01	2/18/2007
64900-RI	CSB-J003	PIPE	R1.16-4	ACP1211.20	UT / UT-07-072, -073 / Accept	CS	1.2-08 SHT-01	2/18/2007
74600-RI	CUA-J024	PIPE - MOTOR OPERATED GATE	R1.16-4	ACP1211.20	UT / UT-07-028, -029 / Accept	CU	1.2-11A SHT-01	2/12/2007
92700-RI	RHC-F002	PIPE	R1.16-2	ACP1211.38	UT / UT-07-068, -069, -070, -071 / Accept	RH	1.2-15 SHT-01	2/15/2007
Class 2	Category C-A							
180150	HEA-CA-3	HEAT EXCHANGER	C1.10	ACP1211.34	UT / UT-07-143 / Accept	RV	2.1-01 SHT-01	2/28/2007
Class 2	Category C-C							
270200	CSB-CE013	CLASS 2 WELDED - HANGER LUGS	C3.20	ACP1211.5	MT / MT-07-002 / Accept	CS	2.2-49 SHT-01	3/4/2007
Class 2	Category C-H							
315600	STP NS830003	CLASS 2 SYSTEM PRESSURE TEST	C7.10	STP-NS830003	VT / VT-07-118 / Accept	MS	ISONO-P SHT-01	3/17/2007
Class 2	Category F-A							
242005	RHM-CE050	CLASS 2 MECHANICALLY ATTACHED	F1.20	ACP1211.10	VT / VT-07-086 / Accept	RH	2.2-43 SHT-01	3/7/2007
242205	RHM-CE053	CLASS 2 MECHANICALLY ATTACHED	F1.20	ACP1211.10	VT / VT-07-087 / Accept	RH	2.2-43 SHT-01	3/9/2007

PART D
Inservice Inspection Report
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
 Juno Beach, FL 33409-0420
 2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
 Palo, IA 52324
 3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A
 5. Commercial Service Date: 02/01/1975
 6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
242305	RHM-CE055	CLASS 2 MECHANICALLY ATTACHED	F1.20	ACP1211.10	VT / VT-07-088 / Accept	RH	2.2-43 SHT-01	3/9/2007
270300	CSB-CE013	CLASS 2 WELDED - HANGER LUGS	F1.20	ACP1211.10	VT / VT-07-074 / Accept	CS	2.2-49 SHT-01	3/4/2007
277700	CSD-CE033	CLASS 2 MECHANICALLY ATTACHED	F1.20	ACP1211.10	VT / VT-07-032 / Accept	CS	2.2-51 SHT-01	2/15/2007
281500	CSE-CE027	CLASS 2 MECHANICALLY ATTACHED	F1.20	ACP1211.10	VT / VT-07-035 / Accept	CS	2.2-52A SHT-01	2/15/2007
Class 2 247500-RI	Category R-A HPA-CF052	90 DEGREE LONG RADIUS ELBOW - MOTOR OPERATED GATE	R1.10-4	ACP1211.19	UT / UT-07-001, -002 / Accept	HP	2.2-44 SHT-01	2/5/2007

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

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PART E
Inservice Inspection Report
Interval 4, Period 1, RFO-20-1

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
 Juno Beach, FL 33409-0420
 2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
 Palo, IA 52324
 3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
INITIATING FAILURE FOR ADDITIONAL EXAMS								
Class 1	Category R-A							
121100-RI	RRF-F002	SAFEEND - NOZZLE	R1.16-2	Zetec_OmniSc anPA_03	UT / VE-07-011 / Reject (See NIS-2 20-07-49)	RR	1.2-20 SHT-01	2/19/2007
ADDITIONAL EXAMS per IWB-2430(a)								
145900-RI	RRC-F002	SAFEEND - NOZZLE	R1.16-2	Zetec_OmniSc anPA_03	UT / VE-07-013 / Reject (See NIS-2 20-07-49)	RR	1.2-22 SHT-01	2/19/2007
145900-RI	RRC-F002	SAFEEND - NOZZLE	R1.16-2	ACP1211.38	UT / UT-07-096 / Accept	RR	1.2-22 SHT-01	2/19/2007
ADDITIONAL EXAMS per IWB-2430(b)								
119600-RI	RRE-F002	SAFEEND - NOZZLE	R1.16-2	Zetec_OmniSc anPA_03	UT / VE-07-066 / Accept	RR	1.2-20 SHT-01	2/10/2007
122600-RI	RRG-F002	SAFEEND - NOZZLE	R1.16-2	Zetec_OmniSc anPA_03	UT / VE-07-067 / Accept	RR	1.2-20 SHT-01	2/21/2007
124100-RI	RRH-F002	SAFEEND - NOZZLE	R1.16-2	Zetec_OmniSc anPA_03	UT / VE-07-068 / Accept	RR	1.2-20 SHT-01	2/19/2007
142700-RI	RRA-F002	SAFEEND - NOZZLE	R1.16-2	Zetec_OmniSc anPA_03	UT / VE-07-069 / Accept	RR	1.2-22 SHT-01	2/11/2007
61000-RI	CSA-F002	SAFEEND - NOZZLE	R1.16-2	Zetec_OmniSc anPA_03	UT / VE-07-070 / Accept	CS	1.2-07 SHT-01	2/27/2007
64300-RI	CSB-F002	SAFEEND - NOZZLE	R1.16-2	Zetec_OmniSc anPA_03	UT / VE-07-071 / Accept	CS	1.2-08 SHT-01	2/17/2007

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

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PART F
Inservice Inspection Report
Interval 4, Period 1, RFO-20-1

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
 Juno Beach, FL 33409-0420
 2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
 Palo, IA 52324
 3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
Successive Examinations								
Class 1	Category B-A							
1520	HCC-B002	REACTOR VESSEL (TOP HEAD DOLLAR B1.21 WELD)		ACP1211.27	UT / UT-07-101, -102 / Accept	RPV	VS-01-06 SHT-01	2/22-23/2007
Class 1	Category F-A							
82200	CRA-K017AA	CLASS 1 MECHANICALLY ATTACHED	F1.10	ACP1211.10	VT / VT-07-003 / Accept	CR	1.2-12A SHT-01	2/7/2007
Class 1	Category R-A							
121100-RI	RRF-F002	SAFEEND - NOZZLE	R1.16-2	ACP1211.38	UT / UT-07-095 / Accept (Subsurface Flaw had not grown)	RR	1.2-20 SHT-01	2/19/2007
121100-RI	RRF-F002	SAFEEND - NOZZLE	R1.16-2	Zetec_OmniScanPA_03	UT / VE-07-011 / Reject (See NIS-2 20-07-49)	RR	1.2-20 SHT-01	2/19/2007

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

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**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

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- | | |
|---|--------------------------------------|
| 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 33409-0420 | |
| 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 | 3) Plant Unit: #1 |
| 4) Owners Certificate of Authorization (if required) : N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

ABSTRACT OF ASME SECTION XI REPAIRS AND REPLACEMENTS

The repairs and replacements addressed in this report were performed in accordance with the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI, 2001 with the 2003 Addenda .

<u>NIS-2 NO.</u>	<u>CLASS</u>	<u>COMPONENT</u>	<u>WORK DOCUMENT</u>	<u>DESCRIPTION</u>
<u>20-07-05</u>	<u>2</u>	<u>HBB-023-SS-229 (RHC-CE070)</u>	<u>PWO 1135683</u>	<u>Removed snubber DA-029 and installed snubber DA-363.</u>
<u>20-07-06</u>	<u>2</u>	<u>GBB-004-SS-211 (RHF-CE068)</u>	<u>PWO 1135690</u>	<u>Removed snubber DA-315 and installed snubber DA-365.</u>
<u>20-07-07</u>	<u>2</u>	<u>HBB-024-SS-221 (RHA-CE056)</u>	<u>PWO 1135679</u>	<u>Removed snubber DA-035 and installed snubber DA-317</u>
<u>20-07-08</u>	<u>2</u>	<u>HBB-024-SS-227A (RHC-CE024A)</u>	<u>PWO 1135681</u>	<u>Removed snubber DA-253 and installed snubber DA-066</u>
<u>20-07-09</u>	<u>2</u>	<u>HBB-024-SS-227B (RHC-CE024B)</u>	<u>PWO 1135682</u>	<u>Removed snubber DA-254 and installed snubber DA-051</u>
<u>20-07-10</u>	<u>2</u>	<u>EBB-5-SR-9 (HPB-CE069)</u>	<u>CWO A73452</u>	<u>Replaced missing bolt/nut on pipe clamp</u>
<u>20-07-11</u>	<u>2</u>	<u>HLE-012-SS-312</u>	<u>PWO 1135677</u>	<u>Removed snubber 2500-10-862 and installed snubber DA-398</u>
<u>20-07-12</u>	<u>2</u>	<u>GLE008</u>	<u>MWO 1137249</u>	<u>Modification of Supports (GLE-8-A2 and GLE-8-H-24) and added new snubber GLE-8-SS-01,. In addition PS-1 Support on HLE012 was removed</u>
<u>20-07-13</u>	<u>2</u>	<u>EBB-5-H-12 (HPB-CE071)</u>	<u>MWO 1138093</u>	<u>Removed pipe hanger per ECP 1803.</u>
<u>20-07-15</u>	<u>2</u>	<u>EBB-5-SR-10 (HPB-CE052A)</u>	<u>MWO 1137685</u>	<u>Installed new support</u>
<u>20-07-16</u>	<u>2</u>	<u>HBB-002-SS-300 (CSA-CE038A)</u>	<u>PWO 1135693</u>	<u>Removed snubber 2500-10-865 and installed snubber DA-395</u>
<u>20-07-17</u>	<u>2</u>	<u>EBD-002-SS-114 (MSD-CE026)</u>	<u>PWO 1133768</u>	<u>Removed snubber DA-78 and installed DA-107</u>
<u>20-07-18</u>	<u>2</u>	<u>EBD-002-SS-113 (MSC-CE029)</u>	<u>PWO 1133767</u>	<u>Removed snubber DA-79 and installed DA-104</u>
<u>20-07-19</u>	<u>2</u>	<u>GLE-008-SS-239 (RHK-CE008A)</u>	<u>PWO 1135692</u>	<u>Removed snubber DA-200 and installed snubber DA-049</u>
<u>20-07-20</u>	<u>2</u>	<u>EBD-006-SS-151 (MSE-CE037)</u>	<u>PWO 1133769</u>	<u>Removed snubber DA-031 and installed snubber DA-354</u>
<u>20-07-21</u>	<u>2</u>	<u>HLE-011-SS-306</u>	<u>PWO 1135695</u>	<u>Removed snubber 2500-10-863 and installed snubber DA-352</u>
<u>20-07-22</u>	<u>2</u>	<u>HLE-011-SS-305</u>	<u>PWO 1135694</u>	<u>Removed snubber DA-112 and installed snubber DA-396</u>
<u>20-07-25</u>	<u>2</u>	<u>EBB005</u>	<u>MWO 1137650</u>	<u>Installation of Valve V23-0081</u>
<u>20-07-26</u>	<u>2</u>	<u>EBB-5-SA-5 (HPB-CE047)</u>	<u>MWO 1138199</u>	<u>Removed seismic restraint per ECP 1803</u>
<u>20-07-27</u>	<u>2</u>	<u>EBB-5-H-9 (HPB-CE063)</u>	<u>MWO 1137681</u>	<u>Modification of support</u>

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

Part G, page 2 of 3

- | | |
|---|--------------------------------------|
| 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 33409-0420 | |
| 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 | 3) Plant Unit: #1 |
| 4) Owners Certificate of Authorization (if required) : N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

ABSTRACT OF ASME SECTION XI REPAIRS AND REPLACEMENTS (cont.)

The repairs and replacements addressed in this report were performed in accordance with the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI, 2001 with the 2003 Addenda .

<u>NIS-2 NO.</u>	<u>CLASS</u>	<u>COMPONENT</u>	<u>WORK DOCUMENT</u>	<u>DESCRIPTION</u>
<u>20-07-28</u>	<u>2</u>	<u>EBB-5-SR-4</u> <u>(HPB-CE025)</u>	<u>MWO 1138178</u>	<u>Modification of support</u>
<u>20-07-29</u>	<u>2</u>	<u>EBB-5-SR-3</u> <u>(HPB-CE018)</u>	<u>MWO 1138177</u>	<u>Modification of support</u>
<u>20-07-30</u>	<u>2</u>	<u>EBB-5-SR-12</u> <u>(HPB-CE008A)</u>	<u>MWO 1138179</u>	<u>Modification of support</u>
<u>20-07-32</u>	<u>2</u>	<u>EBB-5-SG-1</u> <u>(HPB-CE055)</u>	<u>MWO 1137682</u>	<u>Modification of support</u>
<u>20-07-33</u>	<u>2</u>	<u>EBB-5-SR-11</u> <u>(HPB-CE063)</u>	<u>MWO 1137680</u>	<u>Modification of support</u>
<u>20-07-35</u>	<u>1</u>	<u>DLA-1-SS-10</u> <u>(PSB-K001A)</u>	<u>MWO 1137675</u>	<u>Installation of new snubber</u>
<u>20-07-36</u>	<u>2</u>	<u>EBB-5-SR-9</u> <u>(HPB-CE069)</u>	<u>MWO 1137679</u>	<u>Replacement of pipe clamp</u>
<u>20-07-37</u>	<u>1</u>	<u>CRD Bolting</u>	<u>Various (See NIS-2)</u>	<u>Replaced CRD and bolting</u>
<u>20-07-38</u>	<u>1</u>	<u>CRD Bolting</u>	<u>Various (See NIS-2)</u>	<u>Replaced CRD and bolting</u>
<u>20-07-39</u>	<u>2</u>	<u>HLE013</u>	<u>CWO A73715</u>	<u>Replaced a portion of piping due to wall thinning</u>
<u>20-07-40</u>	<u>2</u>	<u>EBB-5-H-6</u> <u>(HPB-CE052)</u>	<u>MWO 1137684 & CWO A77649</u>	<u>Removed U-Bolt from pipe support per ECP 1803</u>
<u>20-07-41</u>	<u>2</u>	<u>XS2618A & B</u>	<u>PWO 1133664 & 1136440</u>	<u>Replaced explosive valves on frequency required by IST Program</u>
<u>20-07-42</u>	<u>1</u>	<u>CSB-F004</u>	<u>CWO A76710</u>	<u>Linear indication reduced to acceptable size (Ref CAP 47392)</u>
<u>20-07-43</u>	<u>2</u>	<u>HCU Accumulators</u>	<u>Various (See NIS-2)</u>	<u>Replace HCU Accumulators</u>
<u>20-07-44</u>	<u>2</u>	<u>EBB005</u>	<u>MWO 1137581</u>	<u>Installation of 3/4" Sockolet on EBB005 Line</u>
<u>20-07-45</u>	<u>2</u>	<u>EBB005</u>	<u>MWO 1137662</u>	<u>Added 3/4" taps to piping for vent and drain and PSV-2302 (Note the relief valve was removed)</u>
<u>20-07-46</u>	<u>2</u>	<u>EBB-5-H-7</u> <u>(HPB-CE053)</u>	<u>MWO 1137683, 1139426 & CWO A77649</u>	<u>Removed U-Bolt and added shims on pipe support per ECP 1803</u>
<u>20-07-47</u>	<u>2</u>	<u>EBB-5-SR-8</u> <u>(HPB-CE072)</u>	<u>MWO 1137678</u>	<u>Replaced baseplate</u>

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

Part G, page 3 of 3

- | | |
|---|--------------------------------------|
| 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 33409-0420 | |
| 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 | 3) Plant Unit: #1 |
| 4) Owners Certificate of Authorization (if required) : N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

ABSTRACT OF ASME SECTION XI REPAIRS AND REPLACEMENTS (cont.)

The repairs and replacements addressed in this report were performed in accordance with the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI, 2001 with the 2003 Addenda .

<u>NIS-2 NO.</u>	<u>CLASS</u>	<u>COMPONENT</u>	<u>WORK DOCUMENT</u>	<u>DESCRIPTION</u>
<u>20-07-48</u>	<u>1</u>	<u>PSV4402</u>	<u>PWO 1134948</u>	<u>Replaced pilot and one mounting nut</u>
<u>20-07-49</u>	<u>1</u>	<u>Safeends N2F and N2C</u>	<u>MWO 1139066,</u> <u>1139067, 1139064,</u> <u>& 11139059</u>	<u>Applied Full Structural Weld Overlay</u> <u>to Safeend to Nozzle Weld</u>
<u>20-07-50</u>	<u>2</u>	<u>Support after CV4371C</u>	<u>MWO 1137245</u>	<u>Modified support after CV4371C by</u> <u>removing anchor strap and replacing</u> <u>with U-Bolt guide</u>
<u>20-07-51</u>	<u>2</u>	<u>MO2132</u>	<u>MWO 1136693</u>	<u>Replaced MO2132 and approximately</u> <u>12" of 8" piping downstream</u>
<u>20-07-52</u>	<u>2</u>	<u>MO2112</u>	<u>MWO 1136691</u>	<u>Replaced MO2112 and approximately</u> <u>12" of 8" piping downstream</u>
<u>20-07-53</u>	<u>1</u>	<u>QR0005 & QR0006</u>	<u>MWO 1137217 &</u> <u>1137218</u>	<u>Welded seismic monitor mounting</u> <u>plate to class 1 clamps on</u> <u>Recirculation B Loop and Main</u> <u>Steam B Loop Pipe Clamps</u>
<u>20-07-55</u>	<u>1</u>	<u>1P201A</u>	<u>PWO 1136891</u>	<u>Replaced seal assembly</u>
<u>20-07-56</u>	<u>2</u>	<u>MO1098</u>	<u>CWO A73336</u>	<u>Replaced valve and a portion of</u> <u>upstream 2" piping</u>
<u>20-07-57</u>	<u>1</u>	<u>1P201B</u>	<u>CWO A76827</u>	<u>Replaced seal assembly and</u> <u>capscrews</u>
<u>20-07-58</u>	<u>1</u>	<u>PSV4401</u>	<u>PWO 1134947</u>	<u>Replace pilot and one mounting bolt</u>
<u>20-07-59</u>	<u>1</u>	<u>PSV4406</u>	<u>PWO 1134952</u>	<u>Replaced pilot</u>
<u>20-07-60</u>	<u>1</u>	<u>PSV4407</u>	<u>PWO 1134953</u>	<u>Replaced pilot and one mounting bolt</u>
<u>20-07-61</u>	<u>1</u>	<u>PSV4400</u>	<u>PWO 1134946 &</u> <u>135063</u>	<u>Replaced pilot, main valve body and</u> <u>one mounting bolt</u>
<u>20-07-62</u>	<u>1</u>	<u>PSV4405</u>	<u>PWO 1134951 &</u> <u>1135064</u>	<u>Replaced pilot and main valve body</u>
<u>20-07-63</u>	<u>1</u>	<u>DLA-5-H-3</u> <u>(RHC-K013)</u>	<u>CWO A62287</u>	<u>Replaced spring can hanger rod with</u> <u>a longer rod</u>
<u>20-07-64</u>	<u>2</u>	<u>GLE007</u>	<u>MWO 1137248</u>	<u>Replaced spring can hanger GLE-7-</u> <u>H-17 and installation of two new</u> <u>snubbers GLE-7-SS-001 and Gle-7-</u> <u>SS-002</u>
<u>20-07-65</u>	<u>2</u>	<u>Main Steam Supports</u>	<u>MWO 1138808</u>	<u>Removed two supports on 2" Main</u> <u>Steam Drip Legs per ECP 1814.</u>

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

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**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

Part H, page 1 of 112

- | | |
|---|--------------------------------------|
| 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 33409-0420 | |
| 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 | 3) Plant Unit: #1 |
| 4) Owners Certificate of Authorization (if required): N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

Form NIS-2's

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

Part H, page 2 of 112

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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 02/09/07
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address

2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 Address PWO 1135683
Repair Organization to P. O. No., Job No., etc.

3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None

4. Identification of System: HBB-023-SS-229 (HSSA-10 Snubber)
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition 71 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
HSSA-10 Snubber	Anchor Darling	Removed DA-029 Installed DA-363	N/A	N/A	Unknown	Replaced	No

7. Description of Work: Removed snubber DA-029 and installed snubber DA-363 at location HBB-023-SS-229

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Snubber DA-029 was replaced due to seal life expiration. A rebuilt snubber, DA-363, was rebuilt, tested, and installed in location HBB-023-SS-229. DA-363 was rebuilt on PWO 1136214 (no load bearing parts were replaced or repaired during rebuild) A VT-3 examination (P07053) was performed following installation of DA-363.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp None
Certificate of Authorization No. None Expiration Date N/A
Signed Scott Paulsen Program Engineering Date February 9th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 11-30-06 To 2-10-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL Commissions NB 12329ANI, 1496 JA
Inspector's Signature National Board, State, Province, and Endorsements

Date 2-10, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 02/09/07
Name _____
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____

2. Plant Duane Arnold Energy Center Unit 1
Name _____
3277 DAEC Road, Palo, IA 52324 Address _____
PWO 1135690 Repair Organization to P. O. No., Job No., etc. _____

3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None

4. Identification of System: GBB-004-SS-211 (HSSA-10 Snubber)
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition 71 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
HSSA-10 Snubber	Anchor Darling	Removed DA-315 Installed DA-365	N/A	N/A	Unknown	Replaced	No

7. Description of Work: Removed snubber DA-315 and installed snubber DA-365 at location GBB-004-SS-211

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.
(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Snubber DA-315 was replaced due to seal life expiration. A rebuilt snubber, DA-365, was rebuilt, tested, and installed in location GBB-004-SS-211. DA-365 was rebuilt on PWO 1136215 (no load bearing parts were replaced or repaired during rebuild). A VT-3 examination (P07042) was performed following installation of DA-365.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Paulsen Program Engineering Date February 9th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 10-10-06 To 2-10-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL
Inspector's Signature

Commissions

NB 12329ANI, 1496 FA
National Board, State, Province, and Endorsements

Date 2-10, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 02/09/07
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 PWO 1135679
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: HBB-024-SS-221 (HSSA-10 Snubber)
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition 71 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
HSSA-10 Snubber	Anchor Darling	Removed DA-035 Installed DA-317	N/A	N/A	Unknown	Replaced	No

7. Description of Work: Removed snubber DA-035 and installed snubber DA-317 at location HBB-024-SS-221
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Snubber DA-035 was replaced due to seal life expiration. A rebuilt snubber, DA-317, was rebuilt, tested, and installed in location HBB-024-SS-221. DA-317 was rebuilt on PWO 1136213 (no load bearing parts were replaced or repaired during rebuild). A VT-3 examination (P07050) was performed following installation of DA-317.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed *Scott Risher* Program Engineering Date February 9th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 11-10-06 To 2-10-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

BL Commissions NB 12329ANI, 1486 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 2-10, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
 As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 02/09/07
 Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
 Address

2. Plant Duane Arnold Energy Center Unit 1
 Name
3277 DAEC Road, Palo, IA 52324 PWO 1135681
 Address Repair Organization to P. O. No., Job No., etc.

3. Work Performed by FPL Energy Type Code Symbol Stamp None
 Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None

4. Identification of System: HBB-024-SS-227A (HSSA-3 Snubber)
 5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition 71 Addenda N/A Code Case.
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
HSSA-3 Snubber	Anchor Darling	Removed DA-253 Installed DA-066	N/A	N/A	Unknown	Replaced	No

7. Description of Work: Removed snubber DA-253 and installed snubber DA-066 at location HBB-024-SS-227A

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure N/A psi Test Temp N/A ° F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Snubber DA-253 was replaced due to seal life expiration. A rebuilt snubber, DA-066, was rebuilt, tested, and installed in location HBB-024-SS-227A. DA-066 was rebuilt on PWO 1136209 (no load bearing parts were replaced or repaired during rebuild). A VT-3 examination (P07051) was performed following installation of DA-066.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Rusler Program Engineering Date February 9th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 11-10-06 To 2-10-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

SR Commissions NB 12329ANI, 1496 ID
Inspector's Signature National Board, State, Province, and Endorsements

Date 2-10, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 02/09/07
Name

P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address

2. Plant Duane Arnold Energy Center Unit 1
Name

3277 DAEC Road, Palo, IA 52324 PWO 1135682
Address Repair Organization to P. O. No., Job No., etc.

3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None

4. Identification of System: HBB-024-SS-227B (HSSA-3 Snubber)
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition 71 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
HSSA-3 Snubber	Anchor Darling	Removed DA-254 Installed DA-051	N/A	N/A	Unknown	Replaced	No

7. Description of Work: Removed snubber DA-254 and installed snubber DA-051 at location HBB-024-SS-227B

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Snubber DA-254 was replaced due to seal life expiration. A rebuilt snubber, DA-051, was rebuilt, tested, and installed in location HBB-024-SS-227B. DA-051 was rebuilt on PWO 1136210 (no load bearing parts were replaced or repaired during rebuild). A VT-3 examination (P07052) was performed following installation of DA-051.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed *Scott A. Pauler* Program Engineering Date February 9th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 11-10-06 To 2-10-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL Commissions NB 12329ANT, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 2-10, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 02/09/07
Name _____
- P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____
2. Plant Duane Arnold Energy Center Unit 1
Name _____
- 3277 DAEC Road, Palo, IA 52324 CWO A73452
Address _____ Repair Organization to P. O. No., Job No., etc. _____
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: EBB-S-SR-9 (HPCI Pump Discharge Pipe Clamp)
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition 70 Addenda N/A Code Case. _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
EBB-S-SR-9	Stud: Supplied through Bechtel	Heat #213-1216-C	N/A	N/A	1973	Replaced	No
	Nuts: Dubose	Heat: 41978	N/A	N/A	2005	Replaced	No

7. Description of Work: Replaced missing bolt/nut on EBB-S-SR-9 pipe clamp (ISI Class 2 boundary)
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: HPCI pump discharge pipe clamp, EBB-S-SR-9, was found to have a missing bolt (two bolt pipe clamp). The missing A-307 bolting was replaced with a SA-193, B7 stud and SA-194, 2H nuts. The material substitution has been evaluated in EMA A73452. A VT-3 examination (P07069) was completed following bolt installation.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott A. Puder Program Engineering Date February 9th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 1-24-07 To 2-10-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL
Inspector's Signature

Commissions NB 12329A N.E., 1496 IA
National Board, State, Province, and Endorsements

Date 2-10, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 02/16/07
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address

2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 Address PWO 1135677
Repair Organization to P. O. No., Job No., etc.

3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None

4. Identification of System: HLE-012-SS-312 (RHR Loop "B" Torus Spray Snubber)
5. (a) Applicable Construction Code ASME Section III, NF 19 74 Edition No Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
HLE-012-SS-312	Bergen Paterson	Removed 2500-10-862 Installed DA-398	N/A	N/A	Unknown	Replaced	No

7. Description of Work: Replaced snubber at location HLE-012-SS-312.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Snubber 2500-10-862 was removed due to seal life expiration and replaced with rebuilt spare snubber DA-398. DA-398 was rebuilt on PWO 1136218 and R&R activities documented on NIS-2 20-07-02. This snubber location is exempt from pre-service VT-3 requirements due to line size.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Presler Program Engineering Date February 16th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 10-16-06 To 2-17-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

SP Commissions NB 12329ANT. 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 2-17, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 04/04/07
 Name _____
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
 Address _____
2. Plant Duane Arnold Energy Center Unit 1
 Name _____
3277 DAEC Road, Palo, IA 52324 MWO 1137249
 Address _____ Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
 Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Modification of Supports on GLE008
5. (a) Applicable Construction Code ANSI B31.7 Class 2 19 69 Edition 1971 Addenda N/A Code Case.
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
GLE-8-SS-01 (SK-GLE-8-A1)	Southland Tube	Ht # N62852	N/A	ANSI A500 Tube Steel 4" x 4"	2006	Replacement	No
"	Lisega	30500547/004 (Hyd Cylinder)	N/A	Group 4 Hydraulic Snubber 304256	2005	Replacement	No
"	Lisega	354953	N/A	Group 4 Weld End Bracket	2005	Replacement	No
"	Lisega	362761	N/A	Group 4 10" Pipe Yoke Clamp		Replacement	No
"	Feralloy	Ht. # 1612940	N/A	1/2" A36 Plate	2006	Replacement	No
"	NUCOR	Ht. # 1608636	N/A	W4X13 A992 Beam	2006	Replacement	No
"	Bergen-Power	Ht # 8070063 Ht Code G4	N/A	1" A36 Rod	2006	Replacement	No
SK-GLE-8-A2	Bergen-Power	1000-4 (w/Assy of 2250-4)	N/A	Attachment, End, Restraint, Size 4	2006	Replacement	No
"	Bergen-Power	2250-4	N/A	Adjustable Rigid Strut, Size 4	2006	Replacement	No
"	Bergen-Power	6175-4	N/A	Size 4 10" Pipe yoke	2006	Replacement	No
GLE-8-H-24	Bergen-Power	1047 Type 2	N/A	Type Beam Attachment	2006	Replacement	No
"	Bergen-Power	3400 Type B	N/A	Size 13 Type B VS	2006	Replacement	No
"	Cardinal	Ht # MX2374	N/A	1" Hex Nut A194 Gr 2H	1985	Replacement	No
"	Bergen-Power	5130	N/A	1" Eyunut	2006	Replacement	No
"	Bergen-Power	6101	N/A	10" pipe Clamp- 2 bolt	2006	Replacement	No
"	Bergen-Power	Ht # 8070063 Ht Code G4	N/A	1" A36 Rod	2006	Replacement	No
HLE012	Unknown	N/A	N/A	PS-1 Detail C support	Unknown	Repair	No

7. Description of Work: Modified supports on GLE008 Line to allow for Containment thermal growth.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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 top of this form.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Supports for containment penetration X039B were modified to allow for thermal growth. Support GLE-8-H-24 spring cans and attachments were replaced and successful surface exams of structural welds and a successful VT-3 (P07058) were completed. A new support with a snubber was added called GLE-8-SS-1 on drawing GLE-8-A1. The snubber was successfully tested and the installed attachments had successful surface exams of the structural welds and a successful VT-3 of the support (P07059) completed. A rigid strut was added under drawing SK-GLE-8-A2 which had completed successful surface exams of the structural welds and a successful VT-3 of the support (P07060). A support below HLE-12-SA-1 listed as PS-1 Det. C was removed to allow for thermal growth.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair/Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott R. Butler Program Engineering Date June 2, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 1-16-07 To 6-2-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL
Inspector's Signature

Commissions

NB 12329ANF, 1496 IA
National Board, State, Province, and Endorsements

Date 6-2, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/19/07
 Name _____
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
 Address _____
2. Plant Duane Arnold Energy Center Unit 1
 Name _____
3277 DAEC Road, Palo, IA 52324 MWO 1138093
 Address _____ Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
 Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: HPCI Pump Discharge Line Support
5. (a) Applicable Construction Code ANSI B31.7 Class 2 19 69 Edition 1971 Addenda N/A Code Case.
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
EBB-5-H-12	Bergen Paterson (pipe clamp)	N/A	N/A	N/A	Unknown	Replaced (Removed)	No

7. Description of Work: Removed pipe hanger EBB-5-H-12 per ECP 1803.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure N/A psi Test Temp N/A ° F

NOTE: Supplemental sheets in 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.
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FORM NIS-2 (Back)

9. Remarks: Pipe hanger, EBB-5-H-12, has been permanently removed per ECP 1803. Removal included removal of associated structural steel. Four integrally attached lugs to the HPCI line remain in place.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (Removed)
(repair or replacement)

conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Pusler, Program Engineering Date April 4th 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT

of Hartford, Conn. have inspected the components described in this Owner's Report during the period 4-4-07 To 4-4-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JB
Inspector's Signature

Commissions

NB 12329ANI, 1496 IA
National Board, State, Province, and Endorsements

Date 4-4, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/19/07
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 MWO 1137685
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: HPCI
5. (a) Applicable Construction Code ANSI B31.7 Class II 19 69 Edition 1970 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
EBB-5-SR-10	NUCOR	Heat #6106099	N/A	Plate, 3/4" A572 Gr. 50	2006	Replacement	No
	NUCOR	Ht #1612382	N/A	Plate, 1/4" A36	2006	Replacement	No
	NUCOR	Ht #6107180	N/A	Plate, 3/4" A572 Gr 50	2006	Replacement	No
	NUCOR	Ht# 4105325	N/A	3/4" A572 Gr. 50	2006	Replacement	No
	Atlas	Ht #884616	N/A	Tube Steel 5"x5"x3/8" A500 Gr B	2005	Replacement	No
	Radnor	Ht #L40096	N/A	Pipe, 10" Sch 40 A106 Gr B	1992	Replacement	No
	Lisega	362765	N/A	Pipe Clamp	2004	Replacement	No
	Lisega	357959	N/A	Weld On Bracket	2004	Replacement	No
	Lisega	397079	N/A	Adjustable Rigid Strut	2006	Replacement	No
	NUCOR	Ht #1612940	N/A	Plate, 1/2" A36	2006	Replacement	No

7. Description of Work: Install new support EBB-5-SR-10
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

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FORM NIS-2 (Back)

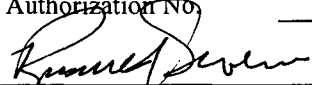
9. Remarks: Added new strut and associated auxiliary steel. . This support was upgraded as part of a package to upgrade many supports on Feedwater and HPCI in order to resolve inconsistencies between the as-built and as-designed condition. Structural welds and attached piping welds were successfully surface examined, and a successful VT-3 (P07071) was performed on EBB-5-SR-10.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None


Certificate of Authorization No. None Expiration Date N/A

Signed  Program Engineering Date March 19, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 1-31-07 To 3-22-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

 Commissions NB 12329ANI, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 3-22, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/14/2007
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 PWO 1135693
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: HBB-002-SS-300 (Core Spray Torus Suction Snubber)
5. (a) Applicable Construction Code ASME Section III, NF 19 74 Edition No Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
HBB-002-SS-300	Bergen Paterson	Removed 2500-10-865 Installed DA-395	N/A	N/A	Unknown	Replaced	No

7. Description of Work: Replaced snubber at location HBB-002-SS-300
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Snubber 2500-10-865 was removed due to seal life expiration and replaced with rebuilt spare snubber DA-395. DA-395 was rebuilt on PWO 1137571 (no load bearing parts were replaced). VT-3 (P07045) was performed on 3/13/2007.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Resler Program Engineering Date March 14th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 10-16-06 To 3-23-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL
Inspector's Signature

Commissions

NB 12322ANI, 1496 IA
National Board, State, Province, and Endorsements

Date 3-23, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/14/2007
Name _____
- P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____
2. Plant Duane Arnold Energy Center Unit 1
Name _____
- 3277 DAEC Road, Palo, IA 52324 PWO 1133768
Address _____ Repair Organization to P. O. No., Job No., etc. _____
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: EBD-002-SS-114 (Main Steam Supply Line D Snubber)
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition 71 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
EBD-002-SS-114	Bergen Paterson	Removed DA-78 Installed DA-107	N/A	N/A	Unknown	Replaced	No

7. Description of Work: Replaced snubber at location EBD-002-SS-114
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Snubber DA-078 was removed due to seal life expiration and replaced with rebuilt spare snubber DA-107. DA-107 was rebuilt on PWO 1136221 (no load bearing parts were replaced). VT-3 (P07014) was performed on 3/13/2007.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Bushley Program Engineering Date March 14th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 6-9-06 To 3-23-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JB Commissions NB 12329ANE, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 3-23, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/14/2007
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 PWO 1133767
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: EBD-002-SS-113 (Main Steam Supply Line C Snubber)
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition 71 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
EBD-002-SS-113	Bergen Paterson	Removed DA-79 Installed DA-104	N/A	N/A	Unknown	Replaced	No

7. Description of Work: Replaced snubber at location EBD-002-SS-113
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Snubber DA-079 was removed due to seal life expiration and replaced with rebuilt spare snubber DA-104. DA-104 was rebuilt on PWO 1136220 (no load bearing parts were replaced). VT-3 (P07013) was performed on 3/13/2007.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Presler, Program Engineering Date March 14th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 6-9-06 To 3-23-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JB
Inspector's Signature

Commissions

NB 12329ANI, 1496 IA
National Board, State, Province, and Endorsements

Date 3-23, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/19/2007
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 PWO 1135692
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: GLE-008-SS-239 (RHR Loop B Drywell Spray Supply Line Snubber)
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition 1971 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
GLE-008-SS-239	Bergen Paterson	Removed DA-200 Installed DA-049	N/A	N/A	Unknown	Replaced	No

7. Description of Work: Replaced snubber at location GLE-008-SS-239
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Snubber DA-200 was removed due to seal life expiration and replaced with rebuilt spare snubber DA-049. DA-049 was rebuilt on PWO 1136211 and R&R activities documented on NIS-2 20-06-13. VT-3 (P07046) was performed on 2/12/2007.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
 (repair or replacement)
 conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Buckley Program Engineering Date March 19th, 2007
 Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 10-16-06 To 3-22-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

SL Commissions NB 12329ANI, 1496 IA
 Inspector's Signature National Board, State, Province, and Endorsements

Date 3-22, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/14/2007
Name

P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address

2. Plant Duane Arnold Energy Center Unit 1
Name

3277 DAEC Road, Palo, IA 52324 PWO 1133769
Address Repair Organization to P. O. No., Job No., etc.

3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None

4. Identification of System: EBD-006-SS-151 (Main Steam Bypass Line Snubber)
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition 71 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
EBD-006-SS-151	Bergen Paterson	Removed DA-031 Installed DA-354	N/A	N/A	Unknown	Replaced	No

7. Description of Work: Replaced snubber at location EBD-006-SS-151

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Snubber DA-031 was removed due to seal life expiration and replaced with rebuilt spare snubber DA-354. DA-354 was rebuilt on PWO 1136217 and R&R activities documented on NIS-2 20-07-01. VT-3 (P07015) was performed on 3/13/2007.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Whelan Program Engineering Date March 14th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 6-9-06 To 3-23-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JB Commissions NB 12329ANI, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 3-23, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/19/2007
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 PWO 1135695
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: HLE-011-SS-306 (RHR Loop A Torus Spray Header Snubber)
5. (a) Applicable Construction Code ASME Section III, NF 19 74 Edition No Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
HLE-011-SS-306	Bergen Paterson	Removed 2500-10-863 Installed DA-352	N/A	N/A	Unknown	Replaced	No

7. Description of Work: Replaced snubber at location HLE-011-SS-306
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Snubber 2500-10-863 was removed due to seal life expiration and replaced with rebuilt spare snubber DA-352. DA-352 was rebuilt on PWO 1124683 (no load bearing parts were repaired or replaced during rebuild). This snubber location is exempt from pre-service VT-3 requirements due to line size.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Pruder, Program Engineering Date March 19th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-20-07 To 3-22-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

SP Commissions NB 12329ANI, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 3-22, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/19/2007
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address

2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 PWO 1135694
Address Repair Organization to P. O. No., Job No., etc.

3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None

4. Identification of System: HLE-011-SS-305 (RHR Loop A Torus Spray Header Snubber)
5. (a) Applicable Construction Code ASME Section III, NF 19 74 Edition No Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
HLE-011-SS-305	Bergen Paterson	Removed DA-112 Installed DA-396	N/A	N/A	Unknown	Replaced	No

7. Description of Work: Replaced snubber at location HLE-011-SS-305

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Snubber DA-112 was removed due to seal life expiration and replaced with rebuilt spare snubber DA-396. DA-396 was rebuilt on PWO 1136219 with repair activities documented on NIS-2 20-07-03. This snubber location is exempt from pre-service VT-3 requirements due to line size.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Pustler Program Engineering Date March 19th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-20-07 To 3-22-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL

Inspector's Signature

Commissions

NB 12329ANI, 1496 IA
National Board, State, Province, and Endorsements

Date 3-22, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 05/29/2007
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 MWO 1137650
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: V23-0081 on EBB005 Line
5. (a) Applicable Construction Code ASME P&V Draft 19 68 Edition 70 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
V23-0081 on EBB005 Line	Flowserve	S/N BA652	N/A	12" Swing Check Valve	2007	Replacement	Y

7. Description of Work: Installation of V23-0081 on EBB005 Line
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1170 psi Test Temp 73 °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Installed 12" check valve as part of the HPCI Keep Fill Modification. Final weld radiography was completed and accepted. A VT-2 Examination was completed and accepted (ref. Report # P07095). A preservice VT-3 (ref. Report # P07061) was completed on Hanger EBB-5-H-10 after the spring can was unpinned. The VT-3 examination was found acceptable.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed [Signature] Program Engineering Date May 29th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 1-16-07 To 6-2-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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]
Inspector's Signature

Commissions NB 133294NI, 1496IA
National Board, State, Province, and Endorsements

Date 6-2, 2007

FORM NIS-2 (Back)

9. Remarks: Seismic restraint, EBB-5-SA-5, has been permanently removed per ECP 1803. Removal included removal of associated structural steel. Two integrally attached lugs to the HPCI line remain in place.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement (Removed)
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed *Scott R. Butler* Program Engineering Date April 4th 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 4-4-07 To 4-4-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JRL Commissions NB 12329A2E, 1496 EA
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-4, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/18/2007
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 MWO 1137681
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: EBB-5-H-9 (HPCI Pump Discharge to FW Line Upstream of MO2312)
5. (a) Applicable Construction Code ANSI B31.7 Class ~~N 2~~ 19 69 Edition 1970 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
EBB-5-H-9	Feralloy	Ht # 1612940	N/A	1/2" A36 Plate	2006	Replacement	No
	Feralloy	Ht # 2418627	N/A	3/8" A36 Plate	2004	Replacement	No
	NUCOR	Ht # 2619078	N/A	I-Beam W6 x 15 A992	2006	Replacement	No
	IPSCO	Ht # B6I806	N/A	A572 Gr.50 Plate Steel, 1"	2006	Replacement	No

7. Description of Work: Modification of support EBB-5-H-9
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Replaced U-bolt with bent plate. Added base plate and stiffeners to existing auxiliary steel. This support was upgraded as part of a package to upgrade many supports on Feedwater and HPCI in order to resolve inconsistencies between the as-built and as-designed condition. Structural welds were successfully surface examined, and a successful VT-3 (P07074) was performed on EBB-5-H-9.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed [Signature] Program Engineering Date March 19, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-3-07 To 3-22-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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 NB 10329ANI, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 3-22, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/19/2007
Name _____
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____
2. Plant Duane Arnold Energy Center Unit 1
Name _____
3277 DAEC Road, Palo, IA 52324 MWO 1138178
Address _____ Repair Organization to P. O. No., Job No., etc. _____
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: EBB-5-SR-4 (HPCI Pump Discharge to FW Line Upstream of MO2312)
5. (a) Applicable Construction Code ANSI B31.7 Class 2 19 69 Edition 1970 Addenda N/A Code Case. _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
EBB-5-SR-4	Lisega	356959	N/A	Weld on bracket	2003	Replacement	No
	Lisega	396079	N/A	Rigid Strut	2003	Replacement	No
	Gerdau Ameristeel	V6-3860	N/A	3X3X3/8" A-36 Angle Iron	2006	Replacement	No
	Feralloy	1612940	N/A	1/2" A-36 Plate	2006	Replacement	No
	NUCOR	2618984	N/A	W5 X 19 A-992 I Beam	2006	Replacement	No

7. Description of Work: Modification of support EBB-5-SR-4
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Replaced rod assembly with rigid strut assembly. Added stiffeners to in-place steel. Support was upgraded as part of a package to upgrade many supports on Feedwater and HPCI in order to resolve inconsistencies between the as-built and as-designed condition. Structural welds were successfully surface examined, and a successful VT-3 (P07081) was performed on EBB-5-SR-4.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed *Russell J. ...* Program Engineering Date March 22, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-3-07 To 3-23-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL Commissions NB 18329ANI, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 3-23, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 04/04/2007
Name _____
- P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____
2. Plant Duane Arnold Energy Center Unit 1
Name _____
- 3277 DAEC Road, Palo, IA 52324 MWO 1138177
Address _____ Repair Organization to P. O. No., Job No., etc. _____
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: EBB-5-SR-3 (HPCI Pump Discharge to FW Line – MO2312)
5. (a) Applicable Construction Code ANSI B31.7 Class 2 19 69 Edition 1970 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
EBB-5-SR-3	Roanoke	Ht # JE7267	N/A	2 1/2" x 2 1/2" x 3/8" Angle ASTM A36	2006	Replacement	No
	Lisega	395039-E315	N/A	12" Carbon Steel Rigid strut	2003	Replacement	No
	Lisega	356959	N/A	Weld-on Bracket, Carbon Steel	2003	Replacement	No
	Lisega	363261	N/A	12" Clamp, Carbon Steel	2003	Replacement	No

7. Description of Work: Modification of support EBB-5-SR-3
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: On support EBB-5-SR-3 replaced rod assembly with rigid strut assembly and replaced auxiliary steel, base plate and anchor bolts. Stiffeners were added to in-place steel. Support was upgraded as part of a package to upgrade many supports on Feedwater and HPCI in order to resolve inconsistencies between the as-built and as-designed condition. Structural welds were successfully surface examined, and a successful VT-3 (P07073) was performed on EBB-5-SR-3.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed [Signature] Program Engineering Date April 4th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-2-07 To 4-4-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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 NB 12329A NI, 1496 FA
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-4, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 04/04/2007
Name _____
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____
2. Plant Duane Arnold Energy Center Unit 1
Name _____
3277 DAEC Road, Palo, IA 52324 MWO 1138179
Address _____ Repair Organization to P. O. No., Job No., etc. _____
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: HPCI
5. (a) Applicable Construction Code ANSI B31.7 Class II 19 69 Edition 1970 Addenda N/A Code Case. _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
EBB-7-SR-12	Feralloy	Heat # 2418627	N/A	Plate Steel, 3/8" A36	2004	Replacement	No
	NUCOR	Heat # 6106099	N/A	3/4" A572 Gr. 50 Plate Steel	2006	Replacement	No
	Gerdau Ameristeel	Heat # V6-3860	N/A	A-36 Angle Iron 3"x3"x3/8"	2006	Replacement	No
	Tubular Steel	Heat # S60351	N/A	Pipe, 8" Sch. 40, A106 Gr B	2005	Replacement	No
	Lisega	395109	N/A	Adjustable Rigid Strut	2004	Replacement	No
	Lisega	695953	N/A	Load Pin	2004	Replacement	No
	Lisega	355959	N/A	Weld-On Bracket	2004	Replacement	No

7. Description of Work: Modification of support EBB-5-SR-12
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Replaced rod assembly with rigid strut assembly. Replaced the base plates and welded four shear lugs on pipe above pipe clamp. This support was upgraded as part of a package to upgrade many supports on Feedwater and HPCI in order to resolve inconsistencies between the as-built and as-designed condition. Structural welds and attached piping welds were successfully surface examined, and a successful VT-3 (P07082, P07084, and P07085) were performed on EBB-5-SR-12.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Ronald Dean Program Engineering Date April 4th 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-5-07 To 4-4-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL Commissions NB 12329ANI, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-4, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/12/2007
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 MWO 1137682
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: HPCI
5. (a) Applicable Construction Code ASME B31.7 Class 2 19 69 Edition 1970 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
EBB-5-SG-1 (H-8)	Ipsco	Ht# B6I806	N/A	1" Plate A572 Gr. 50	2006	Replacement	No
EBB-5-SG-1 (H-8)	Nucor	Ht# 2619078	N/A	W6 X 15 I Beam A992	2006	Replacement	No
EBB-5-SG-1 (H-8)	Nucor	Ht # 2418627	N/A	3/8" Plate A36	2004	Replacement	No
EBB-5-SG-1 (H-8)	Ipsco	Ht# A6J840	N/A	1 1/2" Plate, A572 Gr. 50	2006	Replacement	No
EBB-5-SG-1 (H-8)	Ipsco	Ht# B6K615	N/A	2" Plate, A572 Gr. 50	2006	Replacement	No

7. Description of Work: Modification of support on EBB-5-SG-1 (H-8)
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A ° F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Replace U-bolt with "box" framing. Add base plates and anchor bolts. Add stiffeners to existing auxiliary steel. This support was upgraded as part of a package to upgrade many supports on Feedwater and HPCI in order to resolve inconsistencies between the as-built and as-designed condition. NOTE: Support mark number was changed from EBB-5-H-8 to EBB-5-SG-1. Structural welds and attached piping welds were successfully surface examined, and a successful VT-3 (P07079) was performed on EBB-5-SG-1.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Russell Dever Program Engineering Date March 13, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-3-07 To 3-22-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL Commissions NB 12329 ANI, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 3-22, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 04/04/2007
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 MWO 1137680
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Modification of Support on EBB-5-SR-11
5. (a) Applicable Construction Code ASME B31.7 Class 2 19 69 Edition 1970 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
EBB-5-SR-11	Ipsco	Ht # B61806	N/A	1" Plate A572	2006	Replacement	No
	Ipsco	Ht # A6J840	N/A	1 1/2" Plate A572	2006	Replacement	No
	Lisega	Pt # 356959	N/A	Bracket SA 675	2004	Replacement	No
	Lisega	2-453271S	N/A	12" Pipe Clamp A387	2004	Replacement	No
	Lisega	396259	N/A	Adjustable Rigid Strut 82.5 x 8.8 mm, SA 53S	2006	Replacement	No

7. Description of Work: Modification of support on EBB-5-SR-11
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Replaced rod assembly with rigid strut assembly. Replaced base plates and anchor bolts. Weld four shear lugs on pipe above pipe clamp. Support mark number was changed from EBB-5-H-11 to EBB-5-SR-11. This support was upgraded as part of a package to upgrade many supports on Feedwater and HPCI in order to resolve inconsistencies between the as-built and as-designed condition. Structural welds were successfully surface examined, and a successful VT-3 (VT-07-084) was performed on EBB-5-SR-11.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed *Ronald J. Saw* Program Engineering Date April 4th 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-7-07 To 4-4-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

BSL Commissions NB 12329A NE 1496 FA
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-4, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/13/2007
Name _____
- P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____
2. Plant Duane Arnold Energy Center Unit 1
Name _____
- 3277 DAEC Road, Palo, IA 52324 MWO 1137675
Address _____ Repair Organization to P. O. No., Job No., etc. _____
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: DLA-1-SS-10
5. (a) Applicable Construction Code ASME B31.7 Class 1 19 69 Edition 1970 Addenda N/A Code Case. _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
DLA-1-SS-10	Lisega	S/N 04616493-7-00000	N/A	Snubber Type 306256	2004	Replacement	NO
DLA-1-SS-10	Lisega	S/N 20625771	N/A	Pipe Clamp P/N 363263	2007	Replacement	NO
DLA-1-SS-10	Lisega	P/N 356959	N/A	Weld On Bracket	2007	Replacement	NO
DLA-1-SS-10	Nucor	HT # 283895	N/A	W6 X 25 Long Beam ASTM A992	2006	Replacement	NO
DLA-1-SS-10	Nucor	Ht # 1608636	N/A	W4 X 13 Long Beam ASTM A992	2006	Replacement	NO
DLA-1-SS-10	Ipsco	Ht # B61806	N/A	1" Plate ASTM A572	2006	Replacement	NO
DLA-1-SS-10	Lisega	S/N 20624036	N/A	Snubber Extension Type 336258	2007	Replacement	NO
DLA-1-SS-10	Ipsco	Ht # A6J840	N/A	1 1/2" Plate ASTM A572	2006	Replacement	NO

7. Description of Work: Modification of support on DLA-1-SS-10
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Replace rigid strut with snubber and replace auxiliary steel, base plate and anchor bolts. Note: support mark number was changed from DLA-1-SR-10 to DLA-1-SS-10. Preservice VT-3 Examination was completed and accepted (ref. Report # P07077)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)

conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed [Signature] Program Engineering Date June 2 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-3-07 To 6-2-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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 NB 123799NF, 1496 IR
Inspector's Signature National Board, State, Province, and Endorsements

Date 6-2, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/13/2007
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 MWO 1137679 - ECP 1803
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: EBB-5-SR-9
5. (a) Applicable Construction Code ASME B31.7 Class 2 19 69 Edition 1970 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
EBB-5-SR-9	Lisega	2-453271S1		12" Pipe Clamp	2007	Replacement	No

7. Description of Work: Replacement of pipe clamp on EBB-5-SR-9 support.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Replace existing 12" EBB-005-SR 9 pipe clamp with higher capacity clamp. This clamp was machined prior to installation. Preservice exam P07078 was completed after installation. Two welds were found missing on one baseplate. Three other small weld repairs were completed from original construction. All welds were examined with magnetic particle or liquid penetrant exams and found acceptable.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
 conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed [Signature] Program Engineering Date June 2 2007
 Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-5-07 To 6-2-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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 NB 12329A II, 1496 JA
 Inspector's Signature National Board, State, Province, and Endorsements

Date 6-2, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03-13-07
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Address Sheet 1 of 2
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 Address PWO 1135957, 1135960, 1135964, 1135965, 1135963, 1135962, 1138097, 1135959
Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Control Rod Drive
5. (a) Applicable Construction Code ASME Sect. III 19 68 Edition W68 Addenda 1361-1 Code Case.
Class 1 74 W75 1361-2
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
IR215(18-03)	GE	S/N A4619			1990	Replacement	Yes
IR215(18-03)	Nova	N/A	N/A	8 Bolts Ht# 8960755	2004	Replacement	No
IR215(22-19)	GE	S/N 3857			1972	Replacement	Yes
IR215(22-19)	Nova	N/A	N/A	8 Bolts Ht# 8960755	2004	Replacement	No
IR215(30-35)	GE	S/N 4451			1972	Replacement	Yes
IR215(30-35)	Nova	N/A	N/A	8 Bolts Ht# 8960755	2004	Replacement	No
IR215(34-19)	GE	S/N 4516			1972	Replacement	Yes
IR215(34-19)	Nova	N/A	N/A	8 Bolts Ht# 8960755	2004	Replacement	No
IR215(26-43)	GE	S/N 4448			1972	Replacement	Yes
IR215(26-43)	Nova	N/A	N/A	8 Bolts Ht# 8960755	2004	Replacement	No
IR215(26-27)	GE	S/N 4292			1972	Replacement	Yes
IR215(26-27)	Nova	N/A	N/A	8 Bolts Ht# 8960755	2004	Replacement	No
IR215(18-15)	GE	S/N 4393			1972	Replacement	Yes
IR215(18-15)	Nova	N/A	N/A	8 Bolts Ht# 8960755	2004	Replacement	No
IR215(18-27)	GE	S/N 3654			1972	Replacement	Yes
IR215(18-27)	Nova	N/A	N/A	8 Bolts Ht# 8960755	2004	Replacement	No

7. Description of Work: Replaced bolting and control rod drives at 18-03, 22-19, 30-35, 34-19, 26-43, 26-27, 18-15, 18-27 loc.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1010 psi Test Temp 225.9 °F

NOTE: Supplemental sheets in 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 top of this form.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Replaced bolting and control rod drives at 18-03, 22-19, 30-35, 34-19, 26-43, 26-27, 18-15, 18-27 locations. Successfully performed VT-2 of replaced drives. A VT-1 was successfully completed at receiving inspection for replacement bolting.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed [Signature] Supervisor, Materials/Inspection Date March 14, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 7-25-06 to 3-22-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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 NB 12329ANI, 1446 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 3-22, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03-13-07
Name _____
- P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____
2. Plant Duane Arnold Energy Center Unit 1
Name _____
- 3277 DAEC Road, Palo, IA 52324 PWO 1134869, 1135958, 1136702, 1135956, 1136703, 1135961, 1136701
Address _____
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Control Rod Drive
5. (a) Applicable Construction Code ASME Sect. III 19 68 Edition W68 Addenda 1361-1 Code Case.
Class 1 74 W75 1361-2
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
IR215(22-15)	GE	S/N 4557			1972	Replacement	Yes
IR215(22-15)	Nova	N/A	N/A	8 Bolts Ht# 8960755	2004	Replacement	No
IR215(18-07)	GE	S/N 3523			1972	Replacement	Yes
IR215(18-07)	Nova	N/A	N/A	8 Bolts Ht# 8960755	2004	Replacement	No
IR215(02-23)	GE	S/N A8360			1987	Replacement	Yes
IR215(02-23)	Nova	N/A	N/A	8 Bolts Ht# 8960755	2004	Replacement	No
IR215(10-07)	GE	S/N A3994			1990	Replacement	Yes
IR215(10-07)	Nova	N/A	N/A	8 Bolts Ht# 8960755	2004	Replacement	No
IR215(06-11)	GE	S/N A8370			1987	Replacement	Yes
IR215(06-11)	Nova	N/A	N/A	8 Bolts Ht# 8960755	2004	Replacement	No
IR215(22-35)	GE	S/N 3996			1972	Replacement	Yes
IR215(22-35)	Nova	N/A	N/A	8 Bolts Ht# 8960755	2004	Replacement	No
IR215(02-19)	GE	S/N A6806			1987	Replacement	Yes
IR215(02-19)	Nova	N/A	N/A	8 Bolts Ht#8960755	2004	Replacement	No

7. Description of Work: Replaced bolting and control rod drives at 22-15, 18-07, 02-23, 10-07, 06-11, 22-35, 02-19 loc.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure X
- Other Pressure 1010 psi Test Temp 225.9 °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Replaced bolting and control rod drives at 22-15, 18-07, 02-23, 10-07, 06-11, 22-35, 02-19 locations. Successfully performed VT-2 of replaced drives. CRD Location 18-07 originally had 15-20 drops per minute (see CAP048269), but was successfully retested after stroking of the drive under A77141 and no leakage was documented. A VT-1 was successfully completed at receiving inspection for replacement bolting.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp None
Certificate of Authorization No. None Expiration Date N/A
Signed [Signature] Supervisor, Materials/Inspection Date March 15, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 7-25-06 to 3-22-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL Commissions NB 12329ANI, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements
Date 3-22, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03-15-07
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address

2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 Address
WO A73715
Repair Organization to P. O. No., Job No., etc.

3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name
3277 DAEC Road, Palo, IA 52324 Authorization No. None
Expiration Date None

4. Identification of System: Residual Heat Removal (Class 2)
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition 70 Addenda 1425 Code Case.

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
HLE013 Piping	Consolidated Power Supply	N/A	N/A	Ht# 26206	2005	Replacement	No
Socket (3/4"x12")	Consolidated Power Supply	N/A	N/A	Ht#8995954 (Ht Code 1335ANB)	2005	Replacement	No

7. Description of Work: Replaced a portion of HLE013 piping downstream of MO1934 due to wall thinning.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 155 psi Test Temp 69 °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Replaced portion of piping (HLE013) downstream of MO1934 due to localized thinning from cavitation erosion. Hanger GLE-5-H-23 was pinned during the pipe replacement. A VT-3 exam was performed after the pin was removed and found acceptable. The welds were radiographed and accepted after repairs were completed. A baseline UT exam was completed on EC07054. A VT-2 exam (P07064) was completed on the welds under STP 490003 and found acceptable.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed [Signature] Supervisor, Materials/Inspection Date March 15, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-2-07 to 4-3-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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 NB 12329ANI, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-3, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 04/10/07
 Name _____
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
 Address _____
2. Plant Duane Arnold Energy Center Unit 1
 Name _____
3277 DAEC Road, Palo, IA 52324 MWO 1137684 & CWO A77649
 Address _____ Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
 Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: HPCI Pump Discharge Line Support
5. (a) Applicable Construction Code ANSI B31.7 Class 2 19 69 Edition 1971 Addenda N/A Code Case.
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
EBB-5-H-6	Unknown (site fabricated)	N/A	N/A	N/A	Unknown	Replaced (Removed U-bolt)	No

7. Description of Work: Removed U-bolt from pipe support EBB-5-H-6 per ECP 1803.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.
 (12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: The U-bolt from pipe hanger, EBB-5-H-6, has been permanently removed per ECP 1803. Removal was limited to U-bolt only. The pipe support is still carrying the weight of the pipe. Performed VT-3 (VT-07-121) in as-left condition.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replaced (removed U-bolt)
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed *Scott Perkins* Program Engineering Date April 10th 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 3-22-07 To 4-16-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL Commissions NB 12329ANI, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-16-07, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/23/07
Name _____
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____
2. Plant Duane Arnold Energy Center Unit 1
Name _____
3277 DAEC Road, Palo, IA 52324 WO 1133664 and 1136440
Address _____ Repair Organization to P. O. No., Job No., etc. _____
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Standby Liquid Control
5. (a) Applicable Construction Code P&V Draft Class 2 19 68 Edition _____ Addenda N/A Code Case. _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
XS2618A	IST Conax Nuclear	1746	N/A	Explosive Valve Kit	2006	Replacement	No
XS2618B	IST Conax Nuclear	1747	N/A	Explosive Valve Kit	2006	Replacement	No

7. Description of Work: Replaced explosive valves on frequency required by IST Program.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1220 psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Replaced Explosive valve Kits for XS2618A and XS2618B. Valve is threaded into place. Successfully performed VT-2 of the valve after installation (P007026 and P07027).

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed [Signature] Supervisor, Materials/Inspection Date March 23, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 8-8-06 to 3-23-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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]
Inspector's Signature

Commissions NB 12329ANI, 1496 IA
National Board, State, Province, and Endorsements

Date 3-23, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/23/07
Name _____
- P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____
2. Plant Duane Arnold Energy Center Unit 1
Name _____
- 3277 DAEC Road, Palo, IA 52324 WO A76710
Address _____ Repair Organization to P. O. No., Job No., etc. _____
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Core Spray
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition 70 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
CSB-F004	Southwest Fabricating and Welding Co.	N/A	N/A	DLA-8-1-3	1972	Repaired	Yes

7. Description of Work: Linear indication found during PSI Examination was reduced to an acceptable size..
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: The weld crown on ISI Weld CSB-F004 was removed to facilitate Ultrasonic examination. Once the weld crown was removed a Preservice Liquid Penetrant examination was performed to establish a new baseline. A linear indication was identified during that PSI examination. The length of the indication was 3/16" long (ref. Report PT-07-004). CAP 47392 was written. WO A76710 was written to remove the indication. The indication was reduced to an acceptable size (Ref. IWB-3122.3) with a remaining wall thickness of 0.439" (Minimum wall of 0.4378 was allowed). A final PT (ref. Report PT-07-009) was performed with the final length of indication being 0.080" which was calculated as acceptable.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repaired
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed [Signature] Supervisor, Materials/Inspection Date March 23, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-15-07 to 3-23-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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 NB 12329ANI, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 3-23, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/23/07
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Address Sheet 1 of 2
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 Address WO 1136700, 1136429, 1137975, 1136439, 1138812, 1136427, 1136428, 1136699
Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Control Rod Drive
5. (a) Applicable Construction Code ASME VIII 19 68 Edition N/A Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
IS220(30-27)	General Electric	S/N C0277	N/A	HCU Accumulator	1979	Replacement	Yes
IS220(34-23)	General Electric	S/N C0173	N/A	HCU Accumulator	1978	Replacement	Yes
IS220(26-43)	General Electric	S/N 1307	N/A	HCU Accumulator	1975	Replacement	Yes
IS220(10-35)	General Electric	S/N C0238	N/A	HCU Accumulator	1979	Replacement	Yes
IS220(22-31)	General Electric	S/N C0278	N/A	HCU Accumulator	1979	Replacement	Yes
IS220(02-23)	General Electric	S/N C0165	N/A	HCU Accumulator	1978	Replacement	Yes
IS220(10-31)	General Electric	S/N C0169	N/A	HCU Accumulator	1978	Replacement	Yes
IS220(14-27)	General Electric	S/N C0252	N/A	HCU Accumulator	1979	Replacement	Yes

7. Description of Work: Replaced HCU Accumulators at 30-27, 34-23, 26-43, 10-35, 22-31, 02-23, 10-31, 14-27 locations.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1010 psi Test Temp 225.9 °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Replaced HCU Accumulators at 30-27, 34-23, 26-43, 10-35, 22-31, 02-23, 10-31, 14-27 locations. A Visual Examination for leakage (VT-2) was performed during the Class 1 System Leakage Test and found acceptable.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed [Signature] Supervisor, Materials/Inspection Date March 23, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 7-21-06 to 4-3-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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]
Inspector's Signature

Commissions NB 123294NI, 1496 IA
National Board, State, Province, and Endorsements

Date 4-3, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 05/29/2007
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 MWO 1137581
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: EBB005 (HPCI Class 2)
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition 70 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
3/4" Sockolet welded on EBB005 Line	Consolidated Power Supply	N/A	N/A	HT-1335ANB	2006	Replacement	No

7. Description of Work: Installation of 3/4" Sockolet on EBB005 Line
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1170 psi Test Temp 73 °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Installed 3/4" sockolet to the 12" EBB005 Line per ECP 1797. Final weld liquid penetrant examination was completed and accepted. A VT-2 Examination was completed and accepted (ref. Report # P07095)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed [Signature] Program Engineering Date May 29th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 1-26-07 To 6-2-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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 NB 12329ANI, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 6-2, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 04/5/07
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 WO 1137662
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: High Pressure Coolant Injection
5. (a) Applicable Construction Code ANSI B31.7 Class 2 19 69 Edition 70 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
EBB-005	Bonney Forge	Lot 9400	N/A	3/4" 3000 # Half Coupling	2006	Replacement	No
EBB-005	Consolidated Power Supply	Ht 1335ANB	N/A	3/4" x 12" Sockolet	2006	Replacement	No

7. Description of Work: Add 3/4" taps to 12" EBB-005 for vent, drain, and PSV2302 for HPCI Keep Fill piping modification.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1170 psi Test Temp 73 °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Added 3/4" taps for vent, drain, and PSV2302 to existing 12" EBB-005 with remaining piping being 3/4". The 3/4" fitting welds to the 12" EBB-005 are the only Section XI activity. Successfully performed surface exams on welds. Successful VT-2 (report P07095) was performed with Class 1 Leak test on MWO 1138785.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Al Thomas Supervisor, Materials/Inspection Date 4/6/ 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 1-26-07 to 4-17-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

SB
Inspector's Signature

Commissions

NB 12329ANE, 1496 IA
National Board, State, Province, and Endorsements

Date 4-17, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 04/11/07
 Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
 Address
2. Plant Duane Arnold Energy Center Unit 1
 Name
3277 DAEC Road, Palo, IA 52324 MWO 1137683, 1139426, & CWO A77649
 Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
 Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: HPCI Pump Discharge Line Support
5. (a) Applicable Construction Code ANSI B31.7 Class 2 19 69 Edition 1971 Addenda N/A Code Case.
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
EBB-5-H-7	Unknown (site fabricated)	N/A	N/A	N/A	Unknown	Repaired	No

7. Description of Work: Removed U-bolt and added shims on pipe support EBB-5-H-7 per ECP 1803.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.
 (12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: The U-bolt from pipe hanger, EBB-5-H-7, has been permanently removed per ECP 1803. Removal was limited to U-bolt only. During VT-3 (VT-07-119) inspection the support was found unloaded (an air gap between support and pipe). MWO 1139426 added shim plates between support and piping. A successful VT-3 (VT-07-120) examination was completed following shim installation.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repaired
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed [Signature] Program Engineering Date April 11th 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 3-22-07 To 4-16-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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]
Inspector's Signature

Commissions NB 12329ANI, 1496 IA
National Board, State, Province, and Endorsements

Date 4-16-07, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 03/23/07
Name _____
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____
2. Plant Duane Arnold Energy Center Unit 1
Name _____
3277 DAEC Road, Palo, IA 52324 WO 1137678
Address _____ Repair Organization to P. O. No., Job No., etc. _____
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: High Pressure Coolant Injection
5. (a) Applicable Construction Code ANSI B31.7 Class 2 19 69 Edition 70 Addenda N/A Code Case. _____
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
EBB-005-SR-8	IPSCO	B61806	N/A	1" A572 Plate	2006	Replacement	No

7. Description of Work: Replaced EBB-005-SR-8 baseplate.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Replaced baseplate on EBB-005-SR-8. Welded baseplate to support. Successfully performed surface exams on welds. Successful VT-3 (report P07076 and VT-3 on DLA-1-H-12A, Report P07075) was performed after reassembly of support.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Ronald Brown for Supervisor, Materials/Inspection Date April 4th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-3-07 to 4-4-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JB
Inspector's Signature

Commissions NB 12329ANI, 1496 IA
National Board, State, Province, and Endorsements

Date 4-4, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 04/06/07
Name _____
- P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____
2. Plant Duane Arnold Energy Center Unit 1
Name _____
- 3277 DAEC Road, Palo, IA 52324 WO 1134948
Address _____ Repair Organization to P. O. No., Job No., etc. _____
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Main Steam Safety Relief Valve (Class 1)
5. (a) Applicable Construction Code ASME, III 19 68 Edition W68 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification Work Order/SUS	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
Main Steam Relief Valve Pilot	Target Rock	S/N 189	N/A	PWO 1134948 / 83.04	1976	Replacement	Yes
Body-to-Pilot Bolting (one nut)	Target Rock	Heat Code IN85326	N/A	N/A	1991	Replacement	No

7. Description of Work: Replace pilot on PSV4402 with rebuilt tested spare pilot, S/N 189 (replaced one mounting nut).
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1010 psi Test Temp 225.9 °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Pilot Valve S/N 200 was removed and pilot valve S/N 189 was installed. Prior to installation S/N 189 was repaired and documented on NIS-2 (20-06-07). One mounting nut was replaced during the installation of pilot S/N 189 (VT-1 was performed on replacement nut). A VT-2 was completed on the mechanical connection and found acceptable during Class 1 leak test.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No: None Expiration Date N/A

Signed *Scott Puckler* Program Engineering Date April 6th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 8-8-06 to 4-16-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL Commissions NB 13329ANI 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-16, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 04/26/07
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 MWOs 1139066, 1139067, 1139064, & 1139059
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Recirculation System – Class 1
5. (a) Applicable Construction Code ASME, III 19 65 Edition S67 Addenda N2, N7, Code Case
ANSI B31.1 67 No N9 &
N10
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
Recirculation Inlet Nozzles (N2C & N2F)	CB&I	* B-4833	*NB3663	RRC-F002 RRF-F002	*1972 **1978	Repaired	*Yes

* = Reactor Vessel Information
** = Safe-End Information

7. Description of Work: Applied full structural overlays on two safe-end to nozzle welds.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1010 psi Test Temp 225.9 °F

NOTE: Supplemental sheets in 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.
(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: During the In-service Inspection of RRF-F002, the UT examination revealed indications with the characteristics of IGSCC. The expanded scope included RRC-F002 which also revealed indications. Both welds were repaired by applying full structural overlays in accordance with ASME, Section XI, Code Cases N-638-1 and N-504-2. Some exceptions were taken to both Code Cases as addressed in Relief Request NG-07-0176. DAEC has received verbal approval of submitted Relief Request with formal SER to follow. Pre-weld PTs and final acceptance NDE (PT & UT) revealed no recordable indications in either overlay.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed [Signature] Program Engineering Date April 26th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-26-07 to 4-27-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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 NB 123294NF, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 4-27, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 04/26/07
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 MWO 1137245
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Drywell Valves & Torus, SUS 73.01, (ISI Class 2)
5. (a) Applicable Construction Code ANSI B31.7 Class 2 19 69 Edition 70 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
Hanger Downstream of CV4371C	Site fabricated	N/A	N/A	N/A	Unknown	Repaired (modified rigid support to guides)	N/A
2" X 2" X 1/4" Angle	Dubose National	Ht# JB9473	N/A	SA-36	2003	Replacement (added material)	No
U-bolt for 2' Pipe	Nova	Lot# 50097196	N/A	SA-193, Gr B7	2007	Replacement (added material)	No
5/8" Nuts	Nova	Lot# 50097197	N/A	SA-307 Gr A	2007	Replacement (added material)	No

7. Description of Work: Modified support after CV4371C by removing anchor strap and replacing with U-bolt guide.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

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FORM NIS-2 (Back)

9. Remarks: Modified 2" pipe support located downstream of CV4371C by removing an anchor strap and replacing it with a U-bolt. The vertical 2"x2"x1/4" angle iron that holds the U-bolt was also replaced.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair/Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed *Scott A. Pinsky* Program Engineering Date April 27th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 1-5-07 to 5-11-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL Commissions NB 12329ANF, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 5-11, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 04/26/07
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 MWO 1136693
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Core Spray, SUS 51.00, (ISI Class 2)
5. (a) Applicable Construction Code VALVE - Draft 19 68 Edition No Addenda N/A Code Case.
Pump & Valve
Code, Section III
PIPE- ANSI B31.7 69 70 N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
Core Spray Loop "B" Test Bypass Valve	Flowsolve	BA648	N/A	MO2132	2007	Replacement	Yes
Core Spray Loop "B" Test Bypass Piping	Consolidated Power Supply	Heat # SX0512	N/A	N/A	2005	Replacement	No

7. Description of Work: Replaced MO2132 and approximately 12" OF 8" piping downstream of MO2132.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 290 psi Test Temp 73.1 °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Replaced MO2132 and approximately 12" of 8" piping downstream of MO2132. Replacement was required due to FAC damage. Replacement materials and installing weld procedure were impact qualified design specification requirements. All welding was subject to final acceptance radiography and a system leak test (P07068). Spring can hanger, HLE-016-H-11, was removed & replaced during valve replacement and received a VT-3 exam (P07067) following installation.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)

conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Resler Program Engineering Date April 27th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-1-07 to 5-8-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JRL Commissions NB 12329AN I, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 5-8, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 04/26/07
Name

P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address

2. Plant Duane Arnold Energy Center Unit 1
Name

3277 DAEC Road, Palo, IA 52324 MWO 1136691
Address Repair Organization to P. O. No., Job No., etc.

3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None

4. Identification of System: Core Spray, SUS 51.00, (ISI Class 2)
5. (a) Applicable Construction Code VALVE - Draft 19 68 Edition No. Addenda N/A Code Case.
Pump & Valve
Code, Section III
PIPE- ANSI B31.7 69 70 N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
Core Spray Loop "B" Test Bypass Valve	Flowserve	BA649	N/A	MO2112	2007	Replacement	Yes
Core Spray Loop "B" Test Bypass Piping	Consolidated Power Supply	Heat # SX0512	N/A	N/A	2005	Replacement	No

7. Description of Work: Replaced MO2112 and approximately 12" OF 8" piping downstream of MO2112.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 305 psi Test Temp 75.4 °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Replaced MO2112 and approximately 12" of 8" piping downstream of MO2112. Replacement was required due to FAC damage. Replacement materials and installing weld procedure were impact qualified design specification requirements. All welding was subject to final acceptance radiography and a system leak test (P07066). Spring can hanger, HLE-015-H-14, was removed & replaced during valve replacement and received a VT-3 exam (P07065) following installation.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed [Signature] Program Engineering Date April 27th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-1-07 to 5-8-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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 NB 12329ANF 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 5-8, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 05/10/07
Name _____
- P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____
2. Plant Duane Arnold Energy Center Unit 1
Name _____
- 3277 DAEC Road, Palo, IA 52324 MWO 1137217 & 1137218
Address _____ Repair Organization to P. O. No., Job No., etc. _____
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Install seismic monitors on Recirculation & Main Steam pipe clamps (Class 1)
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition 70 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
Seismic monitor QR0005 mounted on Recirc pipe clamp on "B" loop riser	Bergen Paterson (pipe clamp)	N/A	N/A	QR0005	Unknown	Repaired	No
Seismic monitor QR0006 mounted on Main Steam "B" pipe clamp	Bergen Paterson (pipe clamp)	N/A	N/A	QR0006	Unknown	Repaired	No

7. Description of Work: Welded seismic monitor mounting plate to class 1 pipe clamps (scope of R/R Activity is limited to welding to pipe clamp).
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Welded seismic monitor mounting plates to class 1 pipe clamps ("B" Recirc riser & "B" Main Steam Line). The scope of R/R Activity is limited to welding to pipe clamp. The seismic monitor 1/4" mounting plate is compatible material (A-36). The completed welding was found acceptable via visual inspection.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed [Signature] Program Engineering Date May 10th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 12-22-06 to 5-25-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL
Inspector's Signature

Commissions NB 12329ANI, 1496 IA
National Board, State, Province, and Endorsements

Date 5-25, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 05/17/07
Name _____
- P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____
2. Plant Duane Arnold Energy Center Unit 1
Name _____
- 3277 DAEC Road, Palo, IA 52324 PWO 1136891
Address _____ Repair Organization to P. O. No., Job No., etc. _____
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Reactor Recirc (Class 1)
5. (a) Applicable Construction Code (See Below) 19 Edition _____ Addenda _____ Code Case. _____
Draft ASME Code for Pumps and Valves for Nuclear Power or NDE and acceptance requirements of ANSI B31.1 Code Cases N7, N9, N10 + Design Guide for sizing pressure parts in ASME Boiler and Pressure Vessel Code [1968] Section III, Class C.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification Work Order / SUS	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
Recirc Seal assembly for 1P201A	Byron Jackson	S/N: 741 S 2741 (seal flange) S/N: RS162499 (seal assembly)	N/A	PWO 1136891 / 64.01	1971	Replacement	No

7. Description of Work: Replaced seal assembly on recirc pump 1P201A.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1010 psi Test Temp 225.9 °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Recirc seal flange S/N: 741 S 2741 was installed on recirc pump 1P201A. This recirc seal flange was removed from 1P201B during RFO18. Mechanical seals were replaced on this seal assembly prior to installation. No repair activities occurred during the seal cartridge rebuild. A VT-3 (P06009) was completed on seal flange prior to installation. Cap screws received a VT-1 (P06010). The installed seal flange was subjected to a pressure test during the Class 1 leak test.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Presler Program Engineering Date May 17th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 7-7-06 to 5-18-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL Commissions NB 18329ANI, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 5-18, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 05/18/07
Name _____
- P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____
2. Plant Duane Arnold Energy Center Unit 1
Name _____
- 3277 DAEC Road, Palo, IA 52324 CWO A73336
Address _____ Repair Organization to P. O. No., Job No., etc. _____
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Main Steam (Class 2)
5. (a) Applicable Construction Code ANSI B31.1 19 67 Edition No Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification Work Order / SUS	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
Main Steam Stop Valve Seat Drain Valve, MO1098	Flowserve	61BHF	N/A	A73336 / 83.02	2007	Replacement	No
2" Sch 160 Pipe, SA-106 Gr "B"	Energy Process Corp.	Heat #: 151234	N/A	A73336 / 83.02	1999	Replacement	No

7. Description of Work: Replaced valve, MO1098, and a portion of upstream & downstream 2" piping. Only upstream pipe is in ISI Class 2 boundary.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 930 psi Test Temp 545 °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Replaced 2" valve, MO1098, and portions of 2" piping upstream & downstream of MO1098. Only the upstream piping and the valve are located in the ISI boundary. Replacement was subject to a system operating pressure VT-2.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed *Scott M. Prusko* Program Engineering Date May 18th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 8-11-06 to 5-18-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL Commissions NB 12329ANI, 1496 JA
Inspector's Signature National Board, State, Province, and Endorsements

Date 5-18, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 05/18/07
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 CWO A76827
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Reactor Recirc (Class 1)
5. (a) Applicable Construction Code (See Below) 19 Edition Addenda Code Case.
Draft ASME Code for Pumps and Valves for Nuclear Power or NDE and acceptance requirements of ANSI B31.1 Code Cases N7, N9, N10 + Design Guide for sizing pressure parts in ASME Boiler and Pressure Vessel Code [1968] Section III, Class C.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification Work Order / SUS	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
Recirc Seal assembly for 1P201B	Byron Jackson	S/N: 691S1005 (seal flange)	N/A	CWO A76827 / 64.01	1971	Replacement	No
Recirc Flange Cap Screws	Energy & Process Corp.	Heat #: 8991820	N/A	CWO A76827 / 64.01	2002	Replacement	No

7. Description of Work: Replaced seal assembly and flange cap screws on recirc pump 1P201B.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1010 psi Test Temp 225.9 °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Recirc seal flange S/N: 691S1005 was installed on recirc pump 1P201B. This recirc seal flange was removed from 1P201A during RFO20. Mechanical seals were replaced on this seal assembly prior to installation. No repair activities occurred during the seal cartridge rebuild. All 16 seal flange cap screws were replaced during seal cartridge installation. A VT-3 (P07093) examination was completed on seal flange prior to installation. Cap screws received a VT-1 examination during receipt inspection. The installed seal flange was subjected to a pressure test during the Class 1 leak test.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp None
Certificate of Authorization No. None Expiration Date N/A
Signed Scott Prusler Program Engineering Date May 18th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-17-07 to 5-21-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.
Inspector's Signature JP Commissions NB 12329A-I, 1496-FA
Date 5-21, 2007
National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 05/21/07
Name
- P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
- 3277 DAEC Road, Palo, IA 52324 PWO 1134947
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Main Steam Safety Relief Valve (Class 1)
5. (a) Applicable Construction Code ASME, III 19 68 Edition W68 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification Work Order/SUS	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
Main Steam Relief Valve Pilot	Target Rock	S/N 226	N/A	PWO 1134947 / 83.04	1976	Replacement	Yes
Body-to-Pilot Bolting (one bolt)	Allied Group	Heat #: M72321 H843	N/A	N/A	1999	Replacement	No

7. Description of Work: Replace pilot on PSV4401 with rebuilt tested spare pilot, S/N 226 (replaced one mounting bolt).
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1010 psi Test Temp 225.9 °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Pilot Valve S/N 201 was removed and pilot valve S/N 226 was installed. Prior to installation S/N 226 was repaired and documented on NIS-2 (20-06-12). One mounting bolt was replaced during the installation of pilot S/N 226 (VT-1 was performed on replacement bolt during receipt inspection). A VT-2 was completed on the mechanical connection and found acceptable during Class 1 leak test.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Presler Program Engineering Date May 21st, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 8-8-06 to 5-21-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL
Inspector's Signature

Commissions

NB 13329 ANI, 1496 IA
National Board, State, Province, and Endorsements

Date 5-21, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 05/21/07
Name _____
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____
2. Plant Duane Arnold Energy Center Unit 1
Name _____
3277 DAEC Road, Palo, IA 52324 PWO 1134952
Address _____ Repair Organization to P. O. No., Job No., etc. _____
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Main Steam Safety Relief Valve (Class 1)
5. (a) Applicable Construction Code ASME, III 19 68 Edition W68 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification Work Order/SUS	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
Main Steam Relief Valve Pilot	Target Rock	S/N 203	N/A	PWO 1134952 / 83.04	1976	Replacement	Yes

7. Description of Work: Replace pilot on PSV4406 with rebuilt tested spare pilot, S/N 203.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1010 psi Test Temp 225.9 °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Pilot Valve S/N 227 was removed and pilot valve S/N 203 was installed. Prior to installation S/N 203 was repaired and documented on NIS-2 (20-06-10). A VT-2 was completed on the mechanical connection and found acceptable during Class 1 leak test.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Rusler, Program Engineering Date May 21st, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 8-2-06 to 5-21-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL
Inspector's Signature

Commissions NB 12329AN E, 1496 JA
National Board, State, Province, and Endorsements

Date 5-21, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 05/21/07
Name _____
- P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____
2. Plant Duane Arnold Energy Center Unit 1
Name _____
- 3277 DAEC Road, Palo, IA 52324 PWO 1134953
Address _____ Repair Organization to P. O. No., Job No., etc. _____
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Main Steam Safety Relief Valve (Class 1)
5. (a) Applicable Construction Code ASME, III 19 68 Edition W68 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification Work Order/SUS	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
Main Steam Relief Valve Pilot	Target Rock	S/N 202	N/A	PWO 1134953 / 83.04	1976	Replacement	Yes
Body-to-Pilot Bolting (one bolt)	Nova	Heat Code#: DMH	N/A	N/A	1996	Replacement	No

7. Description of Work: Replace pilot on PSV4407 with rebuilt tested spare pilot, S/N 202 (replaced one mounting bolt).
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1010 psi Test Temp 225.9 °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Pilot Valve S/N 199 was removed and pilot valve S/N 202 was installed. Prior to installation S/N 202 was repaired and documented on NIS-2 (20-06-09). One mounting bolt was replaced during the installation of pilot S/N 202 (VT-1 was performed on replacement bolt during receipt inspection). A VT-2 was completed on the mechanical connection and found acceptable during Class 1 leak test.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed [Signature] Program Engineering Date May 21st, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 8-8-06 to 5-21-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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]
Inspector's Signature

Commissions NB 12329ANI, 1496 IA
National Board, State, Province, and Endorsements

Date 5-21, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 05/21/07
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 PWO 1134946 & 1135063
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Main Steam Safety Relief Valve (Class 1)
5. (a) Applicable Construction Code ASME, III 19 68 Edition W68 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification Work Order/SUS	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
Main Steam Relief Valve Pilot	Target Rock	S/N 218	N/A	PWO 1134946 / 83.04	1976	Replacement	Yes
Main Steam Relief Main Body	Target Rock	S/N 200	N/A	PWO 1135063 / 83.04	1976	Replacement	No
Body-to-Pilot Bolting (one bolt)	Allied Group	Heat #: M72321 H843	N/A	N/A	1999	Replacement	No

7. Description of Work: Replace pilot & main body on PSV4400 with rebuilt tested spare pilot, S/N 218, & main body S/N 200 (replaced one pilot mounting bolt).
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1010 psi Test Temp 225.9 °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Pilot Valve S/N 207 & main body S/N 227 were removed and pilot valve S/N 218 & main body S/N 200 were installed. Prior to installation S/N 218 was repaired and documented on NIS-2 (20-06-11). No repair or replacement activities were performed on main body S/N 200 since its removal in 1998. One mounting bolt was replaced during the installation of pilot S/N 227 (VT-1 was performed on replacement bolt during receipt inspection). A VT-2 was completed on the mechanical connection and found acceptable during Class 1 leak test.

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CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Prudler Program Engineering Date May 21st, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 8-8-06 to 5-21-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL Commissions NB 12329ANT, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 5-21, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 05/21/07
Name _____
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address _____
2. Plant Duane Arnold Energy Center Unit 1
Name _____
3277 DAEC Road, Palo, IA 52324 PWO 1134951 & 1135064
Address _____ Repair Organization to P. O. No., Job No., etc. _____
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name _____ Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Main Steam Safety Relief Valve (Class 1)
5. (a) Applicable Construction Code ASME, III 19 68 Edition W68 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification Work Order/SUS	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
Main Steam Relief Valve Pilot	Target Rock	S/N 141	N/A	PWO 1134951 / 83.04	1976	Replacement	Yes
Main Steam Relief Main Body	Target Rock	S/N 141	N/A	PWO 1135064 / 83.04	1976	Replacement	No

7. Description of Work: Replace pilot & main body on PSV4405 with rebuilt tested spare pilot, S/N 141, & main body S/N 141.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 1010 psi Test Temp 225.9 °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Pilot Valve S/N 176 & main body S/N 203 were removed and pilot valve S/N 141 & main body S/N 141 were installed. Prior to installation pilot S/N 141 was repaired and documented on NIS-2 (20-06-08). No repair or replacement activities were performed on main body S/N 141 since its removal. A VT-2 was completed on the mechanical connection and found acceptable during Class 1 leak test.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Brewer, Program Engineering Date May 21st, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 8-8-06 to 5-21-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL
Inspector's Signature

Commissions NB 12339 AN I, 1496 IA
National Board, State, Province, and Endorsements

Date 5-21, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 05/22/07
Name

P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address

2. Plant Duane Arnold Energy Center Unit 1
Name

3277 DAEC Road, Palo, IA 52324 CWO A62287
Address Repair Organization to P. O. No., Job No., etc.

3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None

4. Identification of System: RHR Discharge – SUS 49.00 (ISI Class 1)
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition 70 Addenda N/A Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
Spring Can Hanger Rod	Bergen Power	Part #: 93A	N/A	Hanger Rod for Hanger DLA-5-H-3	2007	Replacement	No

7. Description of Work: Replaced spring can hanger rod with a longer rod to obtain full thread engagement.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Replaced 1.5" hanger rod on spring can hanger DLA-5-H-3. Original rod was too short and did not allow full thread engagement. Hanger was subject to a VT-3 examination (P07025) following completion of work.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Scott Rusler Program Engineering Date May 22nd, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 7-25-06 to 5-23-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL Commissions NB 10329ANE, 149C IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 5-23, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 05/29/07
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 MWO 1137248
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: RHR Drywell Spray – SUS 49.00 (ISI Class 2)
5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition 71 Addenda 1425, 1426, & 1427 Code Case.
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
Spring Can Hanger	Bergen Power	Part #: VS4B	N/A	Replacement Spring Cans (QTY – 2) for hanger GLE-7-H-17	2007	Replacement	No
Snubber	Lisega	SN: 305000547/001 & 305000547/003	N/A	Newly Installed snubbers (QTY – 2) for locations GLE-007-SS-001 & GLE-007-SS-002	2007	Replacement (new installation)	No
Yoke Clamps	Lisega	S/N: A1278-4	N/A	Lisega Part#: 362761 (QTY-2)	2007	Replacement	No
Weld End Bracket	Lisega	S/N: A-3222-4	N/A	Lisega Part#: 354953 (QTY-2)	2007	Replacement	No
Welded Beam Attachment	Bergen Power	N/A	N/A	Bergen Power Part#: k114278 (QTY-2)	2006	Replacement	No
1" Weldless Eye Nut	Bergen Power	N/A	N/A	Bergen Power Part#: BP5130 (QTY-2)	2006	Replacement	No
1" X 26" Hanger Rod	Cardinal	Heat #: 8070063	N/A	SA-193 Grade B7 (QTY-1)	1993	Replacement	No
1" X 8" Hanger Rod	Cardinal	Heat #: 8070063	N/A	SA-193 Grade B7 (QTY-1)	1993	Replacement	No
1" Hex Nut (SA-194 Gr 2H)	Cardinal	Heat #: MX2374	N/A	N/A	1985	Replacement	No
1" Hex Nut (SA-194 Gr 2H)		Heat #: KB5607	N/A	N/A	1986	Replacement	No
½" Plate (A-36)	Dubose	Heat #: 1612940	N/A	N/A	2006	Replacement	No
4"X4"X1/4" Tube Steel	Dubose	Heat #: N623852	N/A	Trace #: 27439-1	2007	Replacement	No

7. Description of Work: Replaced spring can hanger, GLE-7-H-17, and installed two new snubbers, GLE-007-SS-001 & GLE-007-SS-002.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017. FORM NIS-2 (Back)

9. Remarks: Replaced spring can hanger, GLE-7-H-17, and installed two new snubbers, GLE-007-SS-001 & GLE-007-SS-002 as part of modification for drywell penetration X039A. Snubber-to-building components were site manufactured from materials listed on page #1 on this NIS-2. The replaced spring can hanger and both new snubbers received VT-3 examinations after installation (P07055, 56, & 57).

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp None
Certificate of Authorization No. None Expiration Date N/A
Signed Scott Pusler Program Engineering Date May 29th, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT
of Hartford, Conn. have inspected the components described in this Owner's Report during the period 1-11-07 to 6-2-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JP Commissions NB 12329 ANI, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements
Date 6-2, 2007

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owners FPL Energy Duane Arnold LLC Date 05/25/07
Name
P.O. Box 14000 Juno Beach, FL 33408-0420 Sheet 1 of 2
Address
2. Plant Duane Arnold Energy Center Unit 1
Name
3277 DAEC Road, Palo, IA 52324 MWO 1138808 from ECP1814
Address Repair Organization to P. O. No., Job No., etc.
3. Work Performed by FPL Energy Type Code Symbol Stamp None
Name Authorization No. None
3277 DAEC Road, Palo, IA 52324 Expiration Date None
4. Identification of System: Main Steam – SUS 83.02 (ISI Class 2)
5. (a) Applicable Construction Code ANSI B31.1 1969 Edition Addenda Code Case.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 2001-A03

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (YES or NO)
2" U bolt support (Detail 1)	Bergen Patterson	Unknown	N/A	Detail 1 U bolt support between CV1064 and V03-0319	1974	Replaced (Removed)	No
1" Strap support (Detail 2)	Bergen Patterson	Unknown	N/A	Detail 2 Strap downstream of FO1064D	1974	Replaced (Removed)	No

7. Description of Work: Removed one 2" U bolt support (Detail 1) and one 1" strap support (Detail 2) strap hanger per ECP1814. The supports were completely removed.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure N/A psi Test Temp N/A °F

NOTE: Supplemental sheets in 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.

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, NY 10017.

FORM NIS-2 (Back)

9. Remarks: Removed one 1" Strap support downstream of FO1064D and one 2" U bolt support between CV1064 and V03-0319 on FSK-04951, as part of modification for ECP1814, Support Modification for Main Stream Drip Legs. These supports were completely removed. No VT-3 was performed due to these lines being 1" and 2" class 2.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
(repair or replacement)
conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp None

Certificate of Authorization No. None Expiration Date N/A

Signed Al Thomas Program Engineering Date May 23rd, 2007
Owner or Owner's Designee, Title

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 Iowa and employed by HSB CT of Hartford, Conn. have inspected the components described in this Owner's Report during the period 2-8-07 to 5-25-07, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations 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.

JBL Commissions NB 12329ANE, 1496 IA
Inspector's Signature National Board, State, Province, and Endorsements

Date 5-25, 2007

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

Part I, page 1 of 1

- | | |
|---|--------------------------------------|
| 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 33409-0420 | |
| 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 | 3) Plant Unit: #1 |
| 4) Owners Certificate of Authorization (if required): N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

ABSTRACT OF CONDITIONS NOTED AND CORRECTIVE MEASURES TAKEN:

The corrective measures are addressed in this report and were performed in accordance with the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI, 2001 with the 2003 Addenda and the Duane Arnold Energy Center Updated Final Safety Analysis Report. The corrective measures performed as Repairs or Replacements are listed in Part G of this report and are documented, using Form NIS-2, in accordance with the American Society of Mechanical Engineers Boiler and Pressure Vessel Code Section XI, 2001, 2003 Addenda. Specific details and associated records of additional corrective measures are on file at Duane Arnold Energy Center. The corrective measures addressed were performed during the period of Nov. 01, 2006 through March 18, 2007.

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

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**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

Part J, page 1 of 24

- | | |
|---|--------------------------------------|
| 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 33409-0420 | |
| 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 | 3) Plant Unit: #1 |
| 4) Owners Certificate of Authorization (if required) : N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

ISI FIGURES AND ISOMETRICS

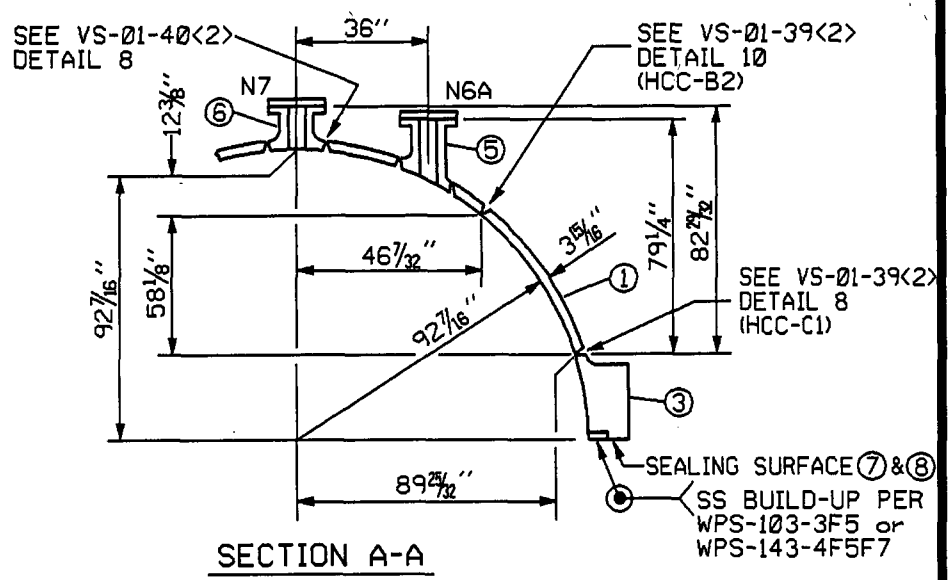
PLEASE NOTE: ISI Figures and Isometrics are listed in Part B and Part D of this report

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

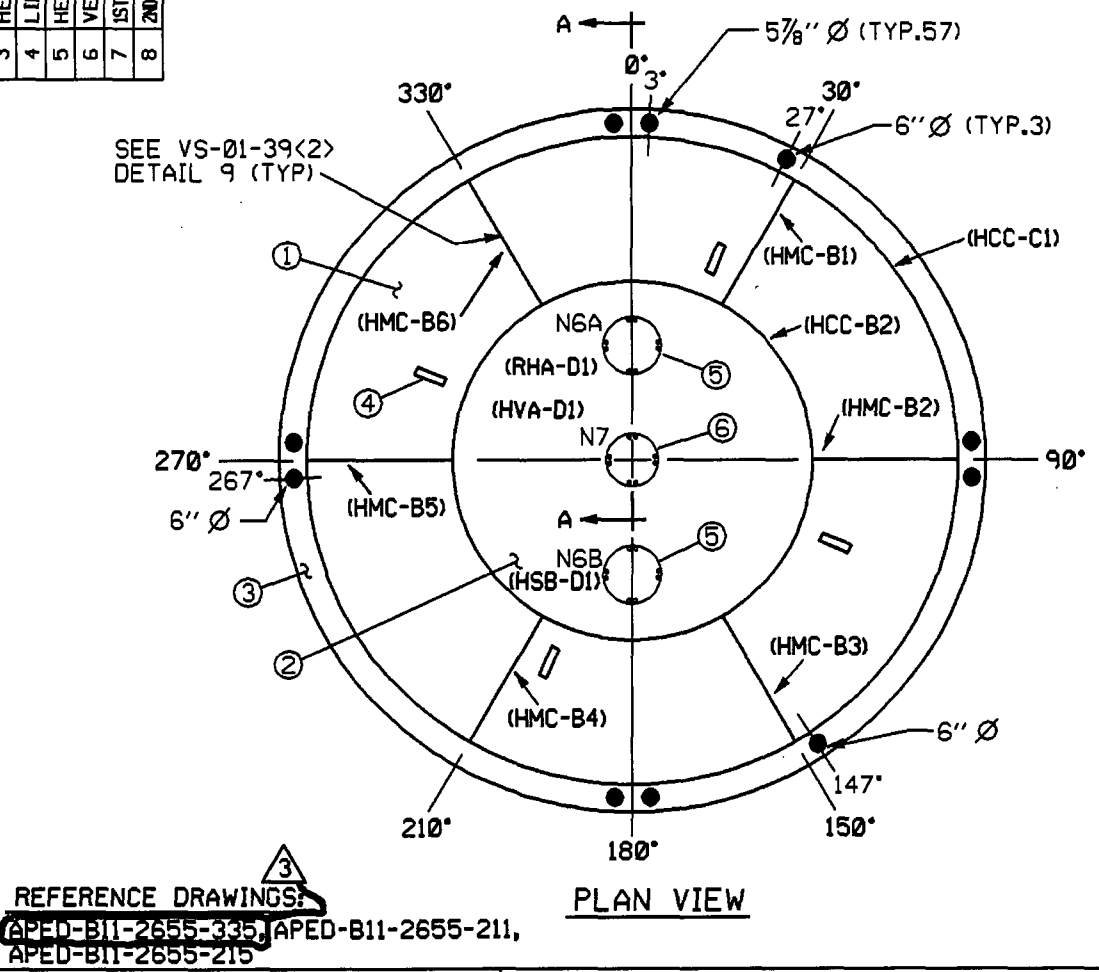
Part J, page 2 of 24

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NO.	DESCRIPTION	BILL OF MATL.	PROCD.
1	SIDE PLATE	SA533 CLASS 1 GR.B	
2	DOLLAR PLATE	SA533 CLASS 1 GR.B	
3	HEAD FLANGE	A-508 CLASS 2	
4	LIFTING LUG	(SEE VS-01-37)	
5	HEAD SPRAY & INSTR. NOZZ.	(SEE VS-01-15)	
6	VENT NOZZ.	(SEE VS-01-16)	
7	1ST LAYER SEAL SURFACE CLADDING	309L	
8	2ND & 3RD LAYER SEAL SURFACE CLADDING	308L	



NO.	DATE	DESCRIPTION	DR	TR	CHKD.	ENGR.	VER.
3	12/16/97	REVISED PER DURF-0044					
2	8/8/95	REVISED PER DURF-0011					
1	12-09-94	DRAFTED FOR VESSEL INSPECTION PROGRAM					



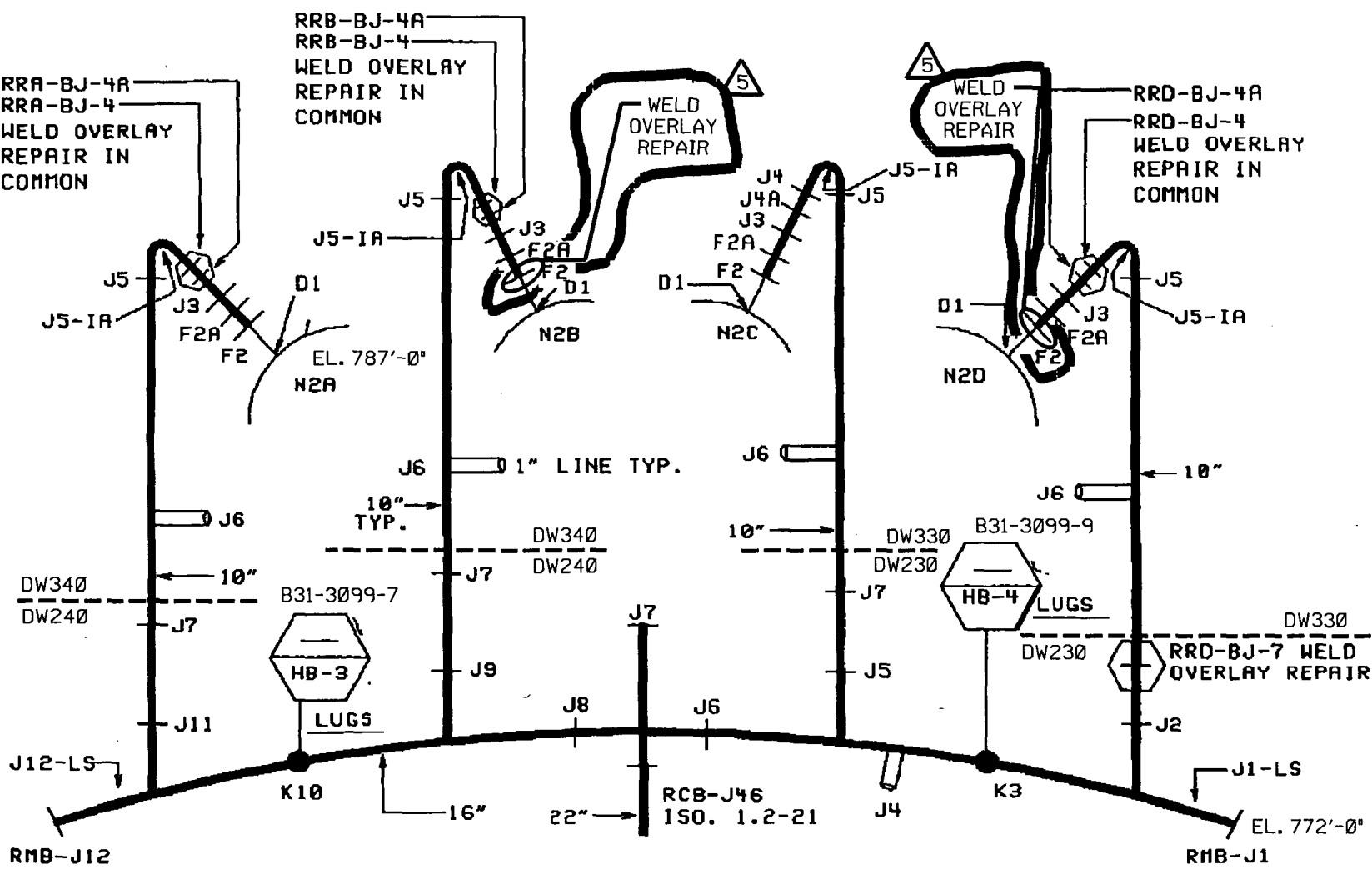
REFERENCE DRAWINGS:
 APED-B11-2655-335, APED-B11-2655-211,
 APED-B11-2655-215

IES:
 Inservice Inspection Program
 Reactor Pressure Vessel Sketch

TOP HEAD ASSEMBLY
 DWG. NO. VS-01-06
 REV. 3

REV	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
1	3-20-86	SAL			ISO'S FOR 2nd 10 YEAR PLAN
2	4-24-90	(SAL)			ISO'S TO CAD FORMAT AS PER NC-89-0794
3	7-22-94	DA	JAH / BJB	GP	REVISED PER ISI INSPECTION WALKDOWN
4	1/18/96	TAK	JW	GP	REV. PER DURF-0018
5	1/13/00	JW	TAK	GP	REV. PER DURF-0136

DRAWING RELEASE RECORD

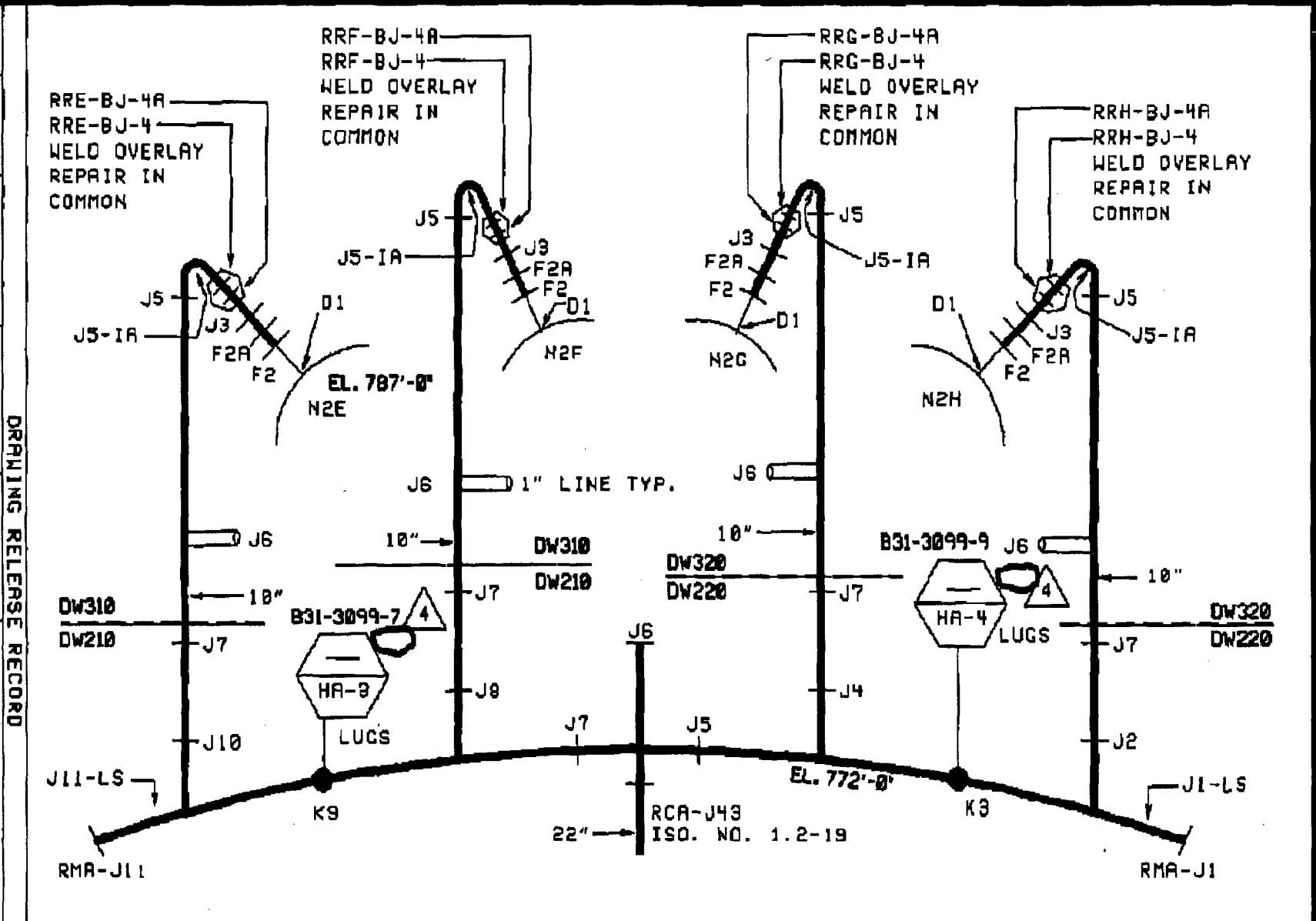


RECIRCULATION MANIFOLD "B" & RISERS A, B, C, D
 RMB-, RRA-, RRB-, RRC-, RRD-,
 SS, 16", 10"
 ISO. NO. 1.2-22

P&ID BECH-M116
 APED B31-9

DRAC INSERVICE INSPECTION RSHM SECTION X1 ISOMETRIC

Part J, page 4 of 24

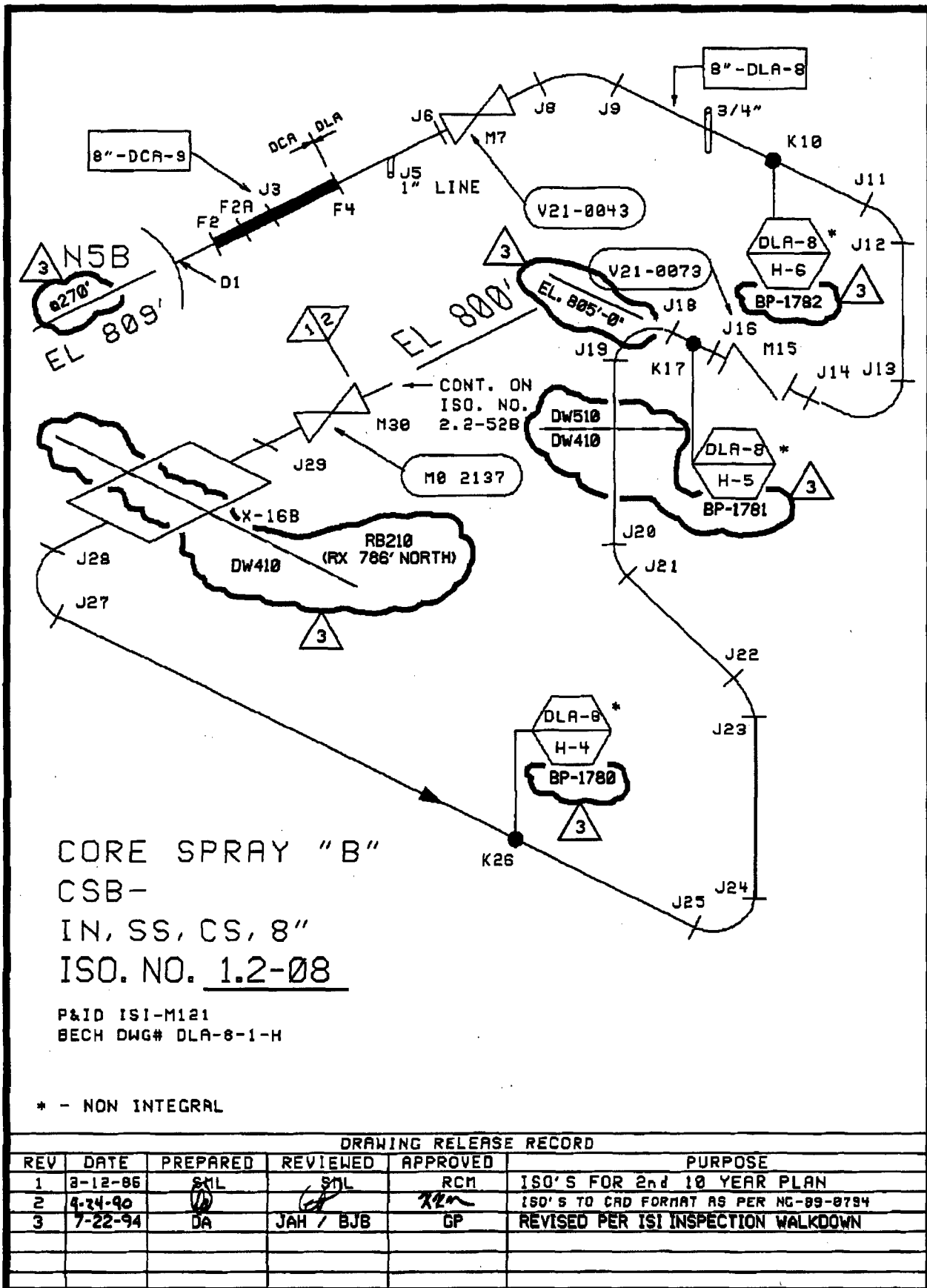


REV	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
1	3-20-86	SNL	SNL	RCH	ISO'S FOR 2nd 10 YEAR PLAN
2	4-24-90	DA	DA	GP	ISO'S TO CAD FORMAT AS PER NC-89-0794
3	7-22-94	TAK	JW	GP	REVISED PER ISI INSPECTION WALKDOWN
4	1-18-96				REV. PER DURF-0018

RECIRCULATION MANIFOLD "A" & RISERS E, F, G, H
 RMA-, RRE-, RRF-, RRG-, RRH-
 SS, 16", 10"
 ISO. NO. 1.2-20

△ 4 P&ID BECH-M116
 APED-B31-9

DATE: 1/25/96 10:00 AM



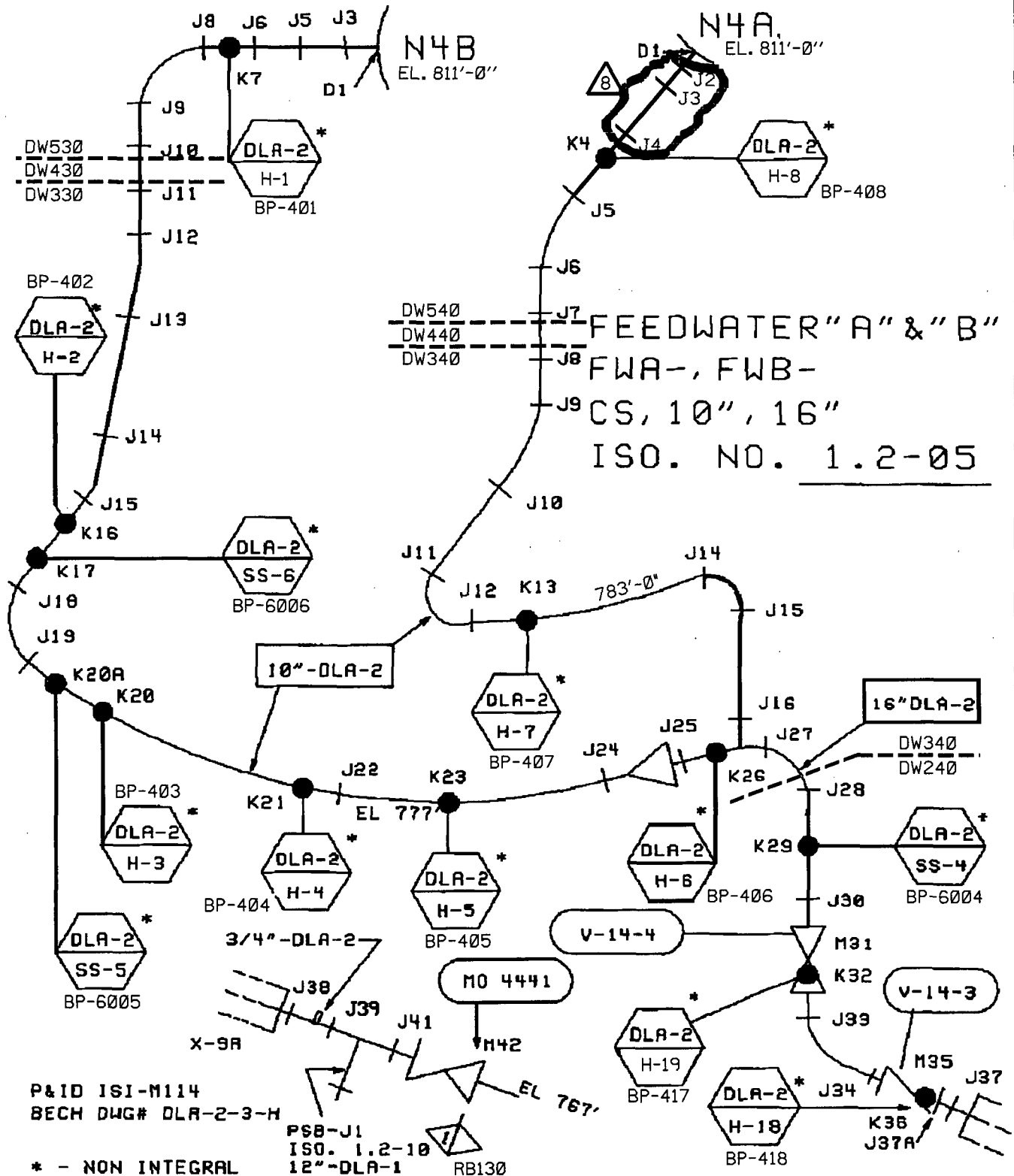
CORE SPRAY "B"
 CSB-
 IN, SS, CS, 8"
 ISO. NO. 1.2-08

P&ID ISI-M121
 BECH DWG# DLA-8-1-H

* - NON INTEGRAL

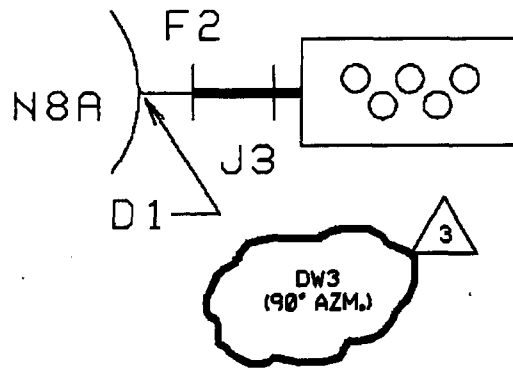
DRAWING RELEASE RECORD

REV	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
1	3-12-86	SNL	SNL	RCM	ISO'S FOR 2nd 10 YEAR PLAN
2	4-24-90	DA	JAH / BJB	GP	ISO'S TO CAD FORMAT AS PER NG-89-0734
3	7-22-94	DA	JAH / BJB	GP	REVISED PER ISI INSPECTION WALKDOWN



DRAWING RELEASE RECORD

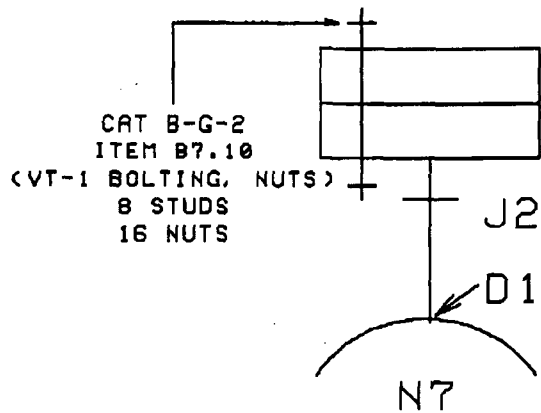
REV	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
7	6/4/99	DA	GP	FED	REVISED PER DURF-U0111
8	8/10/05	DA	TWS	RS	REVISED PER DURF-U0163
3	11-10-92	DA	GP	GP	REVISED PER DDC-2041
4	7-22-94	DA	FED	GP	REVISED PER ISI INSPECTION WALKDOWN
5	3-21-96	JAH	DA	GP	REVISED PER DURF-U0027
6	3/26/98	DA	TAK	GP	REVISED PER DURF-U0046



JET PUMP INSTRUMENTATION "A"
 JPA-
 SS, 4"
 ISO. NO. 1.2-25

P&ID BECH-M115
 APED-B11-2655-105-4

DRAWING RELEASE RECORD					
REV	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
1	3-26-86	SML	SML	RCM	ISO'S FOR 2nd 10 YEAR PLAN
2	9-24-90	(Signature)	(Signature)	(Signature)	ISO'S TO CAD FORMAT AS PER NG-89-0794
3	7-22-94	DA	JAH / FED	GP	REVISED PER ISI INSPECTION WALKDOWN



DW7
(EXAMS PERFORMED
ON REFUEL FLOOR)

3

HEAD VENT
HVA-
CS, 4"
ISO. NO. 1.2-24

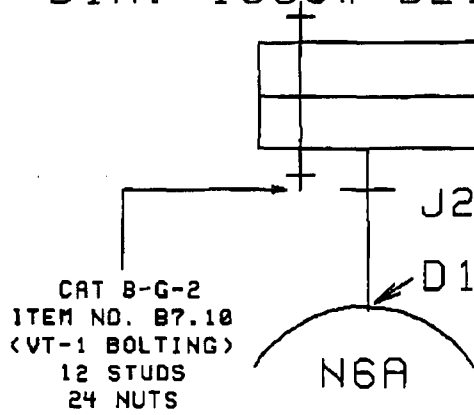
P&ID BECH-M114
APED-B11-2655-104-3

DRAWING RELEASE RECORD					
REV	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
1	8-26-86	SNL	SNL	RCM	ISO'S FOR 2nd 10 YEAR PLAN
2	9-24-90	DA	DA	RCM	ISO'S TO CAD FORMAT AS PER NG-89-0794
3	7-22-94	DA	JAH /FED	GP	REVISED PER ISI INSPECTION WALKDOWN

RHR-HEADSPRAY
 RHA
 C.S. -6"
 ISO. NO. 1.2-13

P&ID-M119
 BECH DWG# DBA-5-1-H

6" DIA. 1500# BLIND FLANGE

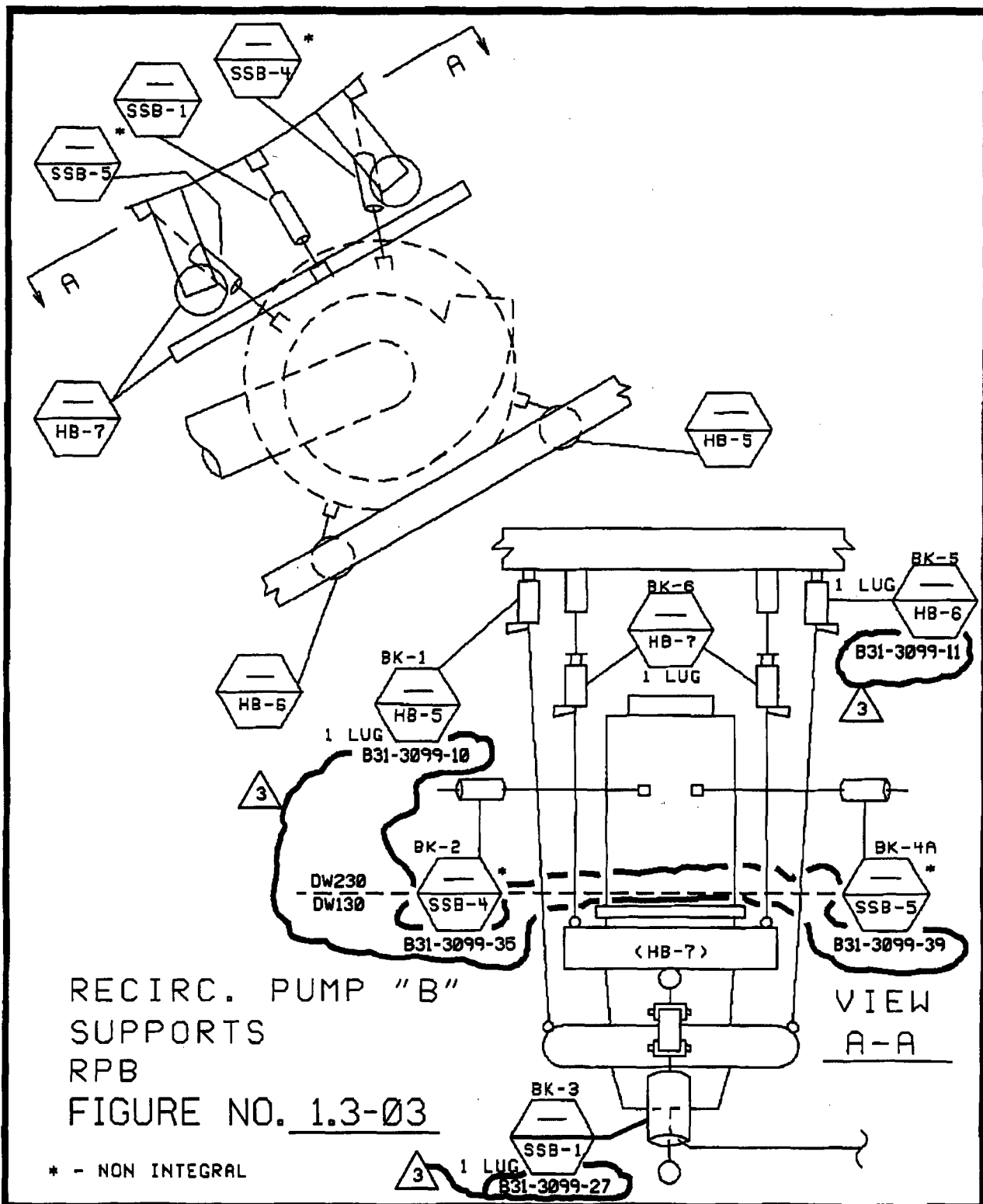


DW7
 (EXAMS PERFORMED
 ON REFUEL FLOOR)

4

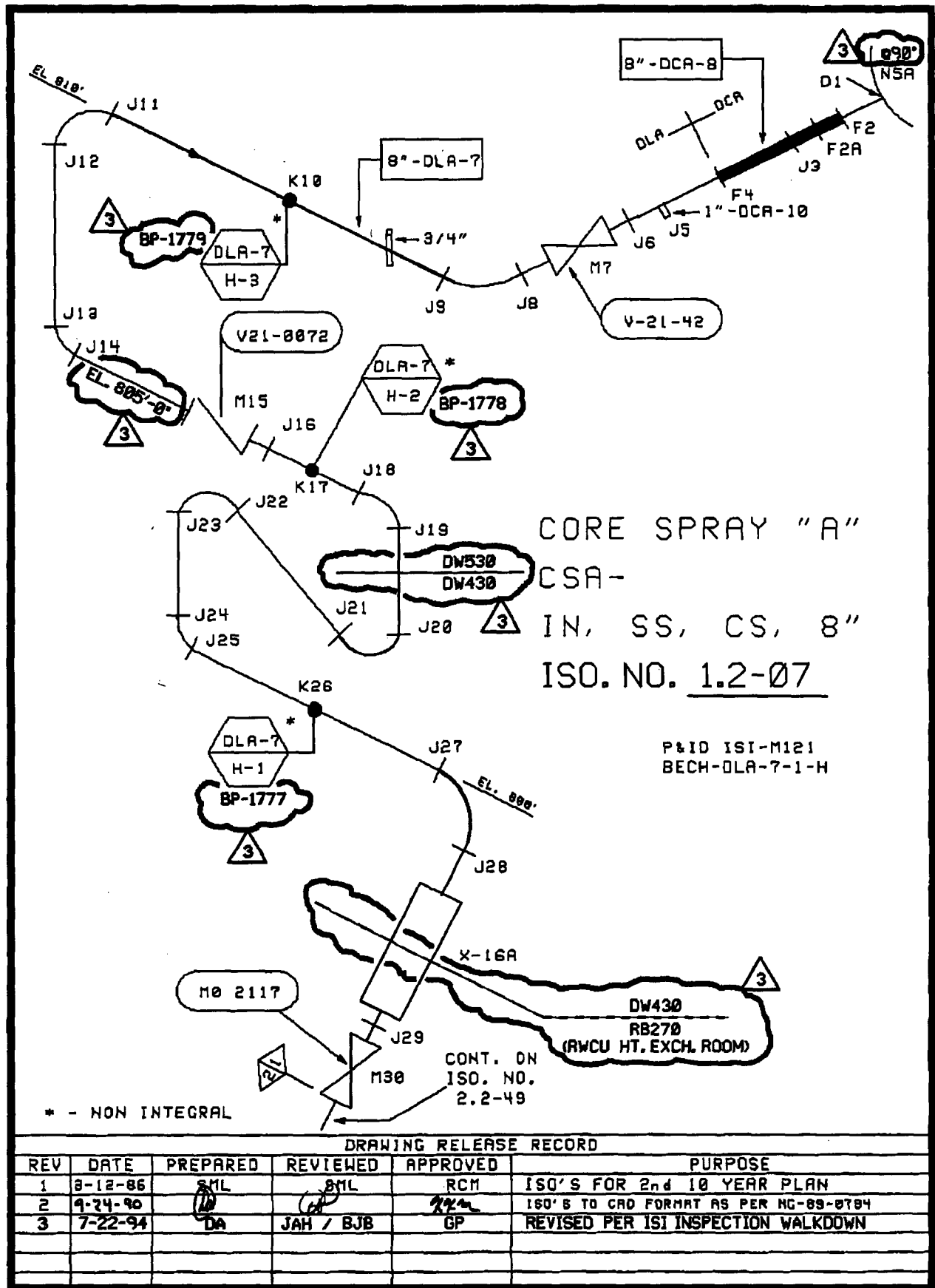
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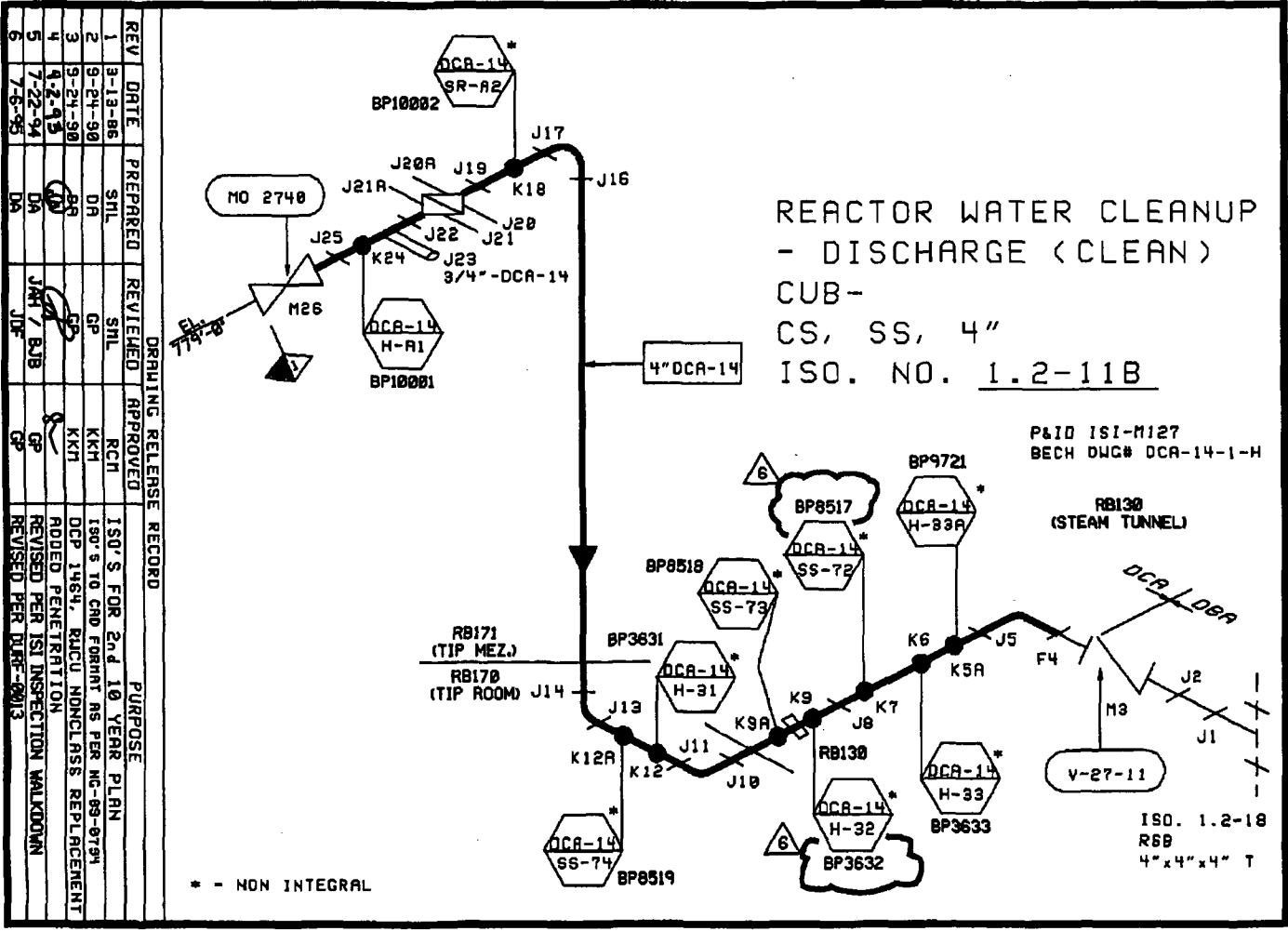
REV	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
1	3-14-86	SML	SML	RCM	ISO'S FOR 2nd 10 YEAR PLAN
2	10-26-87	JPH	RCM	REL	PORTION OF SYSTEM REMOVAL PER DCP 1985, 1987 RFO
3	9-21-90				ISO'S TO CAD FORMAT AS PER HQ-89-8794
4	7-22-94	DA	JAH / FED	GP	REVISED PER ISI INSPECTION WALKDOWN



DRAWING RELEASE RECORD

REV	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
1	10-26-87	JRM	RCM	REL	ISO'S FOR 2nd 10 YEAR PLAN
2	9-24-90	DA	FED	GP	ISO'S TO CAD FORMAT AS PER NG-89-0794
3	7-22-94	DA	FED	GP	REVISED PER ISI INSPECTION WALKDOWN





REACTOR WATER CLEANUP
 - DISCHARGE (CLEAN)
 CUB-
 CS, SS, 4"
 ISO. NO. 1.2-11B

P&ID ISI-M127
 BECH DWG# DCA-14-1-H

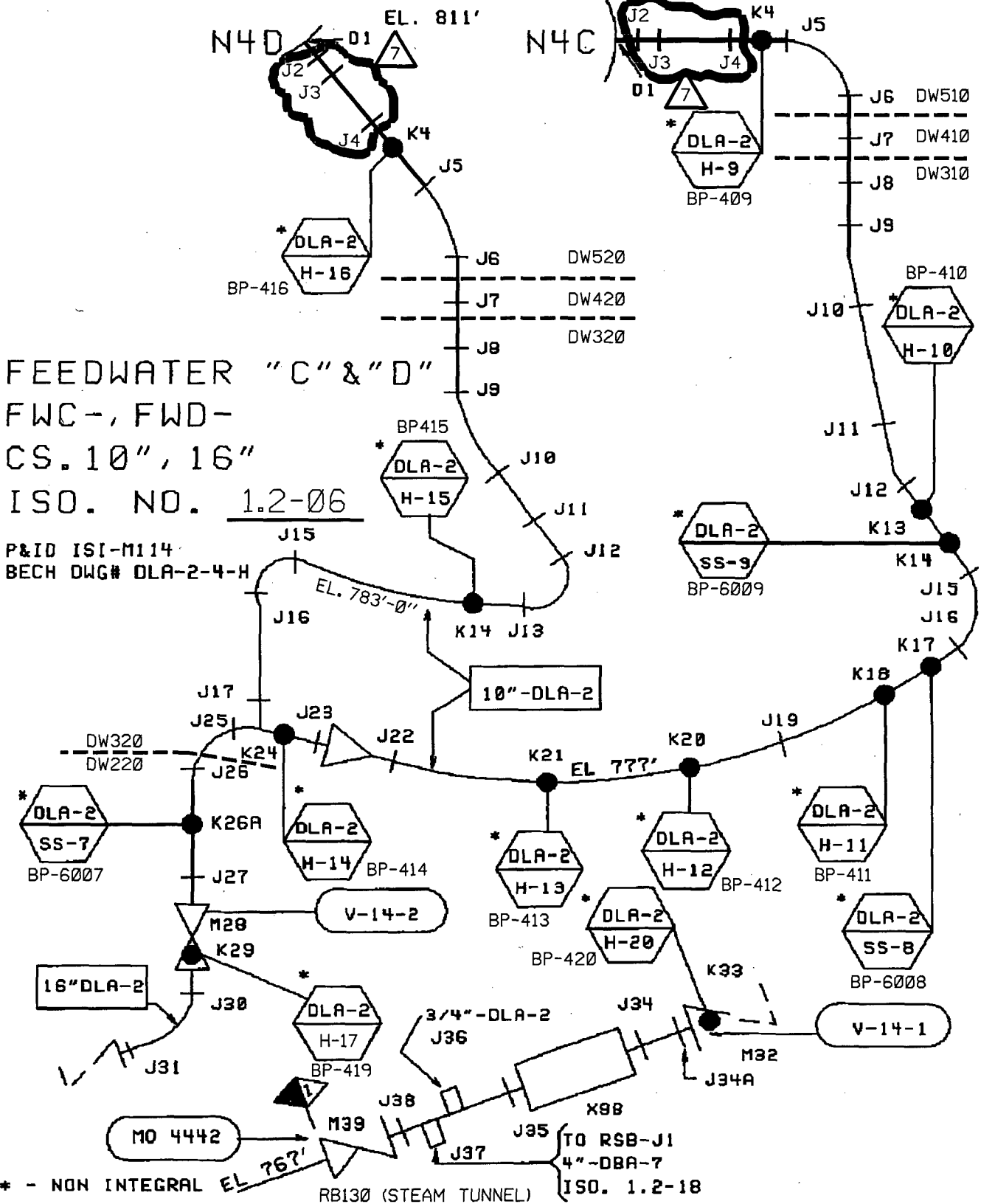
RB130
 (STEAM TUNNEL)

ISO. 1.2-18
 R60
 4"x4"x4" T

* - NON INTEGRAL

REV	DATE	PREPARED	REVIEWED	APPROVED	ORIGINATING RELEASE RECORD	PURPOSE
1	3-13-86	SNL	GR	RCH	ISO'S FOR 2nd 10 YEAR PLAN	
2	9-24-90	DR	GR	KKT	ISO'S TO CHD FORMAT AS PER NC-89-0791	
3	9-24-90	DR	GR	KKT	OCP 1464, RUCU NONCLASS REPLACEMENT	
4	4-2-93	DA	GR	JM / BJB	ADDED PENETRATION	
5	7-22-94	DA	GR	JIF	REVISED PER ISI INSPECTION WALKDOWN	
6	7-8-95	DA	GR	JIF	REVISED PER DWF-0013	

DREC INSERVICE INSPECTION R8ME SECTION X1 ISOMETRIC



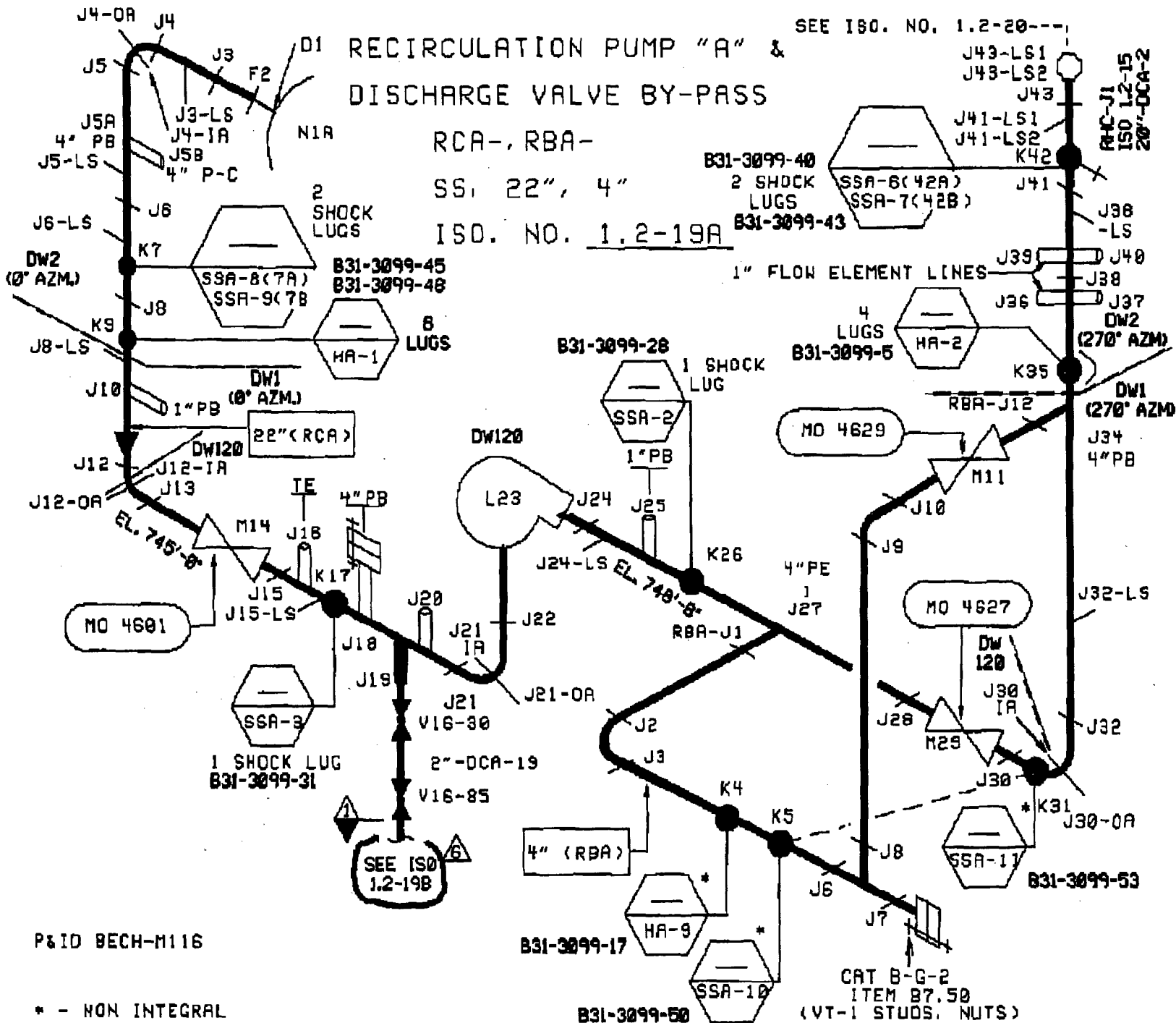
DRAWING RELEASE RECORD

REV	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
7	8/10/05	DA	TWS	RS	REVISED PER DURF-U0163
2	9-24-90	DA	GP	KKM	ISO'S TO CAD FORMAT AS PER NG-89-0794
3	11-18-92	DA	GP	KKM	REVISED PER DDC-2041
4	7-22-94	DA	BJB	GP	REVISED PER ISI INSPECTION WALKDOWN
5	3/26/98	DA	TAK	GP	REVISED PER DURF-U0046
6	6/4/99	DA	GP	FED	REVISED PER DURF-U0111

RECIRCULATION PUMP "A" & DISCHARGE VALVE BY-PASS

RCA-, RBA-
SS, 22", 4"
ISO. NO. 1.2-19A

SEE ISO. NO. 1.2-20---



P&ID BECH-M116

* - NON INTEGRAL

REV	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
1	3-19-86	SMI	SMI	RCH	ISO'S FOR 2nd 10 YEAR PLAN
2	9-24-90	DA	GP	KKM	ISO'S TO CAD FORMAT AS PER NC-89-8794
3	4-2-93	DA	GP	GP	RODED FLANGE
4	7-22-94	DA	FED	GP	REVISED PER ISI INSPECTION WALKDOWN
5	7-6-95	DA	JOF	GP	REVISED PER DURE-0013
6	1-18-96	TAK	JW	GP	REV. PER DURE-0018

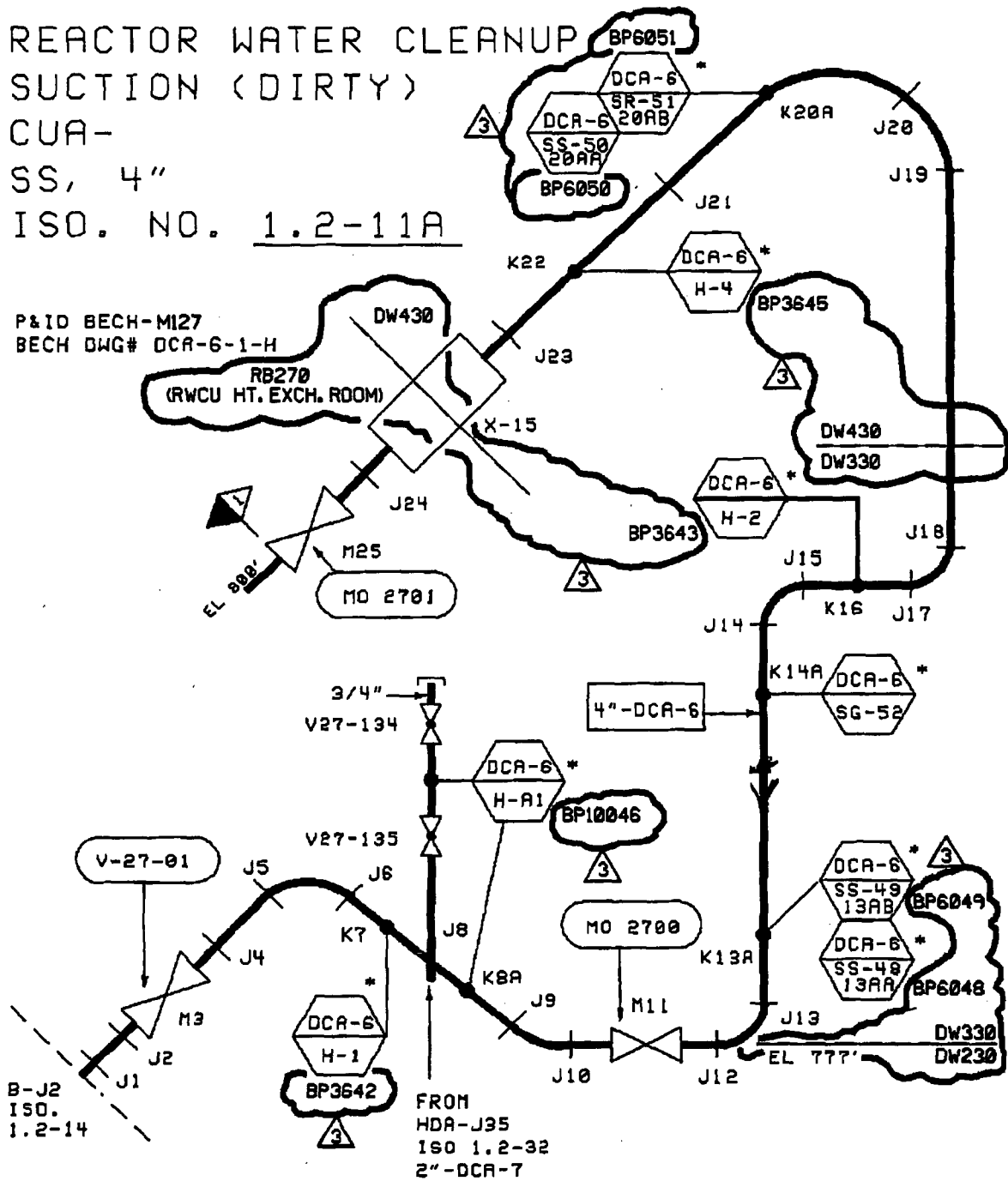
DRAWING RELEASE RECORD

DREC INSERVICE INSPECTION SCHE SECTION XI ISOMETRIC

Part J, page K6 of 24

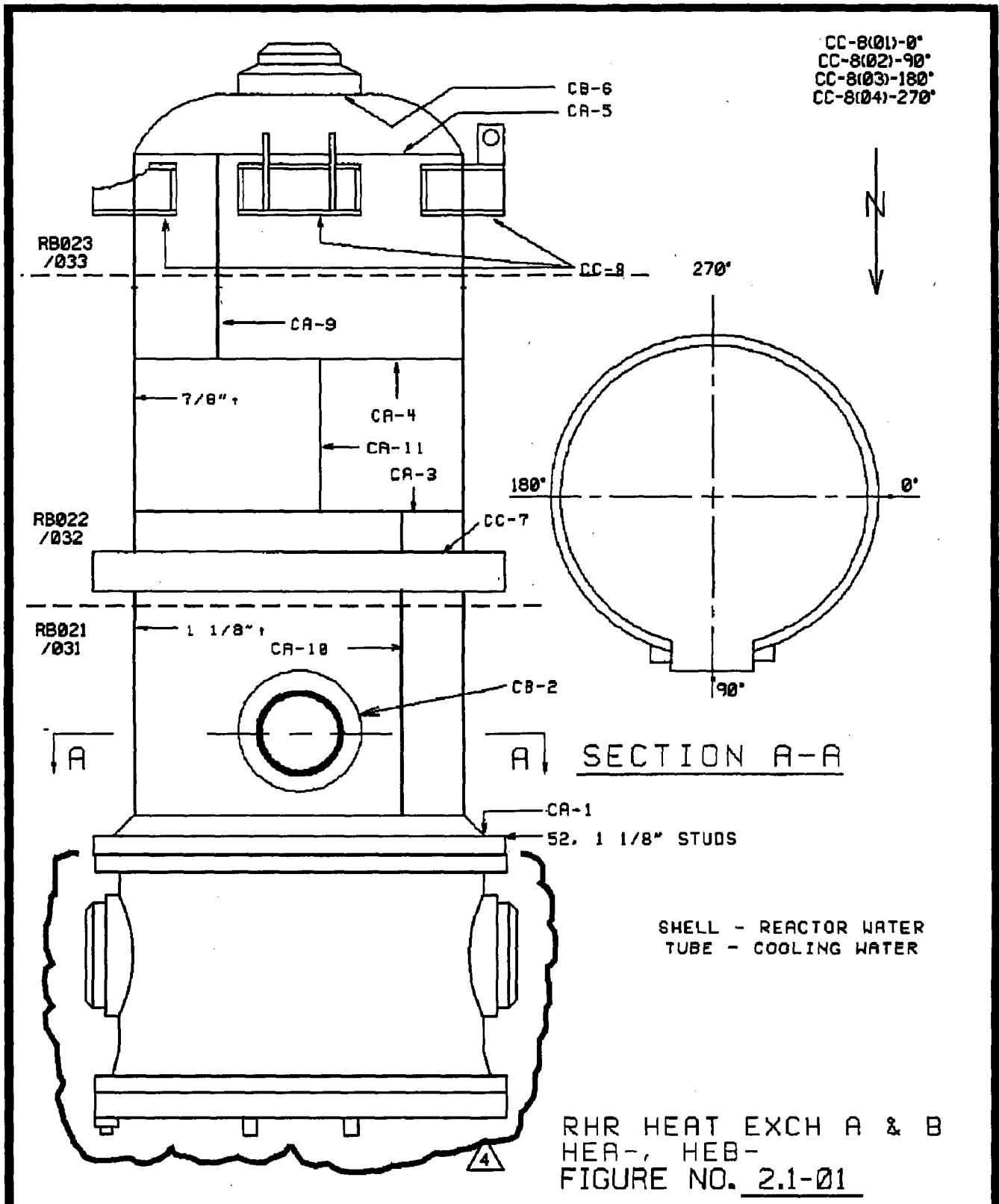
REACTOR WATER CLEANUP
 SUCTION (DIRTY)
 CUA-
 SS, 4"
 ISO. NO. 1.2-11A

P&ID BECH-M127
 BECH DWG# DCA-6-1-H



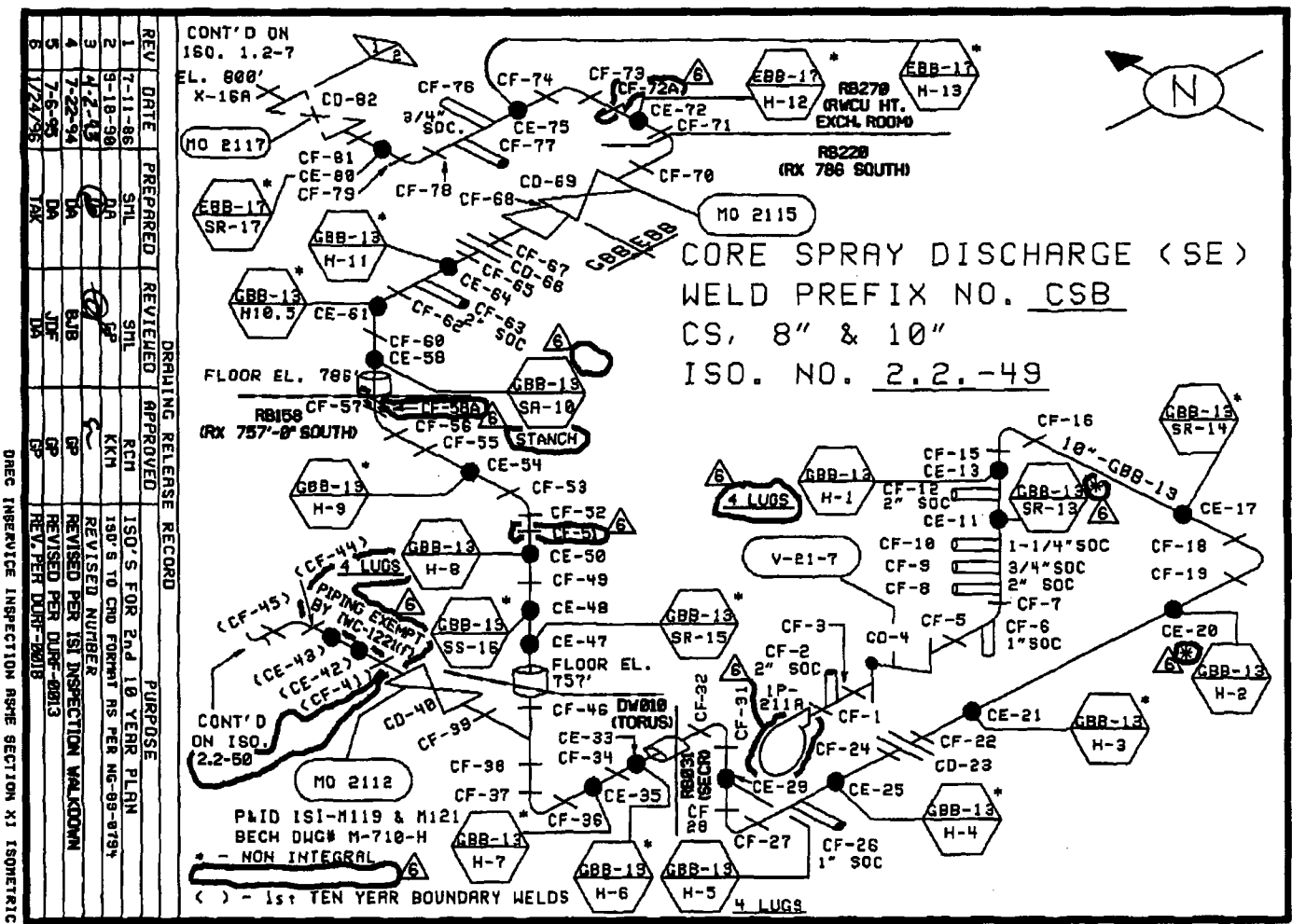
* - NON INTEGRAL

DRAWING RELEASE RECORD					
REV	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
1	3-13-86	SNL	SNL	RCM	ISO'S FOR 2nd 10 YEAR PLAN
2	7-24-90	DA	JAH / BJB	GP	ISO'S TO CAD FORMAT AS PER NG-89-0794
3	7-22-94	DA	JAH / BJB	GP	REVISED PER ISI INSPECTION WALKDOWN



DRAWING RELEASE RECORD

REV	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
1	4-26-86	SML	SML	RCM	ISO'S FOR 2nd 10 YEAR PLAN
2	9-18-90	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	ISO'S TO CAD FORMAT AS PER NG-89-0794
3	8-23-94	DA	FED	GP	REVISED PER ISI INSPECTION WALKDOWN
4	3/4/97	JAH	TAK /	GP	REVISED PER DURF-0036



REV	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
1	7-11-86	DA	DA	KCN	ISO'S FOR END 10 YEAR PLN
2	9-18-96	DA	DA	KCN	ISO'S TO CHD FORMATS PER NG-99-8794
3	4-2-03	DA	DA	GP	REVISED NUMBER
4	7-22-94	DA	DA	GP	REVISED PER ISI INSPECTION WALKDOWN
5	7-6-98	DA	DA	GP	REVISED PER DURF-0013
6	1/24/98	TAX	DA	GP	REV. PER DURF-0018

CONT'D ON ISO. 1.2-7

EL. 800'

X-16A

MO 2117

MO 2115

MO 2112

CONT'D ON ISO. 2.2-50

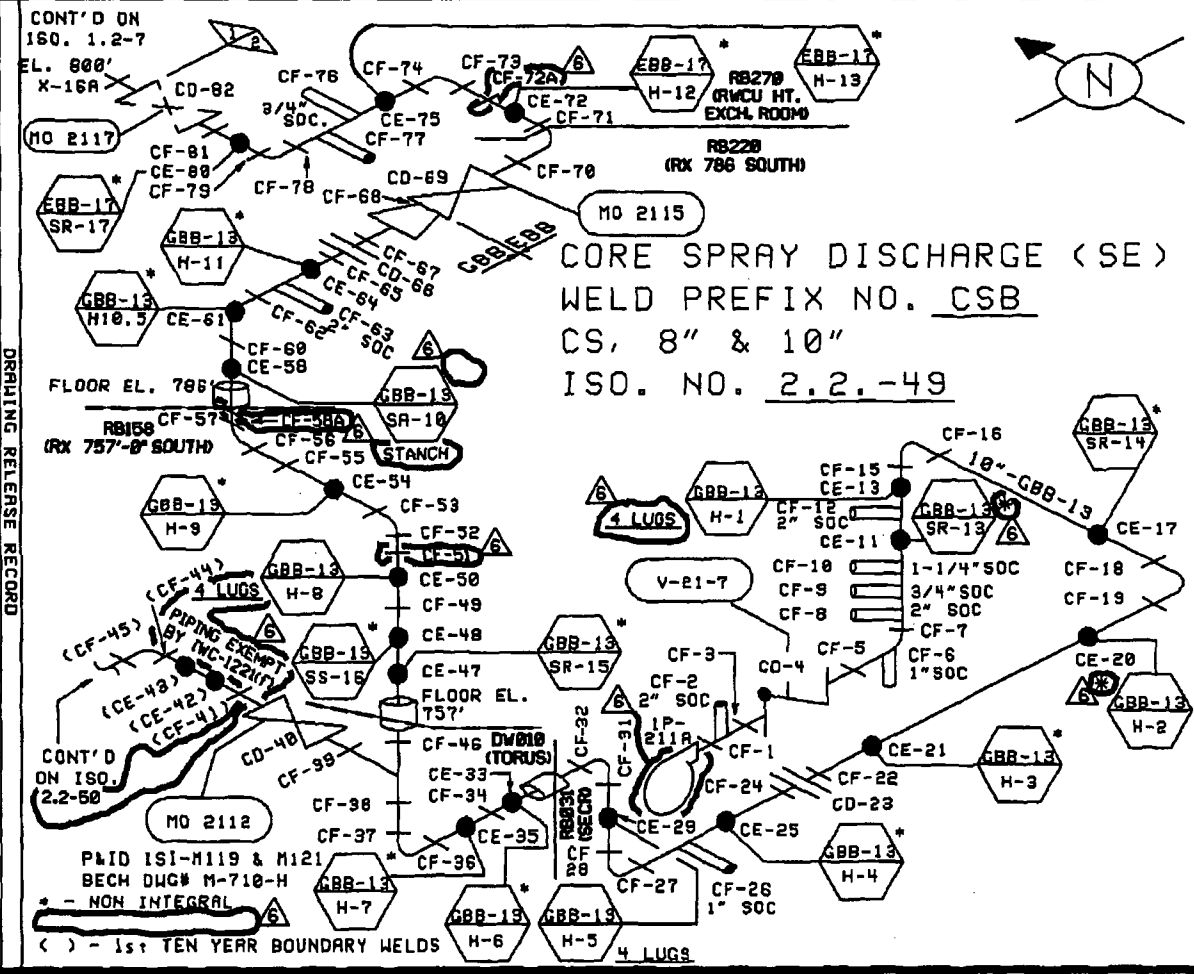
PAID ISI-M119 & M121

BECH DWG# M-710-H

* - NON INTEGRAL

() - 1st TEN YEAR BOUNDARY WELDS

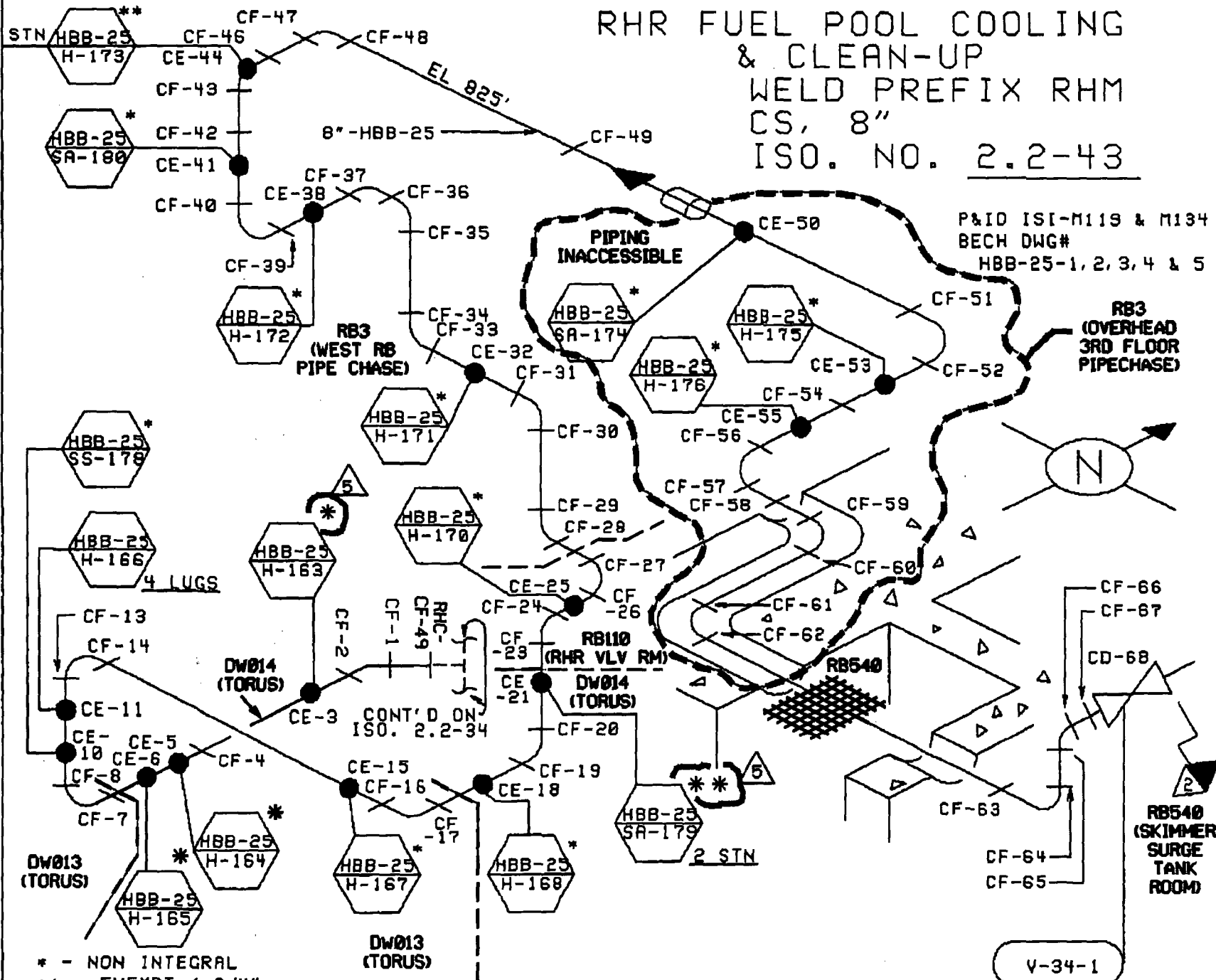
4 LUGS



RHR FUEL POOL COOLING & CLEAN-UP WELD PREFIX RHM CS, 8" ISO. NO. 2.2-43

P&ID ISI-M119 & M134
BECH DWG#
HBB-25-1, 2, 3, 4 & 5

RB3
(OVERHEAD
3RD FLOOR
PIPECHASE)



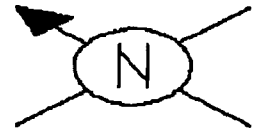
* - NON INTEGRAL
** - EXEMPT < 3/4"

DRAWING RELEASE RECORD

PURPOSE

REV	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
1	6-23-85	SML		RCM	ISO'S FOR 2nd 10 YEAR PLN
2	9-8-90	DA		GP	ISO'S TO CND FORMT AS PER NG-89-879*
3	7-22-94	DA		GP	REVISED PER ISI INSPECTION WALKDOWN
4	1/24/96	TAK		GP	REV. PER DURF-0018
5	3-21-96	JAH		GP	REV. PER DURF-U0027

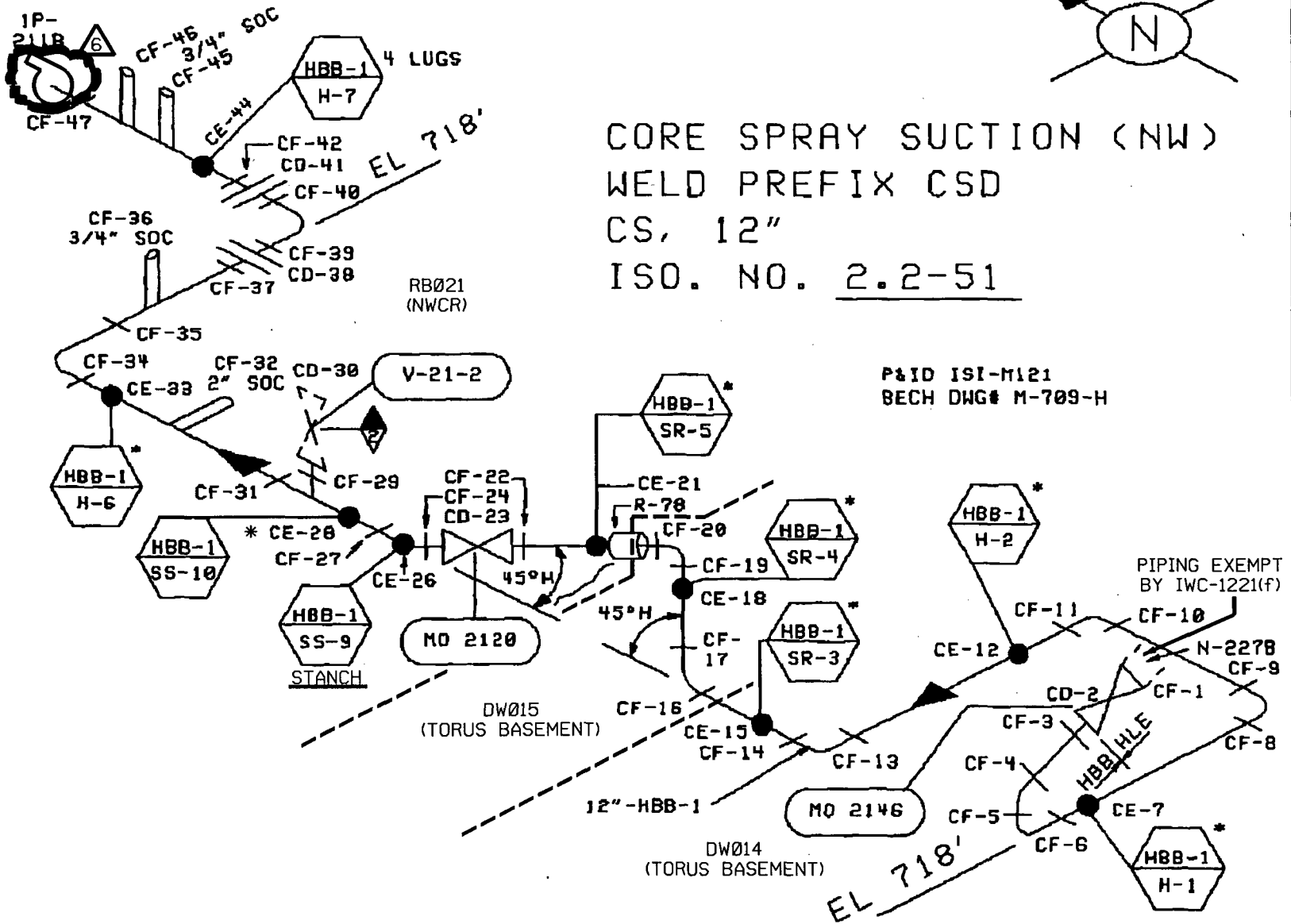
NRC INSERVICE INSPECTION ASME SECTION XI ISOMETRIC



CORE SPRAY SUCTION (NW)
 WELD PREFIX CSD
 CS, 12"
 ISO. NO. 2.2-51

P&ID ISI-M121
 BECH DWG# M-709-H

PIPING EXEMPT
 BY IWC-1221(f)



* - NON INTEGRAL

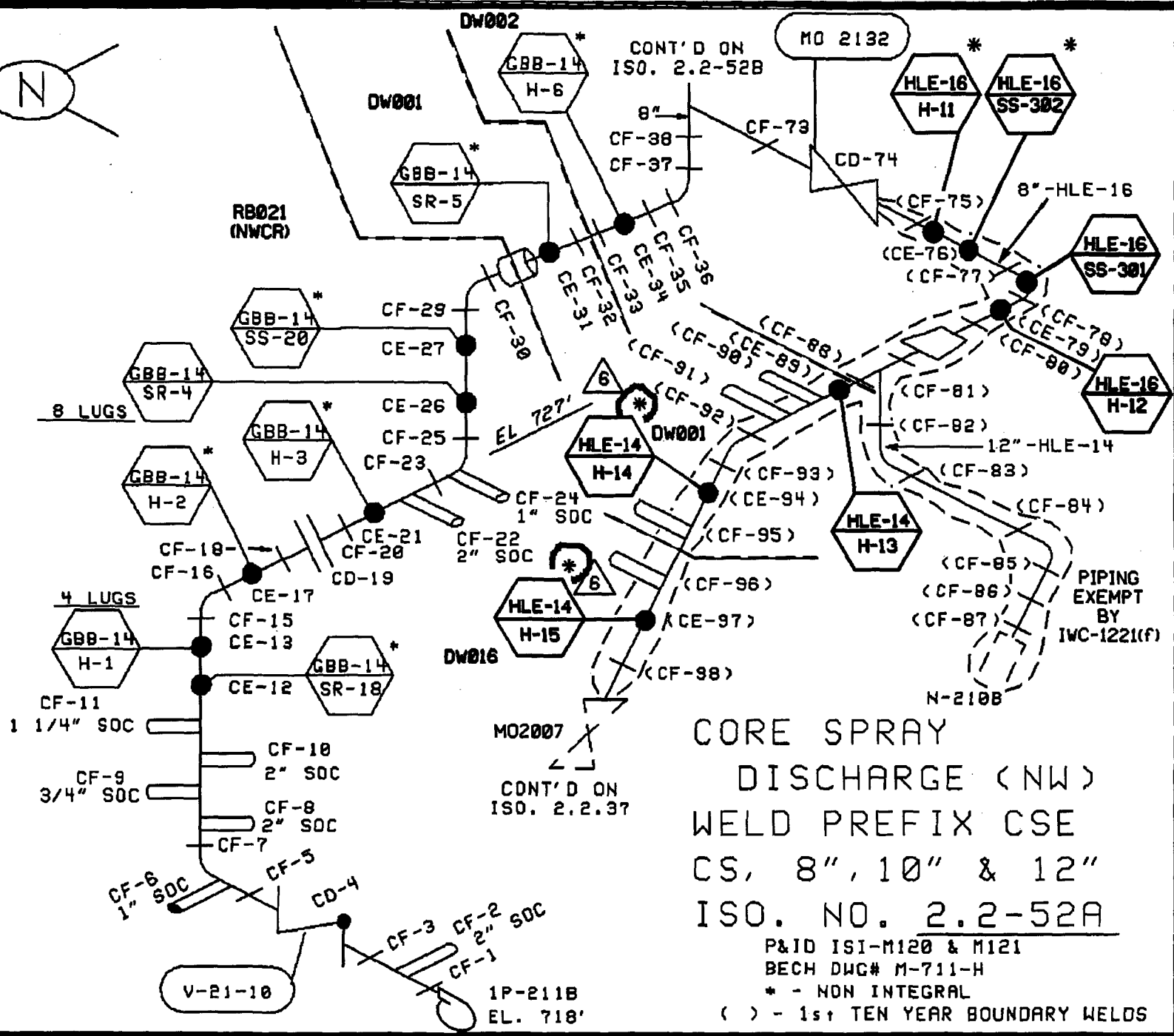
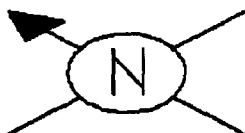
DRAWING RELEASE RECORD

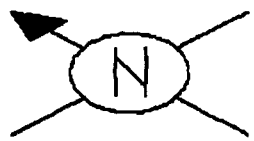
REV	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
1	7-11-96	SNL		RCH	ISO'S FOR 2nd 10 YEAR PLAN
2	9-18-96	DA		GP	ISO'S TO CNO FORMAT AS PER NG-89-078+
3	7-22-94	DA		GP	REVISED PER ISI INSPECTION WALKDOWN
4	7-6-95	DA		GP	REVISED PER DURE-0013
5	1/24/96	TAK		GP	REV. PER DURE-0018
6	6/4/99	DA		FED	REVISED PER DURE-11-0111

O&E IN SERVICE INSPECTION ASME SECTION XI ISOMETRIC

REV	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
1	7-14-86	SML	SML	RCH	ISO'S FOR 2nd 10 YEAR PLAN
2	9-18-90	DA	GB	KHM	ISO'S TO CND FORMT AS PER NC-89-879*
3	4-2-93	DA	BJB	GP	REVISED PER ISI INSPECTION WALKDOWN
4	7-22-94	TAK	DA	GP	REV. PER DURF-0018
5	1/24/96	JAH	DA	GP	REV. PER DURF-0027
6	3-21-96				

DRAWING RELEASE RECORD

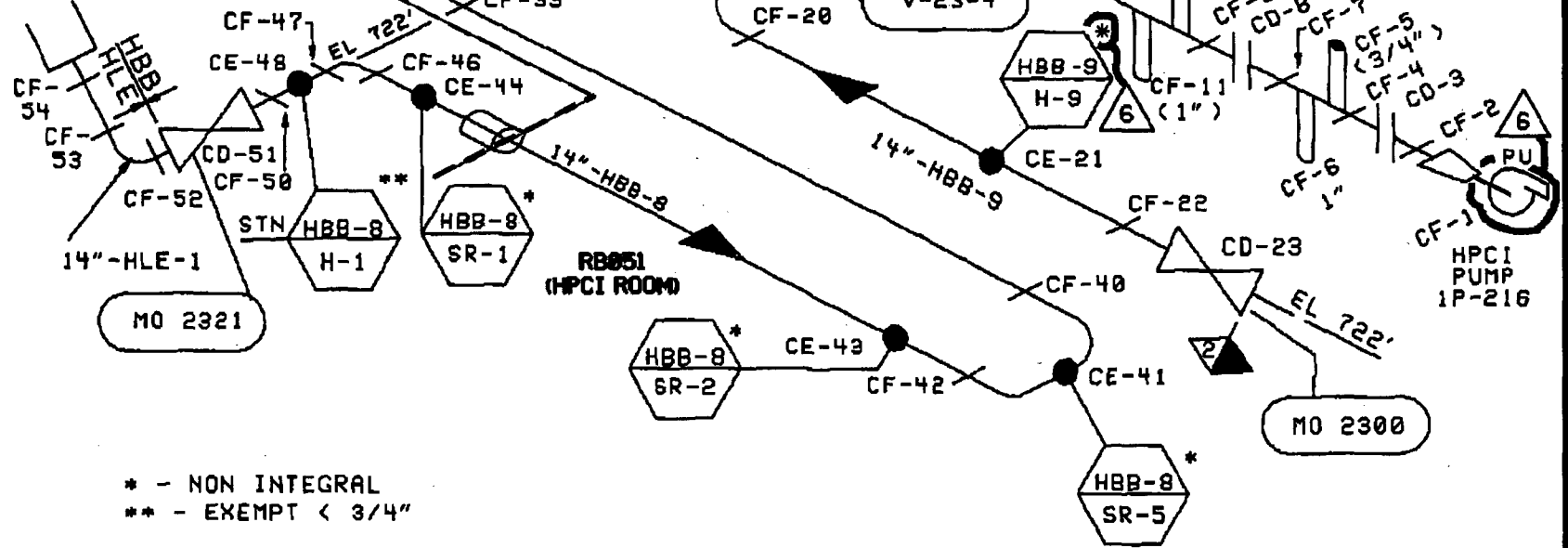




HPCI PUMP SUCTION
 WELD PREFIX HPA
 CS, 14"
 ISO. NO. 2.2-44

P&ID ISI-M123
 BECH DWG# M-700-H

SUPPRESSION
 POOL
 DW009
 N-226 (TORUS BASEMENT)



* - NON INTEGRAL
 ** - EXEMPT < 3/4"

DRAWING RELEASE RECORD

PURPOSE

REV	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
1	7-3-86	SHL	SHL	RCH	ISO'S FOR 2nd 10 YEAR PLAN
2	9-18-90	DR	DR	KKH	ISO'S TO CND FORMAT AS PER NG-89-0794
3	4-2-93	DA	DA	GP	REVISED NUMBER
4	7-22-94	DA	DA	GP	REVISED PER ISI INSPECTION WALKDOWN
5	7-6-95	DA	DA	GP	REVISED PER DURS-0013
6	1/19/96	TAK	DA	GP	REV PER DURS-0018

DNCC INSERVICE INSPECTION RSME SECTION XI ISOMETRIC

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

Part K, page 1 of 4

- | | |
|---|--------------------------------------|
| 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 33409-0420 | |
| 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 | 3) Plant Unit: #1 |
| 4) Owners Certificate of Authorization (if required) : N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

STATUS OF WORK FOR FOURTH TEN YEAR INTERVAL

(Those percentages shown are actual, where the percentages exceed the allowable only the maximum (50% for period one and at least 16% for period two) will be taken credit for).

CLASS 1

<u>ITEM NO.</u>	<u>TOTAL #</u>	<u>PERIOD 1</u>	<u>PERIOD 2</u>	<u>PERIOD 3</u>	<u>REMARKS</u>
B1.11	4	0%	0%	0%	
B1.12	8	0%	0%	0%	
B1.21	2	0%	0%	0%	
B1.22	15	0%	0%	0%	
B1.30	1	0%	0%	0%	
B1.40	1	33%	0%	0%	
B3.90	33	21%	0%	0%	See Note 1
B3.100	33	21%	0%	0%	See Note 1
B5.10	N/A	0%	0%	0%	See Note 2
B5.20	N/A	0%	0%	0%	See Note 2
B5.30	N/A	0%	0%	0%	See Note 2
B6.10	60	0%	0%	0%	
B6.20	56	0%	0%	0%	
B6.30	4	0%	0%	0%	
B6.40	60	0%	0%	0%	
B6.50	60	0%	0%	0%	
B6.180	2	0%	0%	0%	Set of 16 ea.
B6.190	2	0%	0%	0%	Set of 16 ea.
B6.200	2	0%	0%	0%	Set of 16 ea.
B7.10	3	33%	0%	0%	
B7.50	5	20%	0%	0%	
B7.60	2	0%	0%	0%	Set of 16 ea.
B7.70	47	0%	0%	0%	
B7.80	89	0%	0%	0%	
B9.11	N/A	0%	0%	0%	See Note 2
B9.21	N/A	0%	0%	0%	See Note 2
B9.31	N/A	0%	0%	0%	See Note 2
B9.32	N/A	0%	0%	0%	See Note 2
B9.40	N/A	0%	0%	0%	See Note 2
B10.10	5	0%	0%	0%	One Vessel
B10.20	3	0%	0%	0%	

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

Part K, page 2 of 4

- | | |
|---|--------------------------------------|
| 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 33409-0420 | |
| 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 | 3) Plant Unit: #1 |
| 4) Owners Certificate of Authorization (if required) : N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

STATUS OF WORK FOR FOURTH TEN YEAR INTERVAL

CLASS 1

<u>ITEM NO.</u>	<u>TOTAL #</u>	<u>PERIOD 1</u>	<u>PERIOD 2</u>	<u>PERIOD 3</u>	<u>REMARKS</u>
B10.30	8	0%	0%	0%	
B12.20	2	0%	0%	0%	
B12.50	45	0%	0%	0%	
B13.10	13	38%	0%	0%	
B13.20	11	0%	0%	0%	
B13.30	35	23%	0%	0%	
B13.40	5	8%	0%	0%	See Note 3 (183 items)
B14.10	3	0%	0%	0%	
B15.10	1	N/A	N/A	N/A	Every Outage

CLASS 1 AND CLASS 2 Risk Informed

<u>CAT NO.</u>	<u>TOTAL #</u>	<u>PERIOD 1</u>	<u>PERIOD 2</u>	<u>PERIOD 3</u>	<u>REMARKS</u>
R-A	70	17%	0%	0%	See Note 4

CLASS 2

<u>ITEM NO.</u>	<u>TOTAL #</u>	<u>PERIOD 1</u>	<u>PERIOD 2</u>	<u>PERIOD 3</u>	<u>REMARKS</u>
C1.10	2	50%	0%	0%	
C1.20	1	0%	0%	0%	
C2.21	2	0%	0%	0%	
C2.22	2	0%	0%	0%	
C3.10	5	0%	0%	0%	(One Vessel)
C3.20	7	14%	0%	0%	
C5.51	N/A	0%	0%	0%	See Note 2
C5.81	N/A	0%	0%	0%	See Note 2
C7.10	7	N/A	N/A	N/A	Every Period

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

Part K, page 3 of 4

- 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 33409-0420
2) Plant: Duane Arnold Energy Center, Palo, IA. 52324
3) Plant Unit: #1
4) Owners Certificate of Authorization (if required): N/A
5) Commercial Service Date: 02/01/75
6) National Board Number of Unit: N/A
Gross Generating Capacity: 649 MWE

**STATUS OF WORK FOR FOURTH TEN YEAR INTERVAL
CLASS 1 AND 2 SUPPORTS**

<u>ITEM NO.</u>	<u>TOTAL #</u>	<u>PERIOD 1</u>	<u>PERIOD 2</u>	<u>PERIOD 3</u>	<u>REMARKS</u>
F1.10	42	7%	0%	0%	
F1.20	52	12%	0%	0%	
F1.40	29	7%	0%	0%	

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

Part K, page 4 of 4

- | | |
|---|--------------------------------------|
| 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 33409-0420 | |
| 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 | 3) Plant Unit: #1 |
| 4) Owners Certificate of Authorization (if required): N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

STATUS OF WORK FOR FOURTH TEN YEAR INTERVAL

NOTE 1 - There are a total of 34 nozzles, however 1 of the nozzles is exempt by IWA-1220 and not included in the percentages

NOTE 2 - Risk-Informed methods are utilized as described in EPRI TR-112657B-A to determine scope of the inspections for examination categories B-F, B-J, and C-F-2.

NOTE 3 - There are five locations, however two of the locations are the control rod guide tube and fuel support castings which total 89 each. Therefore percentage will include the total amount.

NOTE 4 - The total number of Risk-Informed welds selected for examination is 70. The percentages taken are combined Class 1 and 2 welds completed.

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

Part L, page 1 of 1

- | | |
|---|--------------------------------------|
| 1) Owners: FPL Energy Duane Arnold LLC, PO Box 14000, Juno Beach, FL 33409-0420 | |
| 2) Plant: Duane Arnold Energy Center, Palo, IA. 52324 | 3) Plant Unit: #1 |
| 4) Owners Certificate of Authorization (if required) : N/A | 5) Commercial Service Date: 02/01/75 |
| 6) National Board Number of Unit: N/A | Gross Generating Capacity: 649 MWE |

RELIEF REQUESTS

The following are the relief requests and code cases that were used during the period of this Summary Report.

<u>RELIEF REQUESTS</u>	<u>DESCRIPTION</u>
NDE-R001	Use of the DAEC Technical Requirements Manual for Snubber Visual Examination and Testing
NDE-R002	Approved use of PDI for Overlays in lieu of Supplement 11 to Appendix VIII
NDE-R005	Risk Informed ISI for Class 1 B-F & B-J Welds and Class 2 C-F-2 Welds
NDE-R006	Request to use Code Case N-686 "Alternative Requirements for Visual Examinations"
NDE-R008	Request approval to use Appendix VIII examinations for the Fourth 10-year Interval Reactor Vessel-to-Flange Weld and Head-to-Flange Weld in lieu of the existing requirements to use Section V
Relief Request	Alternative to ASME Section XI Requirements to use Code Case N-504-2 and N-638-1 for Weld Overlay Repairs at the Duane Arnold Energy Center

<u>CODE CASE #</u>	<u>DESCRIPTION</u>
N-460	Alternative Examination Coverage for Class 1 and 2 Welds
N-504-2	Alternative Rules for Repair of Classes 1, 2, and 3 Austenitic Stainless Steel Piping
N-537	Location of Ultrasonic Depth Sizing Flaws
N-552	Alternative Methods – Qualification for Nozzle Inside Radius Section from the Outside Surface
N-613-1	UT of Full Penetration Nozzles in Vessels, Examination Category B-D, Item No's. B3.10 and B3.90, Reactor Nozzle-To-Vessel Welds, Figs. IWB-2500-7(a), (b), and (c).
N-638-1	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique
N-639	Alternative Calibration Block Material
N-658	Qualification Requirements for Ultrasonic Examination of Wrought Austenitic Piping Weld
N-686	Alternate Requirements for Visual Examinations VT-1, VT-2 and VT-3
N-695	Qualification Requirements for Dissimilar metal Piping Welds

**FOURTH TEN YEAR INTERVAL
INSERVICE INSPECTION REPORT**
November 1, 2006 through March 18, 2007

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**ENCLOSURE 3
TO NG-07-0492**

AUGMENTED INSPECTION RESULTS

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
 Juno Beach, FL 33409-0420
 2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
 Palo, IA 52324
 3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A
 5. Commercial Service Date: 02/01/1975
 6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
Class Null	Category AUG-SIL							
169410	IRM (08-37)	REACTOR VESSEL	409	ACP1211.36	VT / BWRVIP-172 / NRI	RPV	VS-13-02 SHT- 01	2/17/2007
169420	IRM (16-21)	REACTOR VESSEL	409	ACP1211.36	VT / BWRVIP-174 / NRI	RPV	VS-13-02 SHT- 01	2/18/2007
169430	SRM (32-21)	REACTOR VESSEL	409	ACP1211.36	VT / BWRVIP-176 / NRI	RPV	VS-13-02 SHT- 01	2/18/2007
169440	IRM (32-13)	REACTOR VESSEL	409	ACP1211.36	VT / BWRVIP-175 / NRI	RPV	VS-13-02 SHT- 01	2/18/2007
169450	SRM (16-13)	REACTOR VESSEL	409	ACP1211.36	VT / BWRVIP-173 / NRI	RPV	VS-13-02 SHT- 01	2/17/2007
Class 1	Category AUG							
150501	LCA-F002	NOZZLE-SAFE END	AUG-SLC	ACP1211.38	UT / UT-07-107, 108, 109, 110, 111 / Accept	LC	1.2-27 SHT-01	2/22/2007
165701	CSP-P1-090	CORE SPRAY TEE BOX	AUG9-P1	ACP1211.36	VT / BWRVIP-183 / Inaccessible	RPV	VS-05-01 SHT- 01	2/14/2007
165702	CSP-P1-270	CORE SPRAY TEE BOX	AUG9-P1	ACP1211.36	VT / BWRVIP-156 / NRI	RPV	VS-05-01 SHT- 01	2/16/2007
165703	CSP-P2-090	CORE SPRAY TEE BOX	AUG9-P2	ACP1211.36	VT / BWRVIP-182 / NRI	RPV	VS-05-01 SHT- 01	2/14/2007
165704	CSP-P2-270	CORE SPRAY TEE BOX	AUG9-P2	ACP1211.36	VT / BWRVIP-257 / NRI	RPV	VS-05-01 SHT- 01	2/16/2007
165705	CSP-AP3	CORE SPRAY	AUG9-P3	ACP1211.36	VT / BWRVIP-181 / NRI	RPV	VS-05-01 SHT- 01	2/14/2007
165706	CSP-BP3	CORE SPRAY	AUG9-P3	ACP1211.36	VT / BWRVIP-157 / NRI	RPV	VS-05-01 SHT- 01	2/16/2007

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

**1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420**
**2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324**
3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
165707	CSP-CP3	CORE SPRAY	AUG9-P3	ACP1211.36	VT / BWRVIP-184 / NRI	RPV	VS-05-01 SHT- 2/14/2007 01	
165708	CSP-DP3	CORE SPRAY	AUG9-P3	ACP1211.36	VT / BWRVIP-160 / NRI	RPV	VS-05-01 SHT- 2/16/2007 01	
165711	CSP-AP4c	CORE SPRAY	AUG9-P4c	ACP1211.36	VT / BWRVIP-138 / NRI	RPV	VS-05-01 SHT- 2/16/2007 01	
165712	CSP-AP4d	CORE SPRAY	AUG9-P4d	ACP1211.36	VT / BWRVIP-139 / NRI	RPV	VS-05-01 SHT- 2/16/2007 01	
165725	CSP-AP5	CORE SPRAY	AUG9-P5	ACP1211.36	VT / BWRVIP-134 / NRI	RPV	VS-05-01 SHT- 2/16/2007 01	
165726	CSP-BP5	CORE SPRAY	AUG9-P5	ACP1211.36	VT / BWRVIP-158 / NRI	RPV	VS-05-01 SHT- 2/16/2007 01	
165727	CSP-CP5	CORE SPRAY	AUG9-P5	ACP1211.36	VT / BWRVIP-124 / NRI	RPV	VS-05-01 SHT- 2/14/2007 01	
165728	CSP-DP5	CORE SPRAY	AUG9-P5	ACP1211.36	VT / BWRVIP-163 / NRI	RPV	VS-05-01 SHT- 2/17/2007 01	
165729	CSP-AP6	CORE SPRAY	AUG9-P6	ACP1211.36	VT / BWRVIP-135 / NRI	RPV	VS-05-01 SHT- 2/16/2007 01	
165730	CSP-BP6	CORE SPRAY	AUG9-P6	ACP1211.36	VT / BWRVIP-159 / NRI	RPV	VS-05-01 SHT- 2/16/2007 01	
165731	CSP-CP6	CORE SPRAY	AUG9-P6	ACP1211.36	VT / BWRVIP-125 / NRI	RPV	VS-05-01 SHT- 2/14/2007 01	
165732	CSP-DP6	CORE SPRAY	AUG9-P6	ACP1211.36	VT / BWRVIP-168 / NRI	RPV	VS-05-01 SHT- 2/17/2007 01	
165733	CSP-AP7	CORE SPRAY	AUG9-P7	ACP1211.36	VT / BWRVIP-136 / NRI	RPV	VS-05-01 SHT- 2/16/2007 01	

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420
2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324
3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A
5. Commercial Service Date: 02/01/1975
6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
165734	CSP-BP7	CORE SPRAY	AUG9-P7	ACP1211.36	VT / BWRVIP-202 / NRI	RPV	VS-05-01 SHT- 2/16/2007 01	
165735	CSP-CP7	CORE SPRAY	AUG9-P7	ACP1211.36	VT / BWRVIP-126 / NRI	RPV	VS-05-01 SHT- 2/14/2007 01	
165736	CSP-DP7	CORE SPRAY	AUG9-P7	ACP1211.36	VT / BWRVIP-170 / NRI	RPV	VS-05-01 SHT- 2/17/2007 01	
165737	CSP-AP8a	CORE SPRAY	AUG9-P8a	ACP1211.36	VT / BWRVIP-140 / NRI	RPV	VS-05-01 SHT- 2/16/2007 01	
165738	CSP-A8b	CORE SPRAY	AUG9-P8b	ACP1211.36	VT / BWRVIP-137 / NRI	RPV	VS-05-01 SHT- 2/16/2007 01	
165739	CSP-BP8a	CORE SPRAY	AUG9-P8a	ACP1211.36	VT / BWRVIP-203 / NRI	RPV	VS-05-01 SHT- 2/16/2007 01	
165740	CSP-BP8b	CORE SPRAY	AUG9-P8b	ACP1211.36	VT / BWRVIP-204 / NRI	RPV	VS-05-01 SHT- 2/16/2007 01	
165741	CSP-CP8a	CORE SPRAY	AUG9-P8a	ACP1211.36	VT / BWRVIP-133 / NRI	RPV	VS-05-01 SHT- 2/15/2007 01	
165742	CSP-CP8b	CORE SPRAY	AUG9-P8b	ACP1211.36	VT / BWRVIP-141 / NRI	RPV	VS-05-01 SHT- 2/16/2007 01	
165743	CSP-DP8a	CORE SPRAY	AUG9-P8a	ACP1211.36	VT / BWRVIP-169 / NRI	RPV	VS-05-01 SHT- 2/17/2007 01	
165744	CSP-DP8b	CORE SPRAY	AUG9-P8b	ACP1211.36	VT / BWRVIP-256 / NRI	RPV	VS-05-01 SHT- 2/16/2007 01	
171101	JP-01-RB1	JET PUMP RISER BRACE PAD TO VESSEL WELD	AUG9-RB1	ACP1211.36	VT / BWRVIP-192 / NRI	RPV	VS-11-01 SHT- 2/16/2007 01	

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420
2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324
3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
171103	JP-01-RB1b	JET PUMP #01	AUG9-RB1b	ACP1211.36	VT / BWRVIP-198 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
171105	JP-01-RB1d	JET PUMP #01	AUG9-RB1d	ACP1211.36	VT / BWRVIP-199 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
171108	JP-01-RB2b	JET PUMP #01	AUG9-RB2b	ACP1211.36	VT / BWRVIP-218 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
171110	JP-01-RB2d	JET PUMP #01	AUG9-RB2d	ACP1211.36	VT / BWRVIP-219 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
171111	BB1	JET PUMP #01	AUG9-BB1	GE-UT-504	UT / VE-07-018 / Accept	RPV	VS-11-01 SHT- 2/16/2007 01	
171112	BB2	JET PUMP #01	AUG9-BB2	GE-UT-504	UT / VE-07-019 / Accept	RPV	VS-11-01 SHT- 2/16/2007 01	
171119	BB3	JET PUMP #01	AUG9-BB3	GE-UT-504	UT / VE-07-020 / Accept	RPV	VS-11-01 SHT- 2/16/2007 01	
171124	JP-01- WD1	JET PUMP #01	AUG9-WD1	ACP1211.36	VT / BWRVIP-150 / NRI	RPV	VS-11-01 SHT- 2/17/2007 01	
171201	JP-02-RB1	JET PUMP RISER BRACE PAD TO VESSEL WELD	AUG9-RB1	ACP1211.36	VT / BWRVIP-193 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
171202	JP-02-RB1a	JET PUMP #02	AUG9-RB1a	ACP1211.36	VT / BWRVIP-195 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
171204	JP-02-RB1c	JET PUMP #02	AUG9-RB1c	ACP1211.36	VT / BWRVIP-196 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
171207	JP-02-RB2a	JET PUMP #02	AUG9-RB2a	ACP1211.36	VT / BWRVIP-197 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
171209	JP-02-RB2c	JET PUMP #02	AUG9-RB2c	ACP1211.36	VT / BWRVIP-194 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420

2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324

3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
171211	BB1	JET PUMP #02	AUG9-BB1	GE-UT-504	UT / VE-07-021 / Accept	RPV	VS-11-01 SHT- 2/16/2007 01	
171212	BB2	JET PUMP #02	AUG9-BB2	GE-UT-504	UT / VE-07-022 / Accept	RPV	VS-11-01 SHT- 2/16/2007 01	
171218	BB3	JET PUMP #02	AUG9-BB3	GE-UT-504	UT / VE-07-023 / Accept	RPV	VS-11-01 SHT- 2/16/2007 01	
171224	JP-02- WD1	JET PUMP #02	AUG9-WD1	ACP1211.36	VT / BWRVIP-189 / NRI	RPV	VS-11-01 SHT- 2/16/2007 01	
171311	BB1	JET PUMP #03	AUG9-BB1	GE-UT-504	UT / VE-07-024 / Accept	RPV	VS-11-01 SHT- 2/16/2007 01	
171312	BB2	JET PUMP #03	AUG9-BB2	GE-UT-504	UT / VE-07-025 / Accept	RPV	VS-11-01 SHT- 2/16/2007 01	
171319	BB3	JET PUMP #03	AUG9-BB3	GE-UT-504	UT / VE-07-026 / Accept	RPV	VS-11-01 SHT- 2/16/2007 01	
171324	JP-03- WD1	JET PUMP #03	AUG9-WD1	ACP1211.36	VT / BWRVIP-187 / NRI	RPV	VS-11-01 SHT- 2/16/2007 01	
171411	BB1	JET PUMP #04	AUG9-BB1	GE-UT-504	UT / VE-07-027 / Accept	RPV	VS-11-01 SHT- 2/16/2007 01	
171412	BB2	JET PUMP #04	AUG9-BB2	GE-UT-504	UT / VE-07-028 / Accept	RPV	VS-11-01 SHT- 2/16/2007 01	
171418	BB3	JET PUMP #04	AUG9-BB3	GE-UT-504	UT / VE-07-029 / Accept	RPV	VS-11-01 SHT- 2/16/2007 01	
171424	JP-04- WD1	JET PUMP #04	AUG9-WD1	ACP1211.36	VT / BWRVIP-185 / NRI	RPV	VS-11-01 SHT- 2/16/2007 01	

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420

2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324

3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
171501	JP-05-RB1	JET PUMP RISER BRACE PAD TO VESSEL WELD	AUG9-RB1	ACP1211.36	VT / BWRVIP-247 / NRI	RPV	VS-11-01 SHT- 01	2/20/2007
171511	BB1	JET PUMP #05	AUG9-BB1	GE-UT-504	UT / VE-07-030 / Accept	RPV	VS-11-01 SHT- 01	2/16/2007
171512	BB2	JET PUMP #05	AUG9-BB2	GE-UT-504	UT / VE-07-031 / Accept	RPV	VS-11-01 SHT- 01	2/16/2007
171519	BB3	JET PUMP #05	AUG9-BB3	GE-UT-504	UT / VE-07-032 / Accept	RPV	VS-11-01 SHT- 01	2/16/2007
171524	JP-05- WD1	JET PUMP #05	AUG9-WD1	ACP1211.36	VT / BWRVIP-186 / NRI	RPV	VS-11-01 SHT- 01	2/16/2007
171601	JP-06-RB1	JET PUMP RISER BRACE PAD TO VESSEL WELD	AUG9-RB1	ACP1211.36	VT / BWRVIP-235 / NRI	RPV	VS-11-01 SHT- 01	2/17/2007
171611	BB1	JET PUMP #06	AUG9-BB1	GE-UT-504	UT / VE-07-033 / Accept	RPV	VS-11-01 SHT- 01	2/16/2007
171612	BB2	JET PUMP #06	AUG9-BB2	GE-UT-504	UT / VE-07-034 / Accept	RPV	VS-11-01 SHT- 01	2/16/2007
171618	BB3	JET PUMP #06	AUG9-BB3	GE-UT-504	UT / VE-07-035 / Accept	RPV	VS-11-01 SHT- 01	2/16/2007
171624	JP-06- WD1	JET PUMP #06	AUG9-WD1	ACP1211.36	VT / BWRVIP-190 / NRI	RPV	VS-11-01 SHT- 01	2/16/2007
171701	JP-07-RB1	JET PUMP RISER BRACE PAD TO VESSEL WELD	AUG9-RB1	ACP1211.36	VT / BWRVIP-233 / NRI	RPV	VS-11-01 SHT- 01	2/18/2007
171711	BB1	JET PUMP #07	AUG9-BB1	GE-UT-504	UT / VE-07-036 / Accept	RPV	VS-11-01 SHT- 01	2/16/2007
171712	BB2	JET PUMP #07	AUG9-BB2	GE-UT-504	UT / VE-07-037 / Accept	RPV	VS-11-01 SHT- 01	2/16/2007

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420
2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324
3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
171719	BB3	JET PUMP #07	AUG9-BB3	GE-UT-504	UT / VE-07-038 / Accept	RPV	VS-11-01 SHT- 2/16/2007 01	
171724	JP-07- WD1	JET PUMP #07	AUG9-WD1	ACP1211.36	VT / BWRVIP-188 / NRI	RPV	VS-11-01 SHT- 2/16/2007 01	
171801	JP-08-RB1	JET PUMP RISER BRACE PAD TO VESSEL WELD	AUG9-RB1	ACP1211.36	VT / BWRVIP-232 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
171811	BB1	JET PUMP #08	AUG9-BB1	GE-UT-504	UT / VE-07-039 / Accept	RPV	VS-11-01 SHT- 2/16/2007 01	
171812	BB2	JET PUMP #08	AUG9-BB2	GE-UT-504	UT / VE-07-040 / Accept	RPV	VS-11-01 SHT- 2/16/2007 01	
171818	BB3	JET PUMP #08	AUG9-BB3	GE-UT-504	UT / VE-07-041 / Accept	RPV	VS-11-01 SHT- 2/16/2007 01	
171824	JP-08- WD1	JET PUMP #08	AUG9-WD1	ACP1211.36	VT / BWRVIP-236 / NRI	RPV	VS-11-01 SHT- 2/16/2007 01	
171901	JP-09-RB1	JET PUMP RISER BRACE PAD TO VESSEL WELD	AUG9-RB1	ACP1211.36	VT / BWRVIP-231 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
171911	BB1	JET PUMP #09	AUG9-BB1	GE-UT-504	UT / VE-07-042 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
171912	BB2	JET PUMP #09	AUG9-BB2	GE-UT-504	UT / VE-07-043 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
171919	BB3	JET PUMP #09	AUG9-BB3	GE-UT-504	UT / VE-07-044 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
171924	JP-09- WD1	JET PUMP #09	AUG9-WD1	ACP1211.36	VT / BWRVIP-020 / NRI	RPV	VS-11-01 SHT- 2/8/2007 01	

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420
2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324
3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
172001	JP-10-RB1	JET PUMP RISER BRACE PAD TO VESSEL WELD	AUG9-RB1	ACP1211.36	VT / BWRVIP-263 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
172011	BB1	JET PUMP #10	AUG9-BB1	GE-UT-504	UT / VE-07-045 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172012	BB2	JET PUMP #10	AUG9-BB2	GE-UT-504	UT / VE-07-046 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172018	BB3	JET PUMP #10	AUG9-BB3	GE-UT-504	UT / VE-07-047 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172024	JP-10- WD1	JET PUMP #10	AUG9-WD1	ACP1211.36	VT / BWRVIP-021 / NRI	RPV	VS-11-01 SHT- 2/8/2007 01	
172101	JP-11-RB1	JET PUMP RISER BRACE PAD TO VESSEL WELD	AUG9-RB1	ACP1211.36	VT / BWRVIP-206 / NRI	RPV	VS-11-01 SHT- 2/16/2007 01	
172103	JP-11-RB1b	JET PUMP #11	AUG9-RB1b	ACP1211.36	VT / BWRVIP-208 / NRI	RPV	VS-11-01 SHT- 2/16/2007 01	
172105	JP-11-RB1d	JET PUMP #11	AUG9-RB1d	ACP1211.36	VT / BWRVIP-209 / NRI	RPV	VS-11-01 SHT- 2/16/2007 01	
172108	JP-11-RB2b	JET PUMP #11	AUG9-RB2b	ACP1211.36	VT / BWRVIP-258 / NRI	RPV	VS-11-01 SHT- 2/16/2007 01	
172110	JP-11-RB2d	JET PUMP #11	AUG9-RB2d	ACP1211.36	VT / BWRVIP-259 / NRI	RPV	VS-11-01 SHT- 2/16/2007 01	
172111	BB1	JET PUMP #11	AUG9-BB1	GE-UT-504	UT / VE-07-048 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172112	BB2	JET PUMP #11	AUG9-BB2	GE-UT-504	UT / VE-07-049 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172118	JP-11-RS6	JET PUMP #11	AUG9-RS6	ACP1211.36	VT / BWRVIP-250 / NRI	RPV	VS-11-01 SHT- 2/20/2007 01	

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420

2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324

3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
172119	BB3	JET PUMP #11	AUG9-BB3	GE-UT-504	UT / VE-07-050 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172120	JP-11-12 RS8	JET PUMP RISER AT 252 DEG	AUG9-RS8	ACP1211.36	VT / BWRVIP-246 / NRI	RPV	VS-11-01 SHT- 2/20/2007 01	
172121	JP-11-12 RS9	JET PUMP RISER AT 252 DEG	AUG9-RS9	ACP1211.36	VT / BWRVIP-245 / NRI	RPV	VS-11-01 SHT- 2/20/2007 01	
172122	JP-11-IN4	JET PUMP #11	AUG9-IN4	ACP1211.36	VT / BWRVIP-251 / NRI	RPV	VS-11-01 SHT- 2/20/2007 01	
172123	JP-11-MX2	JET PUMP #11	AUG9-MX2	ACP1211.36	VT / BWRVIP-252 / NRI	RPV	VS-11-01 SHT- 2/20/2007 01	
172124	JP-11- WD1	JET PUMP #11	AUG9-WD1	ACP1211.36	VT / BWRVIP-026 / NRI	RPV	VS-11-01 SHT- 2/8/2007 01	
172125	JP-11-DF1	JET PUMP #11	AUG9-DF1	ACP1211.36	VT / BWRVIP-210 / NRI	RPV	VS-11-01 SHT- 2/17/2007 01	
172201	JP-12-RB1	JET PUMP RISER BRACE PAD TO VESSEL WELD	AUG9-RB1	ACP1211.36	VT / BWRVIP-254 / NRI	RPV	VS-11-01 SHT- 2/20/2007 01	
172202	JP-12-RB1a	JET PUMP #12	AUG9-RB1a	ACP1211.36	VT / BWRVIP-260 / NRI	RPV	VS-11-01 SHT- 2/16/2007 01	
172204	JP-12-RB1c	JET PUMP #12	AUG9-RB1c	ACP1211.36	VT / BWRVIP-227 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
172207	JP-12-RB2a	JET PUMP #12	AUG9-RB2a	ACP1211.36	VT / BWRVIP-228 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
172209	JP-12-RB2c	JET PUMP #12	AUG9-RB2c	ACP1211.36	VT / BWRVIP-229 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420

2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324

3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
172211	BB1	JET PUMP #12	AUG9-BB1	GE-UT-504	UT / VE-07-051 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172212	BB2	JET PUMP #12	AUG9-BB2	GE-UT-504	UT / VE-07-052 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172218	BB3	JET PUMP #12	AUG9-BB3	GE-UT-504	UT / VE-07-053 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172219	JP-12-RS7	JET PUMP #12	AUG9-RS7	ACP1211.36	VT / BWRVIP-223 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
172222	JP-12-IN4	JET PUMP #12	AUG9-IN4	ACP1211.36	VT / BWRVIP-253 / NRI	RPV	VS-11-01 SHT- 2/20/2007 01	
172223	JP-12-MX2	JET PUMP #12	AUG9-MX2	ACP1211.36	VT / BWRVIP-255 / NRI	RPV	VS-11-01 SHT- 2/20/2007 01	
172224	JP-12- WD1	JET PUMP #12	AUG9-WD1	ACP1211.36	VT / BWRVIP-044 / NRI	RPV	VS-11-01 SHT- 2/8/2007 01	
172225	JP-12DF1	JET PUMP #12	AUG9-DF1	ACP1211.36	VT / BWRVIP-201 / NRI	RPV	VS-11-01 SHT- 2/17/2007 01	
172311	BB1	JET PUMP #13	AUG9-BB1	GE-UT-504	UT / VE-07-054 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172312	BB2	JET PUMP #13	AUG9-BB2	GE-UT-504	UT / VE-07-055 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172319	BB3	JET PUMP #13	AUG9-BB3	GE-UT-504	UT / VE-07-056 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172324	JP-13-WD1	JET PUMP #13	AUG9-WD1	ACP1211.36	VT / BWRVIP-025 / NRI	RPV	VS-11-01 SHT- 2/8/2007 01	
172411	BB1	JET PUMP #14	AUG9-BB1	GE-UT-504	UT / VE-07-057 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420

2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324

3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
172412	BB2	JET PUMP #14	AUG9-BB2	GE-UT-504	UT / VE-07-058 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172418	BB3	JET PUMP #14	AUG9-BB3	GE-UT-504	UT / VE-07-059 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172424	JP-14-WD1	JET PUMP #14	AUG9-WD1	ACP1211.36	VT / BWRVIP-022 / NRI	RPV	VS-11-01 SHT- 2/8/2007 01	
172501	JP-15-RB1	JET PUMP RISER BRACE PAD TO VESSEL WELD	AUG9-RB1	ACP1211.36	VT / BWRVIP-239 / NRI	RPV	VS-11-01 SHT- 2/20/2007 01	
172503	JP-15-RB1b	JET PUMP #15	AUG9-RB1b	ACP1211.36	VT / BWRVIP-248 / NRI	RPV	VS-11-01 SHT- 2/20/2007 01	
172505	JP-15-RB1d	JET PUMP #15	AUG9-RB1d	ACP1211.36	VT / BWRVIP-129 / NRI	RPV	VS-11-01 SHT- 2/16/2007 01	
172508	JP-15-RB2b	JET PUMP #15	AUG9-RB2b	ACP1211.36	VT / BWRVIP-237 / NRI	RPV	VS-11-01 SHT- 2/19/2007 01	
172510	JP-15-RB2d	JET PUMP #15	AUG9-RB2d	ACP1211.36	VT / BWRVIP-238 / NRI	RPV	VS-11-01 SHT- 2/19/2007 01	
172511	BB1	JET PUMP #15	AUG9-BB1	GE-UT-504	UT / VE-07-060 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172512	BB2	JET PUMP #15	AUG9-BB2	GE-UT-504	UT / VE-07-061 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172515	JP-15-16 RS1	JET PUMP RISER AT 324 DEG	AUG9-RS1	ACP1211.36	VT / BWRVIP-261 / NRI	RPV	VS-11-01 SHT- 2/20/2007 01	
172516	JP-15-16 RS2	JET PUMP RISER AT 324 DEG	AUG9-RS2	ACP1211.36	VT / BWRVIP-240 / NRI	RPV	VS-11-01 SHT- 2/20/2007 01	

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420
2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324
3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
172517	JP-15-16 RS3	JET PUMP RISER AT 324 DEG	AUG9-RS3	ACP1211.36	VT / BWRVIP-214 / NRI	RPV	VS-11-01 SHT- 01	2/18/2007
172518	JP-15-RS6	JET PUMP #15	AUG9-RS6	ACP1211.36	VT / BWRVIP-213 / NRI	RPV	VS-11-01 SHT- 01	2/18/2007
172519	BB3	JET PUMP #15	AUG9-BB3	GE-UT-504	UT / VE-07-062 / Accept	RPV	VS-11-01 SHT- 01	2/18/2007
172520	JP-15-16 RS8	JET PUMP RISER AT 324 DEG	AUG9-RS8	ACP1211.36	VT / BWRVIP-241 / NRI	RPV	VS-11-01 SHT- 01	2/19/2007
172521	JP-15-16 RS9	JET PUMP RISER AT 324 DEG	AUG9-RS9	ACP1211.36	VT / BWRVIP-242 / NRI	RPV	VS-11-01 SHT- 01	2/19/2007
172522	JP-15-IN4	JET PUMP #15	AUG9-IN4	ACP1211.36	VT / BWRVIP-243 / NRI	RPV	VS-11-01 SHT- 01	2/20/2007
172523	JP-15-MX2	JET PUMP #15	AUG9-MX2	ACP1211.36	VT / BWRVIP-244 / NRI	RPV	VS-11-01 SHT- 01	2/20/2007
172524	JP-15-WD1	JET PUMP #15	AUG9-WD1	ACP1211.36	VT / BWRVIP-024 / NRI	RPV	VS-11-01 SHT- 01	2/8/2007
172525	JP-15-DF1	JET PUMP #15	AUG9-DF1	ACP1211.36	VT / BWRVIP-205 / NRI	RPV	VS-11-01 SHT- 01	2/17/2007
172526	JP-15-DF2	JET PUMP #15	AUG9-DF2	ACP1211.36	VT / BWRVIP-131 / NRI	RPV	VS-11-01 SHT- 01	2/16/2007
172527	JP-15-AD1	JET PUMP #15	AUG9-AD1	ACP1211.36	VT / BWRVIP-207 / NRI	RPV	VS-11-01 SHT- 01	2/16/2007
172528	JP-15-AD2	JET PUMP #15	AUG9-AD2	ACP1211.36	VT / BWRVIP-132 / NRI	RPV	VS-11-01 SHT- 01	2/16/2007
172601	JP-16-RB1	JET PUMP RISER BRACE PAD TO VESSEL WELD	AUG9-RB1	ACP1211.36	VT / BWRVIP-216 / NRI	RPV	VS-11-01 SHT- 01	2/18/2007

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
 Juno Beach, FL 33409-0420

2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
 Palo, IA 52324

3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
172602	JP-16-RB1a	JET PUMP #16	AUG9-RB1a	ACP1211.36	VT / BWRVIP-211 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
172604	JP-16-RB1c	JET PUMP #16	AUG9-RB1c	ACP1211.36	VT / BWRVIP-212 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
172607	JP-16-RB2a	JET PUMP #16	AUG9-RB2a	ACP1211.36	VT / BWRVIP-262 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
172609	JP-16-RB2c	JET PUMP #16	AUG9-RB2c	ACP1211.36	VT / BWRVIP-215 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
172611	BB1	JET PUMP #16	AUG9-BB1	GE-UT-504	UT / VE-07-063 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172612	BB2	JET PUMP #16	AUG9-BB2	GE-UT-504	UT / VE-07-064 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172618	BB3	JET PUMP #16	AUG9-BB3	GE-UT-504	UT / VE-07-065 / Accept	RPV	VS-11-01 SHT- 2/18/2007 01	
172619	JP-16-RS7	JET PUMP #16	AUG9-RS7	ACP1211.36	VT / BWRVIP-217 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
172622	JP-16-IN4	JET PUMP #16	AUG9-IN4	ACP1211.36	VT / BWRVIP-220 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
172623	JP-16-MX2	JET PUMP #16	AUG9-MX2	ACP1211.36	VT / BWRVIP-221 / NRI	RPV	VS-11-01 SHT- 2/18/2007 01	
172624	JP-16-WD1	JET PUMP #16	AUG9-WD1	ACP1211.36	VT / BWRVIP-023 / NRI	RPV	VS-11-01 SHT- 2/8/2007 01	
172625	JP-16-DF1	JET PUMP #16	AUG9-DF1	ACP1211.36	VT / BWRVIP-165 / NRI	RPV	VS-11-01 SHT- 2/17/2007 01	

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420
2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324
3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
172626	JP-16-DF2	JET PUMP #16	AUG9-DF2	ACP1211.36	VT / BWRVIP-166 / NRI	RPV	VS-11-01 SHT- 2/17/2007 01	
172627	JP-16-AD1	JET PUMP #16	AUG9-AD1	ACP1211.36	VT / BWRVIP-167 / NRI	RPV	VS-11-01 SHT- 2/17/2007 01	
172628	JP-16-AD2	JET PUMP #16	AUG9-AD2	ACP1211.36	VT / BWRVIP-164 / NRI	RPV	VS-11-01 SHT- 2/17/2007 01	
175301	SD-DC-V01	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-113 / RI (CAP047697)	RPV	APED-B11-036 2/12/2007	
175302	SD-DC-V02	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-077 / NRI	RPV	APED-B11-036 2/11/2007	
175303	SD-DC-V03	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-094 / RI (CAP047697)	RPV	APED-B11-036 2/11/2007	
175304	SD-DC-V04	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-064 / NRI	RPV	APED-B11-036 2/10/2007	
175305	SD-DC-V05	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-114 / RI (CAP047697)	RPV	APED-B11-036 2/12/2007	
175306	SD-DC-V06	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-100 / NRI	RPV	APED-B11-036 2/12/2007	
175307	SD-DC-V07	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-115 / NRI	RPV	APED-B11-036 2/12/2007	
175308	SD-DC-V08	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-119 / NRI	RPV	APED-B11-036 2/13/2007	
175309	SD-DC-V09	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-122 / RI (CAP047697)	RPV	APED-B11-036 2/12/2007	
175310	SD-DC-V10	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-121 / NRI	RPV	APED-B11-036 2/12/2007	

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
 Juno Beach, FL 33409-0420

2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
 Palo, IA 52324

3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
175311	SD-DC-V11	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-127 / NRI	RPV	APED-B11-036	2/9/2007
175312	SD-DC-V12	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-071 / NRI	RPV	APED-B11-036	2/9/2007
175313	SD-DC-V13	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-018 / NRI	RPV	APED-B11-036	2/8/2007
175314	SD-DC-V14	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-010 / NRI	RPV	APED-B11-036	2/8/2007
175315	SD-DC-V15	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-001 / NRI	RPV	APED-B11-036	2/6/2007
175316	SD-DC-V16	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-070 / RI (CAP047697)	RPV	APED-B11-036	2/10/2007
175320	SD-LL 30 DEG	STEAM DRY LIFT LUGS DEG	AUG9-DRY	ACP1211.36	VT / BWRVIP-095 / NRI	RPV	VS-07-01 SHT- 01	2/11/2007
175321	SD-LL 150 DEG	STEAM DRY LIFT LUGS DEG	AUG9-DRY	ACP1211.36	VT / BWRVIP-103 / NRI	RPV	VS-07-01 SHT- 01	2/11/2007
175322	SD-LL 210 DEG	STEAM DRY LIFT LUGS DEG	AUG9-DRY	ACP1211.36	VT / BWRVIP-056 / NRI	RPV	VS-07-01 SHT- 01	2/9/2007
175323	SD-LL 330 DEG	STEAM DRY LIFT LUGS DEG	AUG9-DRY	ACP1211.36	VT / BWRVIP-029 / NRI	RPV	VS-07-01 SHT- 01	2/6/2007
175330	SD-TIE BAR 1	STEAM DRYER TIE BAR	AUG9-DRY	ACP1211.36	VT / BWRVIP-111 / NRI	RPV	APED-B11-036	2/12/2007
175331	SD-TIE BAR 2	STEAM DRYER TIE BAR	AUG9-DRY	ACP1211.36	VT / BWRVIP-112 / NRI	RPV	APED-B11-036	2/12/2007

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420
2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324
3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
175332	SD-TIE BAR 3	STEAM DRYER TIE BAR	AUG9-DRY	ACP1211.36	VT / BWRVIP-110 / NRI	RPV	APED-B11-036	2/12/2007
175333	SD-TIE BAR 4	STEAM DRYER TIE BAR	AUG9-DRY	ACP1211.36	VT / BWRVIP-106 / NRI	RPV	APED-B11-036	2/12/2007
175334	SD-TIE BAR 5	STEAM DRYER TIE BAR	AUG9-DRY	ACP1211.36	VT / BWRVIP-105 / NRI	RPV	APED-B11-036	2/12/2007
175335	SD-TIE BAR 6	STEAM DRYER TIE BAR	AUG9-DRY	ACP1211.36	VT / BWRVIP-109 / NRI	RPV	APED-B11-036	2/12/2007
175336	SD-TIE BAR 7	STEAM DRYER TIE BAR	AUG9-DRY	ACP1211.36	VT / BWRVIP-107 / NRI	RPV	APED-B11-036	2/12/2007
175340	SD-UPPER SUPPORT RING 000- 090 DEG	UPPER SUPPORT RING	AUG9-DRY	ACP1211.36	VT / BWRVIP-289 / NRI	RPV	APED-B11-036	2/14/2007
175341	SD-UPPER SUPPORT RING 090- 180 DEG	UPPER SUPPORT RING	AUG9-DRY	ACP1211.36	VT / BWRVIP-292 / NRI	RPV	APED-B11-036	2/13/2007
175342	SD-UPPER SUPPORT RING 180- 270 DEG	UPPER SUPPORT RING	AUG9-DRY	ACP1211.36	VT / BWRVIP-118 / RI (CAP047697)	RPV	APED-B11-036	2/13/2007
175343	SD-UPPER SUPPORT RING 270-0 DEG	UPPER SUPPORT RING	AUG9-DRY	ACP1211.36	VT / BWRVIP-099 / RI (CAP047697)	RPV	APED-B11-036	2/11/2007
175343.(a)	SD-UPPER SUPPORT RING 270-0 DEG	UPPER SUPPORT RING	AUG9-DRY	ACP1211.36	VT / BWRVIP-116 / RI (CAP047697)	RPV	APED-B11-036	2/12/2007

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

**1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
 Juno Beach, FL 33409-0420**

**2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
 Palo, IA 52324**

3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
175401	SD-R1	STEAM DRYER COVER PLATE	AUG9-DRY	ACP1211.36	VT / BWRVIP-082 / NRI	RPV	APED-B11-036	2/10/2007
175402	SD-R2	STEAM DRYER COVER PLATE	AUG9-DRY	ACP1211.36	VT / BWRVIP-098 / RI (CAP047697)	RPV	APED-B11-036	2/10/2007
175403	SD-C-1	STEAM DRYER MANWAY COVER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-058 / NRI	RPV	APED-B11-036	2/9/2007
175410	SD-DE-V03	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-043 / NRI	RPV	APED-B11-036	2/9/2007
175411	SD-DE-V04	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-041 / NRI	RPV	APED-B11-036	2/8/2007
175412	SD-DE-H03	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-042 / NRI	RPV	APED-B11-036	2/8/2007
175413	SD-DE-H04	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-016 / NRI	RPV	APED-B11-036	2/8/2007
175414	SD-CE-V03	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-006 / NRI	RPV	APED-B11-036	2/8/2007
175415	SD-CE-V04	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-008 / NRI	RPV	APED-B11-036	2/8/2007
175416	SD-CE-H03	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-003 / NRI	RPV	APED-B11-036	2/7/2007
175417	SD-CE-H04	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-007 / NRI	RPV	APED-B11-036	2/8/2007
175418	SD-BE-V01	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-079 / NRI	RPV	APED-B11-036	2/11/2007

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

**1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420**
**2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324**
3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A
5. Commercial Service Date: 02/01/1975
6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
175419	SD-BE-V02	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-080 / NRI	RPV	APED-B11-036	2/10/2007
175420	SD-BE-H01	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-078 / NRI	RPV	APED-B11-036	2/11/2007
175421	SD-BE-H02	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-059 / NRI	RPV	APED-B11-036	2/10/2007
175422	SD-AE-V01	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-053 / NRI	RPV	APED-B11-036	2/9/2007
175423	SD-AE-V02	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-054 / NRI	RPV	APED-B11-036	2/9/2007
175424	SD-AE-H01	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-060 / NRI	RPV	APED-B11-036	2/10/2007
175425	SD-AE-H02	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-052 / NRI	RPV	APED-B11-036	2/9/2007
175426	SD-AH-V01	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-084 / NRI	RPV	APED-B11-036	2/10/2007
175427	SD-AH-V02	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-085 / NRI	RPV	APED-B11-036	2/10/2007
175428	SD-AH-H01	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-050 / NRI	RPV	APED-B11-036	2/9/2007
175429	SD-AH-H02	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-051 / NRI	RPV	APED-B11-036	2/9/2007
175430	SD-AE-V03	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-083 / NRI	RPV	APED-B11-036	2/10/2007
175431	SD-AE-V04	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-063 / NRI	RPV	APED-B11-036	2/10/2007

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420
2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324
3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
175432	SD-AE-H03	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-062 / NRI	RPV	APED-B11-036	2/10/2007
175433	SD-AE-H04	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-055 / NRI	RPV	APED-B11-036	2/9/2007
175434	SD-BE-V03	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-092 / NRI	RPV	APED-B11-036	2/11/2007
175435	SD-BE-V04	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-091 / NRI	RPV	APED-B11-036	2/11/2007
175436	SD-BE-H03	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-093 / NRI	RPV	APED-B11-036	2/11/2007
175437	SD-BE-H04	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-076 / NRI	RPV	APED-B11-036	2/11/2007
175438	SD-CE-V01	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-066 / NRI	RPV	APED-B11-036	2/10/2007
175439	SD-CE-V02	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-068 / NRI	RPV	APED-B11-036	2/10/2007
175440	SD-CE-H01	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-067 / NRI	RPV	APED-B11-036	2/10/2007
175441	SD-CE-H02	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-065 / NRI	RPV	APED-B11-036	2/10/2007
175442	SD-DE-V01	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-013 / NRI	RPV	APED-B11-036	2/8/2007
175443	SD-DE-V02	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-040 / NRI	RPV	APED-B11-036	2/8/2007

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420
2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324
3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
175444	SD-DE-H01	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-014 / NRI	RPV	APED-B11-036	2/8/2007
175445	SD-DE-H02	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-012 / NRI	RPV	APED-B11-036	2/8/2007
175450	SD-DH-V01	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-047 / NRI	RPV	APED-B11-036	2/9/2007
175451	SD-DH-V02	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-046 / NRI	RPV	APED-B11-036	2/9/2007
175452	SD-DH-H01	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-049 / NRI	RPV	APED-B11-036	2/9/2007
175453	SD-DH-H02	STEAM DRYER WELD	AUG9-DRY	ACP1211.36	VT / BWRVIP-015 / NRI	RPV	APED-B11-036	2/8/2007
175604	TGG (14-19)	TOP GUIDE	AUG9-TG	ACP1211.36	VT / BWRVIP-177 / NRI	RPV	VS-04-01 SHT- 01	2/18/2007
175606	TGG (30-19)	TOP GUIDE	AUG9-TG	ACP1211.36	VT / BWRVIP-179 / NRI	RPV	VS-04-01 SHT- 01	2/18/2007
175607	TGG (30-27)	TOP GUIDE	AUG9-TG	ACP1211.36	VT / BWRVIP-180 / NRI	RPV	VS-04-01 SHT- 01	2/18/2007
175608	TGG (14-27)	TOP GUIDE	AUG9-TG	ACP1211.36	VT / BWRVIP-178 / NRI	RPV	VS-04-01 SHT- 01	2/18/2007
175800	SD-ACCESS	ACCESS OPENING AT 40 DEG OPENING 040 DEG	AUG9-DRY	ACP1211.36	VT / BWRVIP-096 / RI (CAP047697)	RPV	APED-B11-036	2/11/2007

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420
2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324
3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
175801	SD-ACCESS	ACCESS OPENING AT 140 DEG OPENING 140 DEG	AUG9-DRY	ACP1211.36	VT / BWRVIP-102 / RI (CAP047697)	RPV	APED-B11-036	2/11/2007
175802	SD-ACCESS	ACCESS OPENING AT 220 DEG OPENING 220 DEG	AUG9-DRY	ACP1211.36	VT / BWRVIP-072 / RI (CAP047697)	RPV	APED-B11-036	2/10/2007
175803	SD-ACCESS	ACCESS OPENING AT 320 DEG OPENING 320 DEG	AUG9-DRY	ACP1211.36	VT / BWRVIP-075 / RI (CAP047697)	RPV	APED-B11-036	2/10/2007
Class 1	Category AUG-GL							
101750	RSB-J004	90 DEGREE LONG RADIUS ELBOW - PIPE	87-11	ACP1211.19	UT / UT-07-121, 122 / Accept	RS	1.2-18 SHT-01	2/24/2007
101850	RSB-J006	CONTROL VALVE CHECK - 90 DEGREE LONG RADIUS ELBOW	87-11	ACP1211.19	UT / UT-07-123, 124 / Accept	RS	1.2-18 SHT-01	2/24/2007
76050	CUB-J001	PIPE - TEE	87-11	ACP1211.19	UT / UT-07-105, 106 / Accept	CU	1.2-11B SHT- 01	2/24/2007
76150	CUB-J002	CHECK - PIPE	87-11	ACP1211.19	UT / UT-07-125, 126 / Accept	CU	1.2-11B SHT- 01	2/24/2007
Class 1	Category AUG-NRG							
103010	RCA-F002	NOZZLE - SAFEEND	0313C-D	ACP1211.38	UT / UT-07-144 / Accept	RC	1.2-19A SHT- 01	2/26/2007
104410	RCA-J005B	PIPE-CAP	0313C-D	ACP1211.20	UT / UT-07-104, 103 / Accept	RC	1.2-19A SHT- 01	2/24/2007
108500	RCA-J034	BRANCH CONNECTION - WELDOLET	0313C-D	ACP1211.20	UT / UT-07-093 / Accept	RC	1.2-19A SHT- 01	2/8/2007

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
 Juno Beach, FL 33409-0420
 2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
 Palo, IA 52324
 3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
109800	RCA-J043	TEE - PIPE CROSS	0313B-C	ACP1211.20	UT / UT-07-035, 036 / Accept	RC	1.2-19A SHT-01	2/15/2007
112600	RBA-J006	PIPE - TEE	0313C-D	ACP1211.20	UT / UT-07-085, 086 / Accept	RB	1.2-19A SHT-01	2/20/2007
119610	RRE-F002	SAFEEND - NOZZLE	0313C-D	Zetec_OmniSc anPA_03 ACP1211.38	UT / VE-07-005 / Accept UT / UT-07-083 / Accept	RR	1.2-20 SHT-01	2/10/2007
122610	RRG-F002	SAFEEND - NOZZLE	0313C-D	Zetec_OmniSc anPA_03 ACP1211.38	UT / VE-07-010 / Accept UT / UT-07-099 / Accept	RR	1.2-20 SHT-01	2/21/2007
124110	RRH-F002	SAFEEND - NOZZLE	0313C-D	ACP1211.38	UT / UT-07-084 / Accept	RR	1.2-20 SHT-01	2/19/2007
126110	RCB-F002	NOZZLE - SAFEEND	0313C-D	Zetec_OmniSc anPA_03 ACP1211.38	UT / VE-07-007 / Accept / UT-07-145 / Accept	UT RC	1.2-21A SHT-01	2/27/2007
142710	RRA-F002	SAFEEND - NOZZLE	0313C-D	ACP1211.38 Zetec_OmniSc anPA_03	UT / UT-07-027 / Accept / VE-07-002 / Accept	UT RR	1.2-22 SHT-01	2/11/2007
145300	RRB-J005	PIPE - 90 DEGREE LONG RADIUS ELBOW	0313B-C	ACP1211.20	UT / UT-07-005, 006 / Accept	RR	1.2-22 SHT-01	2/6/2007
145910	RRC-F002	SAFEEND - NOZZLE	0313C-D	Zetec_OmniSc anPA_03 ACP1211.38	UT / VE-07-014 / Reject (See NIS-2 20-07-49) UT / UT-07-148 / Accept	RR	1.2-22 SHT-01	2/19/2007
168405	FWB at 6 DEG	FEEDWATER BRACKET	0619	ACP1211.36	VT / BWRVIP-313 / RI (CAP047394)	RPV	VS-09-01 SHT-01	2/15/2007
168410	FWB at 84 DEG	FEEDWATER BRACKET	0619	ACP1211.36	VT / BWRVIP-316 / NRI	RPV	VS-09-01 SHT-01	2/15/2007

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420

2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324

3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
168415	FWB at 96 DEG	FEEDWATER BRACKET	0619	ACP1211.36	VT / BWRVIP-311 / RI (CAP047394)	RPV	VS-09-01 SHT- 01	2/15/2007
168420	FWB at 174 DEG	FEEDWATER BRACKET	0619	ACP1211.36	VT / BWRVIP-308 / RI (CAP047394)	RPV	VS-09-01 SHT- 01	2/14/2007
168425	FWB at 186 DEG	FEEDWATER BRACKET	0619	ACP1211.36	VT / BWRVIP-306 / RI (CAP047394)	RPV	VS-09-01 SHT- 01	2/14/2007
168430	FWB at 264 DEG	FEEDWATER BRACKET	0619	ACP1211.36	VT / BWRVIP-303 / RI (CAP047394)	RPV	VS-09-01 SHT- 01	2/14/2007
168435	FWB at 276 DEG	FEEDWATER BRACKET	0619	ACP1211.36	VT / BWRVIP-297 / RI (CAP047394)	RPV	VS-09-01 SHT- 01	2/14/2007
168440	FWB at 354 DEG	FEEDWATER BRACKET	0619	ACP1211.36	VT / BWRVIP-301 / RI (CAP047394)	RPV	VS-09-01 SHT- 01	2/14/2007
168445	T-Box to Spgr Weld at 45 DEG	FEEDWATER BRACKET	0619	ACP1211.36	VT / BWRVIP-315 / NRI	RPV	VS-09-01 SHT- 01	2/15/2007
168450	T-Box to Spgr Weld at 135 DEG	FEEDWATER BRACKET	0619	ACP1211.36	VT / BWRVIP-310 / NRI	RPV	VS-09-01 SHT- 01	2/15/2007
168455	T-Box to Spgr Weld at 225 DEG	FEEDWATER BRACKET	0619	ACP1211.36	VT / BWRVIP-305 / NRI	RPV	VS-09-01 SHT- 01	2/14/2007
168460	T-Box to Spgr Weld at 315 DEG	FEEDWATER BRACKET	0619	ACP1211.36	VT / BWRVIP-299 / NRI	RPV	VS-09-01 SHT- 01	2/14/2007
168480	FW Inner Rad at 315 DEG	FEEDWATER BRACKET	0619	ACP1211.36	VT / BWRVIP-300 / NRI	RPV	VS-09-01 SHT- 01	2/14/2007

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420

2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324

3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
5210	FWA-BORE	NOZZLE BORE (ZONE 3)	0619	ACP1211.44	UT / UT-07-054 / Accept	FW	1.2-05 SHT-01	2/13/2007
5500	FWA-NOZZLE	NOZZLE (ZONES 1 AND 2)	0619	ACP1211.44	UT / UT-07-049 / Accept	FW	1.2-05 SHT-01	2/13/2007
5600	FWA-THERM SLEV	THERMAL SLEEVE WELD	0619	ACP1211.43	UT / UT-07-050, 051 / Accept	FW	1.2-05 SHT-01	2/16/2007
61100	CSA-F002	SAFEEND - NOZZLE	0313D	Zetec_OmniSc anPA_03	UT / VE-07-009 / Accept ACP 07-146 / Accept 1211.38	UT- CS	1.2-07 SHT-01	2/27/2007
64400	CSB-F002	SAFEEND - NOZZLE	0313D	ACP1211.38 Zetec_OmniSc	UT / UT-07-082 / Accept UT / VE-07-004 / Accept anPA_03	CS	1.2-08 SHT-01	2/17/2007
64600	CSB-F002A	SAFEEND - S/E Extension	0313D	ACP1211.38	UT / UT-07-113, 115, 117, 120 / Accept	CS	1.2-08 SHT-01	2/18/2007
64800	CSB-F004	PIPE - PIPE	0313D	ACP1211.38	UT / UT-07-127, 128, 129, 130 / Accept	CS	1.2-08 SHT-01	2/18/2007
65000	CSB-J003	PIPE - S.E. EXTENSION	0313D	ACP1211.20	UT / UT-07-087, 088 / Accept	CS	1.2-08 SHT-01	2/18/2007
71200	CUA-J001	WELDOLET - PIPE	0313D	ACP1211.20	UT / UT-07-038, 039 / Accept	CU	1.2-11A SHT-01	2/14/2007
72000	CUA-J006	90 DEGREE LONG RADIUS ELBOW - PIPE	0313D	ACP1211.20	UT / UT-07-040, 041 / Accept	CU	1.2-11A SHT-01	2/14/2007
72300	CUA-J009	PIPE - 45 DEGREE ELBOW	0313D	ACP1211.20	UT / UT-07-042, 043 / Accept	CU	1.2-11A SHT-01	2/14/2007
72500	CUA-J010	45 DEGREE ELBOW - MOTOR OPERATED GATE	0313D	ACP1211.20	UT / UT-07-025, 026 / Accept	CU	1.2-11A SHT-01	2/8/2007

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420
2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324
3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A
5. Commercial Service Date: 02/01/1975
6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
72700	CUA-J012	MOTOR OPERATED GATE - 90 DEGREE LONG RADIUS ELBOW	0313D	ACP1211.20	UT / UT-07-023, 024 / Accept	CU	1.2-11A SHT- 01	2/8/2007
72900	CUA-J013	90 DEGREE LONG RADIUS ELBOW - PIPE	0313D	ACP1211.20	UT / UT-07-021, 022 / Accept	CU	1.2-11A SHT- 01	2/8/2007
73100	CUA-J014	PIPE - 90 DEGREE LONG RADIUS ELBOW	0313D	ACP1211.20	UT / UT-07-019, 020 / Accept	CU	1.2-11A SHT- 01	2/8/2007
73300	CUA-J015	90 DEGREE LONG RADIUS ELBOW - PIPE	0313D	ACP1211.20	UT / UT-07-017, 018 / Accept	CU	1.2-11A SHT- 01	2/8/2007
73500	CUA-J017	PIPE - 90 DEGREE LONG RADIUS ELBOW	0313D	ACP1211.20	UT / UT-07-016, 015 / Accept	CU	1.2-11A SHT- 01	2/8/2007
73700	CUA-J018	90 DEGREE LONG RADIUS ELBOW - PIPE	0313D	ACP1211.20	UT / UT-07-013, 014 / Accept	CU	1.2-11A SHT- 01	2/8/2007
73900	CUA-J019	PIPE - 45 DEGREE ELBOW	0313D	ACP1211.20	UT / UT-07-011, 012 / Accept	CU	1.2-11A SHT- 01	2/8/2007
74100	CUA-J020	45 DEGREE ELBOW - 90 DEGREE LONG RADIUS ELBOW	0313D	ACP1211.20	UT / UT-07-010, 009 / Accept	CU	1.2-11A SHT- 01	2/8/2007
74300	CUA-J021	90 DEGREE LONG RADIUS ELBOW - PIPE	0313D	ACP1211.20	UT / UT-07-036, 037 / Accept	CU	1.2-11A SHT- 01	2/16/2007
74500	CUA-J023	PIPE -PIPE	0313D	ACP1211.20	UT / UT-07-007, 008 / Accept	CU	1.2-11A SHT- 01	2/8/2007
74700	CUA-J024	PIPE - MOTOR OPERATED GATE	0313D	ACP1211.20	UT / UT-07-030, 031 / Accept	CU	1.2-11A SHT- 01	2/12/2007
92800	RHC-F002	PIPE	0313C	ACP1211.38	UT / UT-07-089, 090, 091, 092 / RH Accept		1.2-15 SHT-01	2/15/2007

Class 1 Category AUG-VIP

ENCLOSURE 3
AUGMENTED INSPECTION RESULTS
Interval 4, Period 1, RFO-20

1. Owner: FPL Energy Duane Arnold LLC, PO Box 14000
Juno Beach, FL 33409-0420
2. Plant: Duane Arnold Energy Center, 3277 DAEC Road,
Palo, IA 52324
3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A

5. Commercial Service Date: 02/01/1975

6. National Board Number for Unit: N/A

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
175050		SHD-H-8 & H REACTOR VESSEL SHROUD LEDGE	IVI-3-9	ACP1211.36	VT / BWRVIP-264 / NRI	RPV	VS-02-11 SHT-01	2/20/2007
Class C	Category AUG							
501675	TORUS SUPPORT #13	TORUS SUPPORT BETWEEN BAYS 13 & VOL 14		ACP1211.18	VT / VT-07-006 / Accept	TC	5.1-02 (2)	1/9/2007
501680	TORUS SUPPORT #14	TORUS SUPPORT BETWEEN BAYS 14 & VOL 15		ACP1211.18	VT / VT-07-007 / Accept	TC	5.1-02 (2)	1/9/2007
501682	EARTH QUAKE TIE #4	EARTH QUAKE TIE (BAY 15)	VOL	ACP1211.18	VT / VT-07-040 / Accept	TC	5.1-02	2/18/2007
501685	TORUS SUPPORT #15	TORUS SUPPORT BETWEEN BAYS 15 & VOL 16		ACP1211.18	VT / VT-07-008 / Accept	TC	5.1-02 (2)	1/9/2007
501690	TORUS SUPPORT #16	TORUS SUPPORT BETWEEN BAYS 16 & VOL 1		ACP1211.18	VT / VT-07-009 / Accept	TC	5.1-02 (2)	1/9/2007
Class N	Category AUG							
357600	1R-001A	ACCUMULATOR TANK (INSIDE	N/A	ACP1211.10	VT / VE-07-015 / Accept	MS	M048-001	2/21/2007
359000	1T-115B	NORMAL START AIR RECEIVER TANK	N/A	ACP1211.10	VT / VT-07-005 / Accept	DAS	M15-58-1	12/20/2006