

## INSERVICE INSPECTION SUMMARY REPORT

Report Date: July 24, 1996

Refueling Outage: D2R14

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450

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| Approved By: $\int 00000000000000000000000000000000000$                           | _  |

June, 1995 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 06-09-72

## Section I

The fourteenth Inservice Inspection (ISI) of Dresden Unit 2 was performed during the Spring Refueling Outage, which lasted from June 5, 1995 to April 25, 1996. This was the only outage during the first inspection period of the unit's 3rd 10-year ISI Inspection Interval which commenced on March 1, 1992. The period was extended one full year as allowed by ASME Section XI IWB-2412(b) and extended an additional 325 days as allowed by ASME Section XI IWA-2430(e). The first period end date is now January 19,1997.

Raytheon was contracted to perform the non-destructive examinations and VECTRA was contracted to perform the visual examinations during the refuel outage. Personnel from Commonwealth Edison's System Materials Analysis Department (SMAD) participated in the inspection to advise on technical problems, perform certain examinations, review examination results, and evaluate indications.

The Authorized Nuclear Inservice Inspector's (ANII) services were provided by Hartford Steam Boiler Inspection and Insurance Company (HSB). The ANII reviewed procedures, personnel qualifications, instrument and material certifications, and examination results.

All examinations were performed in accordance with the Unit 2 Technical Specifications, the ASME Boiler and Pressure Vessel Code, Section XI, 1989 Edition, and Generic Letter 88-01.

A list of abbreviations used throughout this report can be found in Section IV of this report.

### FORM NIS-1 OWNERS REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules

| 1. | Owner Commonwealth Edison Co., One First National Plaza, PO Box 767, Chicago, IL 60690 .  (Name and Address of Owner) |
|----|---|
| 2. | Plant Dresden Nuclear Power Station, 6500 N. Dresden Road, Morris, IL 60450 (Name and Address of Owner)               |
| з. | Plant Unit 2 4. Owner Certificate of Authorization (if required)N/A   |
| 5. | Commercial Service Date 06/09/72 6. National Board Number for Unit N-137  |
| 7. | Components Inspected  |

| Component or<br>Appurtenance | Manufacturer<br>or Installer            | Manufacturer<br>or Installer<br>Serial No. | State or<br>Province No. | National<br>Board No. |  |  |
|------------------------------|---|--|--------------------------|-----------------------|--|--|
| Class 162<br>Systems         | Babcock & Wilcox Co.<br>Barberton, Ohio | 610-0098                                   | B0082800                 | N-137                 |  |  |
|                              |   |  |                          |                       |  |  |
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|                              |   |  |                          |                       |  |  |

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½in. 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.

This Form (E00029) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

#### FORM NIS-1 (Back)

June, 1995 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 06-09-72

## Section II Scope of Inspection

#### **Abstract of Examinations**

#### ISI and Augmented Examinations - Table A

Table A contains a list of components examined during D2R14 to satisfy the requirements of ASME Section XI and Generic Letter 88-01. Those items which were examined that required no further evaluation are identified as acceptable. Those items that required further evaluation are discussed in Section III.

#### Expansions - Table B

Table B contains a list of components examined in accordance with IWB-2430, IWC-2430, and IWF-2430. Those items which were examined that required no further evaluation are identified as acceptable. Those items that required further evaluation are discussed in Section III.

#### Reinspections - Table C

Table C contains a list of components examined in accordance with IWB-2420, IWC-2420, and IWF-2420. Those items which were examined that required no further evaluation are identified as acceptable. Those items that required further evaluation are discussed in Section III.

#### Summary of Vessel Interior Examinations - Attachment A

Attachment A contains a summary of examinations performed to satisfy the requirements of ASME Section XI categories BN1, BN2, and various special examination requirements. Details of the examinations, results, and corrective measures are included.

# Section II Scope of Inspection

| Category | Item   | Augment | System | Line       | Component  | Type    | Exam | Credit | Results         |
|----------|--------|---------|--------|------------|------------|---------|------|--------|-----------------|
| BA       | B1.21  | N/A     | RPV    | RPV UPP HD | 2-THD-DA   | CIRC    | UT   | ΧI     | Acceptable      |
| BA       | B1.21  | N/A     | RPV    | RPV UPP HD | 2-THD-DA   | CIRC    | UT   | XI     | Acceptable      |
| BA       | B1.21  | N/A     | RPV    | RPV UPP HD | 2-THD-DC   | CIRC    | UT   | ΧI     | Acceptable      |
| BA       | B1,22  | N/A     | RPV    | RPV UPP HD | 2-THD-M1   | MERID   | UT   | ΧI     | Acceptable      |
| BA       | B1.22  | N/A     | RPV    | RPV UPP HD | 2-THD-M2   | MERID   | UT   | ΧI     | Acceptable      |
| BA       | B1.22  | N/A     | RPV    | RPV UPP HD | 2-THD-M3   | MERID   | UT   | ΧI     | Acceptable      |
| BA       | B1.40  | N/A     | RPV    | RPV UPP HD | 2-THD-FLGA | THD-FLG | MT   | XI     | Acceptable      |
|          |        |         |        |            |            |         | UT   | ΧI     | •               |
| BA       | B1.40  | N/A     | RPV    | RPV UPP HD | 2-THD-FLGB | THD-FLG | MT   | ΧI     | See Section III |
|          |        |         |        |            |            |         | UT   | XI     |                 |
| BA       | B1.40  | N/A     | RPV    | RPV UPP HD | 2-THD-FLGC | THD-FLG | MT   | ΧI     | Acceptable      |
|          |        |         |        |            |            |         | UT   | ΧI     |                 |
| BD       | B3.100 | N/A     | RPV    | RPV LWR HD | N12-1      | NIR     | VT-2 | ΧI     | Acceptable      |
| BD       | B3.100 | N/A     | RPV    | RPV SHELL  | N19B-1     | NIR     | UT   | ΧI     | Acceptable      |
| BD       | B3.100 | N/A     | RPV    | RPV SHELL  | N1A-1      | NIR     | UT   | ΧI     | Acceptable      |
| BD       | B3.100 | N/A     | RPV    | RPV SHELL  | N20A-1     | NIR     | UT   | ΧI     | Acceptable      |
| BD       | B3.100 | N/A     | RPV    | RPV SHELL  | N2A-1      | NIR     | UT   | ΧI     | Acceptable      |
| BD       | B3.100 | N/A     | RPV    | RPV SHELL  | N2B-1      | NIR     | UT   | ΧI     | Acceptable      |
| BD       | B3.100 | N/A     | RPV    | RPV SHELL  | N2C-1      | NIR     | UT   | ΧI     | Acceptable      |
| BD       | B3.100 | N/A     | RPV    | RPV SHELL  | N2D-1      | NIR     | UT   | ΧI     | Acceptable      |
| BD       | B3.100 | N/A     | RPV    | RPV SHELL  | N2E-1      | NIR     | UT   | ΧI     | Acceptable      |
| BD       | B3,100 | N/A     | RPV    | RPV SHELL  | N2F-1      | NIR     | UT   | ΧI     | Acceptable      |
| BD       | B3.100 | N/A     | RPV    | RPV SHELL  | N5B-1      | NIR     | UT   | ΧI     | Acceptable      |
| BD       | B3.90  | N/A     | RPV    | RPV SHELL  | N19B-2     | NOZ-RPV | UT   | ΧI     | Acceptable      |
| BD       | B3.90  | N/A     | RPV    | RPV SHELL  | N1A-2      | RPV-NOZ | UT   | ΧI     | Acceptable      |
| BD       | B3.90  | N/A     | RPV    | RPV SHELL  | N20A-2     | RPV-NOZ | UT   | ΧI     | Acceptable      |
| BD       | B3.90  | N/A     | RPV    | RPV SHELL  | N2A-2      | NOZ-RPV | UΤ   | ΧI     | Acceptable      |
| BD       | B3.90  | N/A     | RPV    | RPV SHELL  | N2B-2      | NOZ-RPV | UT   | ΧI     | Acceptable      |
| BD       | B3.90  | N/A     | RPV    | RPV SHELL  | N2C-2      | NOZ-RPV | UT   | ΧI     | Acceptable      |
| BD       | B3.90  | N/A     | RPV    | RPV SHELL  | N2D-2      | NOZ-RPV | UT   | ΧI     | Acceptable      |
| BD       | B3.90  | N/A     | RPV    | RPV SHELL  | N2E-2      | NOZ-RPV | UT   | XI     | Acceptable      |
| BD       | B3.90  | N/A     | RPV    | RPV SHELL  | N2F-2      | NOZ-RPV | UT   | ΧI     | Acceptable      |
| BD       | B3.90  | N/A     | RPV    | RPV SHELL  | N5B-2      | RPV-NOZ | UT   | ΧI     | Acceptable      |
| BE       | B4.11  | N/A     | RPV    | RPV SHELL  | N13A-2     | RPV-NOZ | VT-2 | XI     | Acceptable      |
| BE       | B4.11  | N/A     | RPV    | RPV SHELL  | N13B-2     | RPV-NOZ | VT-2 | XI     | Acceptable      |
| BE       | B4.11  | N/A     | RPV    | RPV SHELL  | N16A-2     | RPV-NOZ | VT-2 | ΧI     | Acceptable      |
| BE       | B4.11  | N/A     | RPV    | RPV SHELL  | N16B-2     | RPV-NOZ | VT-2 | XI     | Acceptable      |
| BE       | B4.11  | N/A     | RPV    | RPV UPP HD | N7-2       | RPV-NOZ | VT-2 | XI     | Acceptable      |

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# Section II Scope of Inspection

| Category | ltem            | Augment   | System | Line           | Component      | Туре     | Exam     | Credit     | Results    |
|----------|-----------------|-----------|--------|----------------|----------------|----------|----------|------------|------------|
| BE       | B4.12           | N/A       | RPV    | RPV LWR HD     | A11-0243-1     | RPV-SL   | VT-2     | ΧI         | Acceptable |
| BE       | B4.12           | N/A       | RPV    | RPV LWR HD     | A5-0219-1      | RPV-SL   | VT-2     | ΧI         | Acceptable |
| BE       | B4.12           | N/A       | RPV    | RPV LWR HD     | CRD NOZ (177)  | RPV-NOZ_ | _VT-2_   |            | Acceptable |
| _ — –BE  | B4:12           | N/A       | - RPV  | RPV LWR HD     | E1-1803-1      | RPV-SL   | VT-2     | ΧI         | Acceptable |
| BE       | B4.12           | N/A       | RPV    | RPV LWR HD     | E15-1859-1     | RPV-SL   | VT-2     | ΧI         | Acceptable |
| BE       | B4.12           | N/A       | RPV    | RPV LWR HD     | L1-4203-1      | RPV-SL   | VT-2     | ΧI         | Acceptable |
| BE       | B4.12           | N/A       | RPV    | RPV LWR HD     | L15-4259-1     | RPV-SL   | VT-2     | ΧI         | Acceptable |
| BE       | B4.12           | N/A       | RPV    | RPV LWR HD     | R11-5843-1     | RPV-SL   | VT-2     | XI         | Acceptable |
| BE       | B4.12           | N/A       | RPV    | RPV LWR HD     | R5-5819-1      | RPV-SL   | VT-2     | ΧI         | Acceptable |
| BE       | B4.13           | N/A       | RPV    | RPV LWR HD     | INSTR NOZ (71) | RPV-NOZ  | VT-2     | ΧI         | Acceptable |
| BF       | B5.10           | GL88-01 D | JPIA   | JPIA           | N20A-3         | NOZ-SE   | PT<br>UT | XI<br>XI88 | Acceptable |
| BF       | B5.10           | GL88-01 D | RHS    | 0304-6         | N18A-3         | SE-NOZ   | UT       | 88         | Acceptable |
| BF       | B5.10           | GL88-01 C | RRAD   | 0201H-12       | N2A-3          | SE-NOZ   | PT       | ΧI         | Acceptable |
|          |                 |           |        |                |                |          | UT       | XI88       |            |
| BF       | B5.10           | GL88-01 C | RRAD   | 0201J-12       | N2B-3          | SE-NOZ   | PT       | ΧI         | Acceptable |
|          |                 |           |        |                |                |          | UT       | XI88       |            |
| BF       | B5.10           | GL88-01 D | RRAD   | 0201K-12       | N2C-3          | SE-NOZ   | PT       | XI         | Acceptable |
|          |                 |           |        |                |                |          | UT       | XI88       |            |
| BF       | B5.10           | GL88-01 C | RRAD   | 0201L-12       | N2D-3          | SE-NOZ   | PT       | XI         | Acceptable |
| BF       | B5.10           | GL88-01 D | RRBD   | 0201C-12       | N2F-3          | SE-NOZ   | UT<br>PT | XI88<br>XI | Accortable |
| DI.      | 65.10           | G100-01 D | KKDD   | 0201C-12       | N2F-3          | SE-NOZ   | UT       | XI88       | Acceptable |
| BF       | B5.10           | GL88-01 C | RRBD   | 0201D-12       | N2G-3          | SE-NOZ   | PT       | XI         | Acceptable |
| Di       | DO.10           | 0100 01 0 | KKDD   | 0201B-12       | 1120-0         | 02-1102  | UT       | XI88       | Acceptable |
| BF       | B5.10           | GL88-01 D | RRBD   | 0201E-12       | N2H-3          | SE-NOZ   | UT       | 88         | Acceptable |
| BF       | B5.10           | GL88-01 D | RRBS   | 0202B-28       | N1B-3          | NOZ-SE   | UT       | 88         | Acceptable |
| BF       | B5.130          | GL88-01 A | CSBD   | 1404-10        | S-67           | P-P      | PT       | Χt         | Acceptable |
|          |                 |           |        |                |                |          | UT       | X188       | •          |
| BF       | B5.130          | GL88-01 A | CSBD   | 1404-10        | W-15           | EL-VLV   | PT       | ΧI         | Acceptable |
|          |                 |           |        |                |                |          | UT       | XI88       |            |
| BF       | B5.130          | GL88-01 A | CSBD   | 1404-10        | W-16           | VLV-P    | PT       | ΧI         | Acceptable |
|          |                 |           |        |                |                |          | UT       | XI88       |            |
| BF       | B5.130          | GL88-01 D | RHV    | 0215-4         | 4-1            | FLG-P    | UT       | 88         | Acceptable |
| BF       | B5.130          | GL88-01 A | SDC    | 1001A-16       | 16-9(A)        | VLV-EL   | PT       | BL         | Acceptable |
|          | DE 40-          | 010001    | •••    | 40045 40       | 40.4440        | \#\\=    | UT       | BL         |            |
| BF       | B5.130          | GL88-01 A | SDC    | 1001B-16       | 16-11(A)       | VLV-P    | PT       | BL         | Acceptable |
| DE.      | B5,150          | NI/A      | RVBD   | 0207-2         | 2-5            | SWE-P    | UT<br>PT | BL<br>XI   | Acceptable |
| BF<br>BF | B5.150<br>B5.20 | N/A       |        | U2U7-2<br>LVLA | 2-5<br>N16A-3  | NOZ-SE   | PT       | XI         | Acceptable |
| Br       | B3.20           | N/A       | LVLA   | LVLA           | N 10A-3        | NOZ-SE   | ГΙ       | ΛI         | Acceptable |

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## Section II Scope of Inspection

| Category | Item  | Augment    | System        | Line                   | Сотронен        | Туре    | Exam | Credit | Results         |
|----------|-------|------------|---------------|------------------------|-----------------|---------|------|--------|-----------------|
| BF       | B5.20 | N/A        | SBLC          | 1102-2                 | N12-3           | SE-NOZ  | PT   | ΧI     | Acceptable      |
| BG1      | B6,20 | N/A        | RPV           | RPV UPP HD             | HD STUDS (92)   | FLGBLT  | UT   | XI     | Acceptable      |
| BG1      | B6.40 | N/A        | RPV           | RPV UPP HD             | FLG THRDS (92)  | FLGBLT  | UT   | ΧI     | Acceptable      |
| BG2      | B7.50 | N/A        | ISCOCR        | 1303-4                 | 12-14-FLG       | FLGBLT  | VT-1 | BL     | Acceptable      |
| BG2      | B7.50 | N/A        | RHV           | 0215-4                 | 4A-1(A)-FLG     | FLGBLT  | VT-1 | ΧI     | Acceptable      |
| BG2      | B7.50 | N/A        | RRAD          | 0203A-3                | SPM-45-27-FLG   | FLGBLT  | VT-1 | BL     | Acceptable      |
| BG2      | B7.50 | N/A        | RRAS          | 0202A-3                | 3-2-FLG         | FLGBLT  | VT-1 | ΧI     | Acceptable      |
| BG2      | B7.50 | N/A        | RRBD          | 0203B-3                | SPM-45-27-FLG   | FLGBLT  | VT-1 | BL     | Acceptable      |
| BG2      | B7.70 | N/A        | CSAD          | 1403-10                | AO-2-1402-9A    | VLVBLT  | VT-1 | ΧI     | Acceptable      |
| BG2      | B7.70 | N/A        | CSAD          | 1403-10                | MO-2-1402-25A   | VLVBLT  | VT-1 | ΧI     | Acceptable      |
| BG2      | B7.70 | N/A        | CSBD          | 1404-10                | MO-2-1402-25B   | VLVBLT  | VT-1 | ΧI     | Acceptable      |
| BG2      | B7.70 | N/A        | FWB           | 3204B-18               | 220-62B         | VLVBLT  | VT-1 | ΧI     | See Section III |
|          |       |            |               |                        |                 |         | VT-1 | BL     |                 |
| BG2      | B7.70 | N/A        | <b>HPCISS</b> | 2305-10                | MO-2301-4       | VLVBLT  | VT-1 | ΧI     | Acceptable      |
|          |       |            |               |                        |                 |         | VT-1 | BL     |                 |
| BG2      | B7.70 | N/A        | HPCISS        | 2305-10                | MO-2301-5       | VLVBLT  | VT-1 | ΧI     | See Section III |
|          |       |            |               |                        |                 |         | VT-1 | BL     |                 |
| BG2      | B7.70 | N/A        | LPCIAD        | 1506-16                | AO-2-1501-25A   | VLVBLT  | VT-1 | Χi     | Acceptable      |
| BG2      | B7.70 | N/A        | LPCIAD        | 1506-16                | MO-2-1501-22A   | VLVBLT  | VT-1 | ΧI     | Acceptable      |
| BG2      | B7.70 | N/A        | LPCIBD        | 1519-16                | MO-2-1501-22B   | VLVBLT  | VT-1 | ΧI     | Acceptable      |
| BG2      | B7.70 | N/A        | MSA           | 3001A-20               | AO-203-1A       | VLVBLT  | VT-1 | ΧI     | Acceptable      |
| BG2      | B7.70 | N/A        | MSB           | 3001B-20               | AO-203-1B       | VLVBLT  | VT-1 | ΧI     | Acceptable      |
|          |       |            |               |                        |                 |         | VT-1 | BL     |                 |
| BG2      | B7.70 | N/A        | MSB           | 3001B-6                | ERV-203-3B      | VLVBLT  | VT-1 | ΧI     | Acceptable      |
| BG2      | B7.70 | N/A        | MSB           | 3001B-6                | ERV-203-3E      | VLVBLT  | VT-1 | ΧI     | Acceptable      |
| BG2      | B7.70 | N/A        | MSC           | 3001C-20               | AO-203-1C       | VLVBLT  | VT-1 | ΧI     | Acceptable      |
|          |       |            |               |                        |                 |         | VT-1 | BL     |                 |
| BG2      | B7.70 | N/A        | MSC           | 3001 C-20              | AO-203-2C       | VLVBLT  | VT-1 | ΧI     | Acceptable      |
| BG2      | B7.70 | N/A        | MSD           | 3001D-6                | ERV-203-3D      | VLVBLT  | VT-1 | BL     | Acceptable      |
| BG2      | B7.70 | N/A        | RRAD          | 0201A-28               | MO-0202-5A      | VLVBLT  | VT-1 | BL     | Acceptable      |
| BG2      | B7.70 | N/A        | RWCU          | 1201-8                 | MO-2-1201-1     | VLVBLT  | VT-1 | ΧI     | Acceptable      |
| BG2      | B7.70 | N/A        | RWCU          | 1202-8                 | MO-2-1201-3     | VLVBLT  | VT-1 | ΧI     | Acceptable      |
| BG2      | B7.80 | N/A        | RPV           | RPV LWR HD             | CRD BLT/STD/NUT | FLGBLT  | VT-1 | XI     | Acceptable      |
| ВЈ       | B9.11 | N/A        | CSBD          | 1404-10                | S-65            | P-EL    | PT   | ΧI     | Acceptable      |
|          |       |            |               |                        |                 | <b></b> | UT   | ΧI     |                 |
| BJ       | B9.11 | GL88-01 A  | CSBD          | 1404-10                | W-17            | P-SE    | PT   | XI     | Acceptable      |
| Б.       | DO 44 | 01.00.04.0 | 100005        | 4202.40                | 40.44           | ם כי    | UT   | XI88   | Annortable      |
| BJ       | B9.11 | GL88-01 C  | ISCOCR        | 1303-12<br>- <b>4-</b> | 12-11           | P-EL    | UT   | 88     | Acceptable      |

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# Section II Scope of Inspection

| Category | Item  | Augment   | System | Line    | Component | Туре    | Exam | Credit | Results    |
|----------|-------|-----------|--------|---------|-----------|---------|------|--------|------------|
| BJ       | B9.11 | GL88-01 C | ISCOCR | 1303-12 | 12-K7     | EL-P    | PT   | ΧI     | Acceptable |
|          |       |           |        |         |           |         | UT   | X188   | •          |
| BJ       | B9.11 | GL88-01 A | ISCOCR | 1303-4  | 12-14     | SWP-FLG | PT   | BL     | Acceptable |
|          |       |           |        |         |           |         | UT   | BL     |            |
| BJ       | B9.11 | GL88-01 D | ISCOSS | 1302-14 | 14-2      | P-VLV   | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 C | ISCOSS | 1302-14 | 14-3      | VLV-EL  | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 C | ISCOSS | 1302-14 | 14-3A     | P-P     | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 C | ISCOSS | 1302-14 | 14-4      | P-EL    | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 D | ISCOSS | 1302-14 | 14-5      | EL-P    | PT   | XI     | Acceptable |
|          |       |           |        |         |           |         | UT   | X188   |            |
| BJ       | B9.11 | GL88-01 D | ISCOSS | 1302-14 | 14-5A     | P-P     | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 C | ISCOSS | 1302-14 | 14-K3     | P-EL    | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 D | ISCOSS | 1302-14 | 14-K4     | EL-P    | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 C | ISCOSS | 1302-14 | 14-K5     | EL-P    | PT   | ΧI     | Acceptable |
|          |       |           |        |         |           |         | UT   | XI88   |            |
| BJ       | B9.11 | GL88-01 C | ISCOSS | 1302-14 | 14-K6     | P-P     | UΤ   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 D | JPIA   | JPIA    | N20A-4    | SE-RED  | UΤ   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 D | JPIA   | JPIA    | N20A-5    | RED-RED | UΤ   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 D | JPIA   | JPIA    | N20A-6    | RED-P   | UΤ   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 D | JPIA   | JPIA    | N20A-7    | P-CAP   | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 D | LPCIAD | 1506-16 | 16-10     | EL-VLV  | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 C | LPCIAD | 1506-16 | 16-11     | VLV-P   | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 C | LPCIAD | 1506-16 | 16-11A    | P-P     | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 C | LPCIAD | 1506-16 | 16-13     | P-VLV   | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 C | LPCIAD | 1506-16 | 16-14     | VLV-EL  | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 C | LPCIAD | 1506-16 | 16-15     | P-TEE   | PT   | ΧI     | Acceptable |
|          |       |           |        |         |           |         | UT   | XI88   |            |
| BJ       | B9.11 | GL88-01 C | LPCIAD | 1506-16 | 16-K10    | EL-P    | UΤ   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 D | LPCIAD | 1506-16 | 16-K4     | P-P     | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 D | LPCIAD | 1506-16 | 16-K5     | P-EL    | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 C | LPCIAD | 1506-16 | 16-K6     | P-EL    | UT   | . 88   | Acceptable |
| BJ       | B9.11 | GL88-01 C | LPCIAD | 1506-16 | 16-K7     | EL-EL   | PΤ   | XI     | Acceptable |
|          |       |           |        |         |           |         | UT   | XI88   |            |
| BJ       | B9.11 | GL88-01 C | LPCIBD | 1519-16 | 16-11     | VLV-EL  | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 C | LPCIBD | 1519-16 | 16-12     | P-TEE   | PT   | XI     | Acceptable |
|          |       |           |        |         |           | _,      | UT   | XI88   |            |
| BJ       | B9.11 | GL88-01 D | LPCIBD | 1519-16 | 16-8      | EL-VLV  | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 D | LPCIBD | 1519-16 | 16-9      | VLV-P   | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 D | LPCIBD | 1519-16 | 16-K3A    | P-EL    | UT   | 88     | Acceptable |
| BJ       | B9.11 | GL88-01 C | LPCIBD | 1519-16 | 16-K9     | EL-P    | UT   | 88     | Acceptable |

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450

# Section II Scope of Inspection

| Category | ltem           | Augnent                                | System                                  | Line                                    | Component                               | Туре                                    | Exam         | Credit     | Results                                 |
|----------|----------------|--|---|---|---|---|--------------|------------|---|
|          | *************  | ······································ | *************************************** | *************************************** | *************************************** | *************************************** | ************ |            | *************************************** |
| BJ       | B9.11          | N/A                                    | MSC                                     | 3001C-20                                | 20-K1                                   | P-EL                                    | MT           | ΧI         | Acceptable                              |
|          |                |  |   |   |   |   | UT           | Χl         |   |
| BJ       | B9.11          | N/A                                    | MSC                                     | 3001C-20                                | N3C-3                                   | NOZ-SE                                  | MT           | ΧI         | Acceptable                              |
| Б.       | DO 44          | 21/2                                   | MOD                                     | 0004D 00                                | 00.0                                    | B E1                                    | UT           | ΧI         | A 4-6-1-                                |
| BJ       | B9.11          | N/A                                    | MSD                                     | 3001D-20                                | 20-3                                    | P-EL                                    | MT           | ΧI         | Acceptable                              |
| D.I      | DO 44          | N1/A                                   | MOD                                     | 2004D 00                                | 00.140                                  | EL D                                    | UT           | ΧI         | A                                       |
| BJ       | B9.11          | N/A                                    | MSD                                     | 3001D-20                                | 20-K2                                   | EL-P                                    | MT<br>UT     | XI<br>XI   | Acceptable                              |
| BJ       | B9.11          | N/A                                    | MSD                                     | 2004 D 20                               | N3D-3                                   | NOZ-SE                                  | MT           | XI         | Assortable                              |
| БJ       | D9.11          | N/A                                    | MSD                                     | 3001D-20                                | N3D-3                                   | NOZ-SE                                  | UT           | XI         | Acceptable                              |
| ВЈ       | B9.11          | GL88-01 D                              | RHS                                     | 0304-6                                  | 6A-1                                    | FLG-SE                                  | UT           | 88         | Acceptable                              |
| BJ       | B9.11          | GL88-01 D                              | RRAD                                    | 0201A-22                                | 0202-6A/L3                              | VLV-P                                   | UT           | 88         | Acceptable                              |
| BJ       | B9.11          | GL88-01 C                              | RRAD                                    | 0201A-22                                | 0202-6B/L3                              | VLV-P                                   | UT           | 88         | Acceptable                              |
| BJ       | B9.11          | GL88-01 E                              | RRAD                                    | 0201A-22                                | L1-D24                                  | P-CAP                                   | UT           | 88         | Acceptable                              |
| BJ       | B9.11          | GL88-01 D                              | RRAD                                    | 0201A-22                                | L1/L2                                   | CRO-P                                   | UT           | 88         | Acceptable                              |
| BJ       | B9.11          | GL88-01 D                              | RRAD                                    | 0201A-22                                | L2-D17                                  | CRO-RED                                 | UT           | 88         | Acceptable                              |
| BJ       | B9.11          | GL88-01 C                              | RRAD                                    | 0201A-22                                | L2-D17A                                 | CRO-P                                   | PT           | ΧI         | Acceptable                              |
|          |                |  |   |   |   |   | UT           | XI88       | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| BJ       | B9.11          | GL88-01 D                              | RRAD                                    | 0201A-22                                | L2/202-6A                               | P-VLV                                   | UT           | 88         | Acceptable                              |
| BJ       | B9.11          | GL88-01 D                              | RRAD                                    | 0201A-28                                | 202-5A/PD1A                             | VLV-EL                                  | UT           | 88         | Acceptable                              |
| BJ       | B9.11          | GL88-01 E                              | RRAD                                    | 0201A-28                                | 202-5A/PD1B                             | P-VLV                                   | UT           | 88         | Acceptable                              |
| BJ       | B9.11          | GL88-01 F                              | RRAD                                    | 0201A-28                                | PD1A-D14                                | EL-P                                    | PT           | ΧI         | See Section III                         |
|          |                |  |   |   |   |   | UT           | XI88       |   |
| BJ       | B9.11          | GL88-01 D                              | RRAD                                    | 0201A-28                                | PD1A-D15                                | P-TEE                                   | UT           | 88         | Acceptable                              |
| BJ       | B9.11          | GL88-01 D                              | RRAD                                    | 0201A-28                                | PD1A/L2                                 | TEE-CRO                                 | PT           | ΧI         | Acceptable                              |
|          |                |  |   |   |   |   | UT           | XI88       |   |
| BJ       | B9.11          | GL88-01 D                              | RRAD                                    | 0201A-28                                | PD1B/202-1A                             | PMP-P                                   | UT           | 88         | Acceptable                              |
| BJ       | B9.11          | GL88-01 E                              | RRAD                                    | 0201H-12                                | PD4-D22                                 | EL-P                                    | PT           | ΧI         | Acceptable                              |
|          |                |  |   |   |   |   | UT           | XI88       |   |
| BJ       | B9.11          | GL88-01 E                              | RRAD                                    | 0201H-12                                | PD4-D23                                 | P-EL                                    | UT           | 88         | Acceptable                              |
| BJ       | B9.11          | GL88-01 C                              | RRAD                                    | 0201H-12                                | PD4/201-1                               | P-SE                                    | UT           | 88         | Acceptable                              |
| BJ       | B9.11          | GL88-01 D                              | RRAD                                    | 0201H-12                                | PD4/L1                                  | SWP-P                                   | PT           | XI         | Acceptable                              |
|          |                |  |   |   |   |   | UT           | XI88       |   |
| BJ       | B9.11          | GL88-01 E                              | RRAD                                    | 0201J-12                                | PD5-D20                                 | EL-P                                    | UT           | 88         | Acceptable                              |
| BJ       | B9.11          | GL88-01 E                              | RRAD                                    | 0201J-12                                | PD5-D21                                 | P-EL                                    | PT           | XI         | Acceptable                              |
|          |                |  |   |   |   |   | UT           | XI88       |   |
| BJ       | B9.11          | GL88-01 C                              | RRAD                                    | 0201J-12                                | PD5/201-1                               | P-SE                                    | PT           | Χί         | Acceptable                              |
| bт       | DO 14          | CI 99 04 D                             | DDAD                                    | 0201   12                               | DDE/L4                                  | SWP-P                                   | UT<br>UT     | XI88<br>88 | Acceptable                              |
| BJ<br>BJ | B9.11<br>B9.11 | GL88-01 D<br>GL88-01 E                 | RRAD<br>RRAD                            | 0201J-12<br>0201K-12                    | PD5/L1<br>PD6-D18                       | SVVP-P<br>EL-P                          | UT           | 88         | Acceptable<br>Acceptable                |
| DJ       | D9.11          | GL00-01 E                              | KKAD                                    | U2U1N-12                                | LD0-D10                                 | EL-F                                    | O I          | 00         | Acceptable                              |

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# Section II Scope of Inspection

| Category | ltem    | Augment    | System | Line     | Component     | Туре                                   | Exam     | Credit   | Results      |
|----------|---------|------------|--------|----------|---------------|--|----------|----------|--------------|
| BJ       | B9.11   | GL88-01 E  | RRAD   | 0201K-12 | PD6-D19       | P-EL                                   | PT       | XI       | Acceptable   |
|          |         |            |        |          |               |  | UT       | X188     |              |
| BJ       | B9.11   | GL88-01 D  | RRAD   | 0201K-12 | PD6/201-1     | P-SE                                   | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 D  | RRAD   | 0201K-12 | PD6/L1        | SWP-P                                  | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 E  | RRAD   | 0201L-12 | PD1-D15       | EL-P                                   | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 E  | RRAD   | 0201L-12 | PD1-D16       | P-EL                                   | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 C  | RRAD   | 0201L-12 | PD1/201-1     | P-SE                                   | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 E  | RRAD   | 0201L-12 | PD1/L2        | RED-P                                  | PT       | XI       | Acceptable   |
|          |         |            |        |          |               |  | UT       | XI88     |              |
| BJ       | B9.11   | GL88-01 E  | RRAD   | 0201M-12 | PD19-D13      | EL-P                                   | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 E  | RRAD   | 0201M-12 | PD19-D14      | P-EL                                   | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 D  | RRAD   | 0201M-12 | PD19/L2       | SWP-P                                  | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 A  | RRAD   | 0203A-4  | SPM-45-25(A)  | SWP-CAP                                | PT       | BL       | Acceptable   |
|          |         |            |        |          |               |  | UT       | BL       |              |
| BJ       | B9.11   | GL88-01 A  | RRAD   | 0203A-4  | SPM-45-7(A)   | SWP-RED                                | PT       | BL       | Acceptable   |
|          |         |            |        |          |               |  | UT       | BL       |              |
| BJ       | B9.11   | GL88-01 D  | RRAS   | 0202A-28 | 202-4A/PS1A   | VLV-EL                                 | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 D  | RRAS   | 0202A-28 | PS1-2-D1      | P-EL                                   | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 C  | RRAS   | 0202A-28 | PS1-2-D2      | EL-TEE                                 | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 C  | RRAS   | 0202A-28 | PS1-2-D3      | TEE-P                                  | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 C  | RRAS   | 0202A-28 | PS1-2/PS1-2A  | P-P                                    | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 D  | RRAS   | 0202A-28 | PS1-2A/202-4A | P-VLV                                  | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 E  | RRAS   | 0202A-28 | PS1A-D5       | EL-P                                   | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 D  | RRAS   | 0202A-28 | PS1A/202-1A   | P-EL                                   | PT       | ΧI       | Acceptable   |
|          |         |            |        |          |               |  | UT       | XI88     |              |
| BJ       | B9.11   | GL88-01 D  | RRBD   | 0201B-22 | L4/202-6B     | P-VLV                                  | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 E  | RRBD   | 0201B-22 | L5-D3         | P-CAP                                  | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 D  | RRBD   | 0201B-22 | L5-D6         | CRO-RED                                | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 D  | RRBD   | 0201B-22 | L5-D6A        | CRO-P                                  | PT       | XI       | Acceptable   |
|          |         |            |        | ****     | 184.4         | 0000                                   | UT       | XI88     |              |
| BJ       | B9.11   | GL88-01 D  | RRBD   | 0201B-22 | L5/L4         | CRO-P                                  | PT       | XI       | Acceptable   |
| D.I      | DO 44   | OL 00 04 D | RRBD   | 0004B 00 | 202 ED/DD4D   | \/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | UT       | X188     | Assantable   |
| BJ       | B9.11   | GL88-01 D  |        | 0201B-28 | 202-5B/PD1D   | VLV-EL                                 | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 C  | RRBD   | 0201B-28 | PD1D/D12      | P-TEE                                  | UT<br>UT | 88<br>88 | Acceptable   |
| BJ       | B9.11   | GL88-01 D  | RRBD   | 0201B-28 | PD1D/L5       | TEE-CRO                                | PT       | XI       | Acceptable   |
| BJ       | B9.11   | GL88-01 E  | RRBD   | 0201C-12 | PD7-D11       | EL-P                                   | UT       | X188     | Acceptable   |
| ВЈ       | B9.11   | GL88-01 E  | RRBD   | 0201C-12 | PD7-D12       | P-EL                                   | UT       | 88       | Acceptable   |
| ВJ       | B9.11   | GL88-01 D  | RRBD   | 0201C-12 | PD7/201-1     | P-SE                                   | UT       | 88       | Acceptable   |
| BJ       | B9.11   | GL88-01 C  | RRBD   | 0201C-12 | PD7/L4        | SWP-P                                  | PT       | XI       | Acceptable   |
| υu       | וו.פּנו | GLOO-OT C  | MINDO  | 02010-12 | I DIIET       | O V V 1 -1"                            | UT       | XI88     | , toocptuble |

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450

# Section II Scope of Inspection

| Category | Item           | Augment                                 | System | Line                 | Component           | Туре    | Exam     | Credit     | Results                  |
|----------|----------------|---|--------|----------------------|---------------------|---------|----------|------------|--------------------------|
| <u> </u> | •••••          | *************************************** |        |                      |                     |         |          | ********** | ····                     |
| BJ       | B9.11          | GL88-01 E                               | RRBD   | 0201D-12             | PD8-D10             | P-EL    | PT<br>UT | XI<br>XI88 | Acceptable               |
| ВЈ       | B9.11          | GL88-01 E                               | RRBD   | 0201D-12             | PD8-D9              | EL-P    | UT       | 88         | Acceptable               |
| ВJ       | B9.11<br>B9.11 | GL88-01 E<br>GL88-01 C                  | RRBD   | 0201D-12<br>0201D-12 | PD8-D9<br>PD8/201-1 | P-SE    | PT       | XI         | Acceptable<br>Acceptable |
| БJ       | Б9.11          | GLOO-UT C                               | KKBD   | 0201D-12             | PD0/201-1           | P-3E    | UT       | XI88       | Acceptable               |
| BJ       | B9.11          | GL88-01 D                               | RRBD   | 0201D-12             | PD8/L4              | SWP-P   | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 E                               | RRBD   | 0201E-12             | PD9-D7              | EL-P    | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 E                               | RRBD   | 0201E-12             | PD9-D8              | P-EL    | PT       | ΧI         | Acceptable               |
|          |                |   |        |                      |                     |         | UT       | XI88       | •                        |
| BJ       | B9.11          | GL88-01 D                               | RRBD   | 0201E-12             | PD9/201-1           | P-SE    | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 D                               | RRBD   | 0201E-12             | PD9/L4              | SWP-P   | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 E                               | RRBD   | 0201F-12             | PD2-D4              | EL-P    | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 E                               | RRBD   | 0201F-12             | PD2-D5              | P-EL    | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 D                               | RRBD   | 0201F-12             | PD2/L5              | RED-P   | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 E                               | RRBD   | 0201G-12             | PD3-D1              | EL-P    | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 E                               | RRBD   | 0201G-12             | PD3-D2              | P-EL    | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 D                               | RRBD   | 0201G-12             | PD3/L5              | SWP-P   | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 A                               | RRBD   | 0203B-4              | SPM-45-18(A)        | SWP-RED | PT       | BL         | Acceptable               |
|          |                |   |        |                      |                     |         | UT       | BL         |                          |
| BJ       | B9.11          | GL88-01 A                               | RRBD   | 0203B-4              | SPM-45-19(A)        | SWP-CAP | PT       | BL         | Acceptable               |
|          | 55.44          | 0100045                                 |        | 20000 00             | 000 (0.0)           | 51 DMD  | UT       | BL         |                          |
| BJ       | B9.11          | GL88-01 E                               | RRBS   | 0202B-28             | 202-1B-D4           | EL-PMP  | PT<br>UT | BL<br>BL   | Acceptable               |
| ВЈ       | B9.11          | GL88-01 D                               | RRBS   | 0202B-28             | 202-4B/PS2A         | VLV-P   | UT       | 88         | Acceptable               |
| ВJ       | B9.11          | GL88-01 D                               | RRBS   | 0202B-28             | PS2-TEE/202-4B      | TEE-VLV | UT       | 88         | See Section III          |
| ВJ       | B9.11          | GL88-01 D                               | RRBS   | 0202B-28             | PS2/201-1           | SE-EL   | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 D                               | RRBS   | 0202B-28             | PS2A-D2             | P-EL    | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 D                               | RRBS   | 0202B-28             | PS2A-D3             | EL-P    | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 E                               | RRBS   | 0202B-28             | PS2A/202-1B         | P-EL    | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 E                               | RWCU   | 1201-8               | 8-12                | P-VLV   | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 E                               | RWCU   | 1201-8               | 8-14                | P-EL    | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 E                               | RWCU   | 1201-8               | 8-15                | EL-P    | PT       | ΧI         | Acceptable               |
|          |                |   |        |                      |                     |         | UT       | XI88       | ·                        |
| BJ       | B9.11          | GL88-01 A                               | RWCU   | 1201-8               | 8-15-A              | EL-P    | PT       | ΧI         | Acceptable               |
|          |                |   |        |                      |                     |         | UT       | XI88       |                          |
| BJ       | B9.11          | GL88-01 E                               | RWCU   | 1201-8               | 8-16                | EL-P    | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 A                               | RWCU   | 1201-8               | 8-20-A              | VLV-EL  | PT       | ΧI         | Acceptable               |
|          |                |   |        |                      |                     | _       | UT       | X188       |                          |
| BJ       | B9.11          | GL88-01 E                               | RWCU   | 1201-8               | 8-K12               | EL-P    | UT       | 88         | Acceptable               |
| BJ       | B9.11          | GL88-01 E                               | RWCU   | 1201-8               | 8-K13               | P-EL    | UT       | 88         | Acceptable               |

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## Section II Scope of Inspection

| Category | ltern | Augment   | System | Line      | Component   | Туре    | Exam     | Credit   | Results    |
|----------|-------|-----------|--------|-----------|-------------|---------|----------|----------|------------|
| ВЈ       | B9.11 | GL88-01 E | RWCU   | 1201-8    | 8-K14       | EL-P    | PT       | ΧI       | Acceptable |
|          |       |           |        |           |             |         | UT       | XI88     |            |
| BJ       | B9.11 | GL88-01 E | RWCU   | 1201-8    | 8-K15       | P-P     | UT       | 88       | Acceptable |
| BJ       | B9.11 | GL88-01 E | RWCU   | 1201-8    | 8-K16       | P-EL    | UT       | 88       | Acceptable |
| BJ       | B9.11 | GL88-01 E | RWCU   | 1201-8    | 8-K17       | P-EL    | PΤ       | ΧI       | Acceptable |
|          |       |           |        |           |             |         | UT       | X188     |            |
| BJ       | B9.11 | GL88-01 D | SDC    | 1001A-16  | 16-10(A)    | P-VLV   | PT       | BL       | Acceptable |
|          |       |           |        |           |             |         | UT       | BL       |            |
| BJ       | B9.11 | GL88-01 D | SDC    | 1001A-16  | 16-11       | TEE-P   | PT       | XI       | Acceptable |
|          |       |           |        |           |             |         | UT       | XI88     |            |
| BJ       | B9.11 | GL88-01 D | SDC    | 1001B-16  | 16-10(A)    | P-VLV   | PT       | BL       | Acceptable |
| D.I      | DO 44 | NI/A      | CDC    | 4004D 46  | 46.42       | D D     | UT       | BL       | Accontable |
| BJ       | B9.11 | N/A       | SDC    | 1001B-16  | 16-13       | P-P     | PT<br>UT | BL<br>BL | Acceptable |
| ВЈ       | B9.11 | GL88-01 E | SDC    | 1001B-16  | 16-8        | TEE-EL  | PT       | XI       | Acceptable |
| D3       | D9.11 | GL00-01 L | 300    | 10015-10  | 10-0        | 166-66  | UT       | XI88     | Acceptable |
| BJ       | B9.11 | GL88-01 D | SDC    | 1001B-16  | 16-9        | EL-P    | UT       | 88       | Acceptable |
| BJ       | B9.11 | GL88-01 D | SDC    | 1001B-16  | 16-K6       | EL-EL   | UT       | 88       | Acceptable |
| BJ       | B9.21 | N/A       | RHS    | 0304-2.5  | HS2.5-20    | P-EL    | РТ       | ΧI       | Acceptable |
| BJ       | B9.21 | N/A       | RHS    | 0304-2.5  | HS2.5-24    | EL-P    | PT       | ΧI       | Acceptable |
| BJ       | B9.21 | N/A       | RHS    | 0304-2.5  | HS2.5-34(A) | VLV-EL  | MT       | BL       | Acceptable |
| BJ       | B9.21 | N/A       | RRAD   | 0203A-3   | SPM-45-27   | RED-FLG | PT       | BL       | Acceptable |
| BJ       | B9.21 | N/A       | RRBD   | 0203B-3   | SPM-45-27   | RED-FLG | PT       | BL       | Acceptable |
| BJ       | B9.21 | N/A       | SBLC   | 1102-1.5  | SLC1.5-30   | P-F     | PT       | ΧI       | Acceptable |
| BJ       | B9.21 | N/A       | SBLC   | 1102-2    | SLC2-1      | TEE-SE  | PΤ       | ΧI       | Acceptable |
| BJ       | B9.31 | GL88-01 A | ISCOCR | 1303-12   | 12-13       | BPC     | PT       | BL       | Acceptable |
|          |       |           |        |           |             |         | UT       | BL       |            |
| BJ       | B9.31 | GL88-01 D | RRAD   | 0201A-28  | 4X-1        | P-SWP   | UT       | 88       | Acceptable |
| BJ       | B9.31 | GL88-01 D | RRAD   | 0201A-28  | 4X-2        | TEE-SWP | UT       | 88       | Acceptable |
| BJ       | B9.31 | GL88-01 D | RRBD   | 0201B-28  | 4X-3        | P-SWP   | PT       | XI       | Acceptable |
|          |       |           |        |           |             |         | UT       | XI88     |            |
| BJ       | B9.31 | GL88-01 D | RRBD   | 0201B-28  | 4X-4        | P-SWP   | PΤ       | XI       | Acceptable |
|          |       |           |        |           |             |         | UT       | XI88     |            |
| BJ       | B9.32 | N/A       | RRAS   | 0202A-28  | 2-1         | P-SWP   | PT       | XI       | Acceptable |
| BJ       | B9.32 | N/A       | RRAS   | 0202A-28  | 3-1         | BPC     | PT       | ΧI       | Acceptable |
| BJ       | B9.32 | N/A       | RRBD   | 0202-6B-2 | 0202-6B/B0  | BPC     | PT       | ΧI       | Acceptable |
| BJ       | B9.32 | N/A       | RRBD   | 0202-6B-2 | 0202-6B/B15 | BPC     | PT       | ΧI       | Acceptable |
| BJ       | B9.32 | N/A       | RRBS   | 0202B-28  | 2-1         | P-SWP   | PT       | ΧI       | Acceptable |
| BJ       | B9.40 | N/A       | MSDN   | 3007-2    | MSD2-1(A)   | SWR-SWT | MT       | BL       | Acceptable |
| BJ       | B9.40 | N/A       | MSDN   | 3007-2    | MSD2-2(Λ)   | SWR-SWT | MT       | BL       | Acceptable |
| BJ       | B9.40 | N/A       | MSDN   | 3007-2    | MSD2-3(A)   | SWT-P   | MT       | BL       | Acceptable |

# Section II Scope of Inspection

| Category | ltem  | Augment | System | Line      | Component     | Туре    | Exam | Credit | Results    |
|----------|-------|---------|--------|-----------|---------------|---------|------|--------|------------|
| BJ       | B9.40 | N/A     | MSDN   | 3007-2    | MSD2-4(A)     | P-SWT   | МТ   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007-2    | MSD2-5(A)     | P-SWT   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007-2    | MSD2-6(A)     | SWT-P   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007-2    | MSD2-7(A)     | SWR-SWT | MΤ   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007-2    | MSD2-8(A)     | SWR-SWT | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007-2    | MSD2-9(A)     | SWT-P   | MΤ   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007A-1.5 | MSDA1.5-10    | P-SWE   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007A-1.5 | MSDA1.5-11    | SWE-P   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007A-1.5 | MSDA1.5-3(A)  | P-SWE   | MΤ   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007A-1.5 | MSDA1.5-4(A)  | SWE-P   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007A-1.5 | MSDA1.5-5(A)  | P-SWR   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007A-1.5 | MSDA1.5-6     | P-SWE   | MΤ   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007A-1.5 | MSDA1.5-7     | SWE-P   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007A-1.5 | MSDA1.5-8     | P-SWE   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007A-1.5 | MSDA1.5-9     | SWE-P   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007B-1.5 | MSDB1.5-10(A) | SWE-P   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007B-1.5 | MSDB1.5-11(A) | P-SWR   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007B-1.5 | MSDB1.5-12    | P-SWE   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007B-1.5 | MSDB1.5-13    | SWE-P   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007B-1.5 | MSDB1.5-3(A)  | P-SWE   | MΤ   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007B-1.5 | MSDB1.5-4(A)  | SWE-P   | MΤ   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007B-1.5 | MSDB1.5-5(A)  | P-SWE   | MΤ   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007B-1.5 | MSDB1.5-6(A)  | SWE-P   | MΤ   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007B-1.5 | MSDB1.5-7(A)  | P-SWE   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007B-1.5 | MSDB1.5-8(A)  | SWE-P   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007B-1.5 | MSDB1.5-9(A)  | P-SWE   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007C-1.5 | MSDC1.5-10(A) | SWE-P   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007C-1.5 | MSDC1.5-11(A) | P-SWE   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007C-1.5 | MSDC1.5-12(A) | SWE-P   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007C-1.5 | MSDC1.5-13(A) | P-SWR   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007C-1.5 | MSDC1.5-3(A)  | P-SWE   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007C-1.5 | MSDC1.5-4(A)  | SWE-P   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007C-1.5 | MSDC1.5-5(A)  | P-SWE   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007C-1.5 | MSDC1.5-6(A)  | SWE-P   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007C-1.5 | MSDC1.5-7(A)  | P-SWE   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007C-1.5 | MSDC1.5-8(A)  | SWE-P   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007C-1.5 | MSDC1.5-9(A)  | P-SWE   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007D-1.5 | MSDD1.5-10    | P-SWE   | MΤ   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007D-1.5 | MSDD1.5-11    | SWE-P   | MT   | BL     | Acceptable |
| BJ       | B9.40 | N/A     | MSDN   | 3007D-1.5 | MSDD1.5-3(A)  | P-SWE   | MΤ   | BL     | Acceptable |

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# Section II Scope of Inspection

| Category                                | Item            | Augment                                 | System | Line      | Component    | Туре    | Exam                                    | Credit | Results    |
|---|-----------------|---|--------|-----------|--------------|---------|---|--------|------------|
| *************************************** | *************** | *************************************** | ·····  |           |              |         | *************************************** |        |            |
| BJ                                      | B9.40           | N/A                                     | MSDN   | 3007D-1.5 | MSDD1.5-4(A) | SWE-P   | MT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | MSDN   | 3007D-1.5 | MSDD1.5-5(A) | P-SWR   | MT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | MSDN   | 3007D-1.5 | MSDD1.5-6    | P-SWE   | MT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | MSDN   | 3007D-1.5 | MSDD1.5-7    | SWE-P   | MT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | MSDN   | 3007D-1.5 | MSDD1.5-8    | P-SWE   | MT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | MSDN   | 3007D-1.5 | MSDD1.5-9    | SWE-P   | MT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RHV    | 0214-2    | HV2-32       | P-SWE   | PT                                      | ΧI     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RHV    | 0214-2    | HV2-34       | P-SWE   | PT                                      | ΧI     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RHV    | 0214-2    | HV2-39       | SWE-P   | PT                                      | ΧI     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RRAS   | 0204A-2   | 2-8          | SWV-P   | PT                                      | ΧI     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RRBD   | 0202-6B-2 | 0202-6B/B12  | EL-P    | PT                                      | ΧI     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RRBD   | 0202-6B-2 | 0202-6B/B4   | SWE-P   | PΤ                                      | ΧI     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RRBS   | 0204B-2   | 2-2          | SWP-P   | PT                                      | ΧI     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RRBS   | 0204B-2   | 2-6          | SWT-P   | PT                                      | ΧI     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RVBD   | 0207-2    | 2-10(A)      | P-SWT   | PT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RVBD   | 0207-2    | 2-11(A)      | SWT-P   | PT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RVBD   | 0207-2    | 2-12(A)      | P-SWT   | PT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RVBD   | 0207-2    | 2-13(A)      | SWT-P   | PT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RVBD   | 0207-2    | 2-14(A)      | P-SWV   | PT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RVBD   | 0207-2    | 2-17         | SWT-P   | PT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RVBD   | 0207-2    | 2-18         | P-SWV   | PT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RVBD   | 0207-2    | 2-19         | SWV-P   | PT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RVBD   | 0207-2    | 2-20         | P-FLG   | PT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RVBD   | 1265-2    | 2-1(A)       | SWT-P   | PT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RVBD   | 1265-2    | 2-10         | P-SWE   | PT                                      | ΧI     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RVBD   | 1265-2    | 2-11         | SWE-P   | PΤ                                      | ΧI     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RVBD   | 1265-2    | 2-2(A)       | P-SWV   | PT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RVBD   | 1265-2    | 2-3(A)       | SWV-P   | PT                                      | BL     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RVBD   | 1265-2    | 2-7          | SWE-P   | PT                                      | ΙX     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | RWCU   | 1201-8    | 2-17         | SWP-P   | PT                                      | ΧI     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | SBLC   | 1102-1.5  | SLC1.5-10    | SWT-P   | PT                                      | ΧI     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | SBLC   | 1102-1.5  | SLC1.5-11    | RED-SWT | PT                                      | Χl     | Acceptable |
| вЈ                                      | B9.40           | N/A                                     | SBLC   | 1102-1.5  | SLC1.5-17    | SWE-P   | PT                                      | ΧI     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | SBLC   | 1102-1.5  | SLC1.5-18    | P-SWE   | PT                                      | ΧI     | Acceptable |
| ВЈ                                      | B9.40           | N/A                                     | SBLC   | 1102-1.5  | SLC1.5-39    | SWE-P   | PT                                      | ΧI     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | SBLC   | 1102-1.5  | SLC1.5-40    | P-SWE   | PT                                      | ΧI     | Acceptable |
| BJ                                      | B9.40           | N/A                                     | SBLC   | 1102-1.5  | SLC1.5-46    | SWT-P   | PT                                      | IX     | Acceptable |
| ВЈ                                      | B9.40           | N/A                                     | SBLC   | 1102-1.5  | SLC1.5-7     | SWT-P   | PT                                      | ΧI     | Acceptable |
| BM2                                     | B12.50          | N/A                                     | CSAD   | 1403-10   | AO-2-1402-9A | VLV     | VT-3/4                                  | XI     | Acceptable |

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# Section II Scope of Inspection

| Category     | ltem   | Augment | System        | Line        | Component       | Туре    | Exam     | Credit   | Results                               |
|--------------|--------|---------|---------------|-------------|-----------------|---------|----------|----------|---------------------------------------|
| BM2          | B12.50 | N/A     | CSAD          | 1403-10     | MO-2-1402-25A   | VLV     | VT-3/4   | ΧI       | Acceptable                            |
| BM2          | B12.50 | N/A     | CSBD          | 1404-10     | MO-2-1402-25B   | VLV     | VT-3/4   | ΧI       | Acceptable                            |
| BM2          | B12.50 | N/A     | FWB           | 3204B-18    | 220-62B         | VLV     | VT-3/4   | ΧI       | Acceptable                            |
| BM2          | B12.50 | N/A     | <b>HPCISS</b> | 2305-10     | MO-2301-4       | VLV     | VT-3/4   | ΧI       | Acceptable                            |
| BM2          | B12.50 | N/A     | <b>HPCISS</b> | 2305-10     | MO-2301-5       | VLV     | VT-3/4   | ΧI       | Acceptable                            |
| B <b>M</b> 2 | B12.50 | N/A     | LPCIAD        | 1506-16     | AO-2-1501-25A   | VLV     | VT-3/4   | ΧI       | Acceptable                            |
| BM2          | B12.50 | N/A     | LPCIAD        | 1506-16     | MO-2-1501-22A   | VLV     | VT-3/4   | ΧI       | Acceptable                            |
| BM2          | B12.50 | N/A     | LPCIBD        | 1519-16     | MO-2-1501-22B   | VLV     | VT-3/4   | ΧI       | See Section III                       |
| BM2          | B12.50 | N/A     | MSA           | 3001A-20    | AO-203-1A       | VLV     | VT-3/4   | ΧI       | Acceptable                            |
| BM2          | B12.50 | N/A     | MSB           | 3001B-20    | AO-203-1B       | VLV     | VT-3/4   | ΧI       | Acceptable                            |
| BM2          | B12.50 | N/A     | MSC           | 3001C-20    | AO-203-1C       | VLV     | VT-3/4   | ΧI       | Acceptable                            |
| BM2          | B12.50 | N/A     | MSC           | 3001 C-20   | AO-203-2C       | VLV     | VT-3/4   | ΧI       | Acceptable                            |
| BM2          | B12.50 | N/A     | RRAD          | 0201A-28    | MO-0202-5A      | VLV     | VT-3/4   | XI       | Acceptable                            |
| BM2          | B12.50 | N/A     | RWCU          | 1201-8      | MO-2-1201-1     | VLV     | VT-3/4   | Xi       | Acceptable                            |
| BM2          | B12.50 | N/A     | RWCU          | 1202-8      | MO-2-1201-3     | VLV     | VT-3/4   | ΧI       | Acceptable                            |
| BN1          | B13.10 | N/A     | RPV           | RPV SHELL   | VESSEL INT      | RPV     | VT-3/4   | ΧI       | See Attach. A                         |
| BN2          | B13.20 | N/A     | RPV           | RPV SHELL   | IN-BELTLINE ATT | IWA     | VT-1     | XI       | See Attach. A                         |
| BN2          | B13.30 | N/A     | RPV           | RPV SHELL   | OUT-BELTLINE AT | IWA     | VT-3/4   | ΧI       | See Attach. A                         |
| BN2          | B13.40 | N/A     | RPV           | RPV SHELL   | CORE SUPPORT    | IWA     | VT-3/4   | ΧI       | See Attach. A                         |
| ВР           | B15.OT | N/A     | N/A           | TEST BLOCK  | RCPB            | N/A     | VT-2     | ΧI       | See Section III                       |
| СВ           | C2.21  | N/A     | ISCOSS        | 1302B-12    | 12-8            | NOZ-SHL | PT       | XI       | Acceptable                            |
|              | _      |         |               | ·           |                 |         | UT       | XI       | · · · · · · · · · · · · · · · · · · · |
| cc           | C3.20  | N/A     | HPCISS        | 2305-10     | M-1151D-132     | IWA     | MT       | ΧI       | Acceptable                            |
| CC           | C3.20  | N/A     | LPCIBD        | 1509-16     | M-3214-17       | IWA     | MT       | ΧI       | Acceptable                            |
| CC           | C3.20  | N/A     | LPCIBD        | 1509-18     | M-3214-10       | IWA     | MT       | ΧI       | Acceptable                            |
| CC           | C3,20  | N/A     | LPCIBD        | 1519-18     | M-3209-13       | IWA     | MT       | ΧI       | Acceptable                            |
| CC           | C3.20  | N/A     | LPCIBD        | 1530-18     | M-3214-43       | IWA     | MT       | ΧI       | Acceptable                            |
| CC           | C3,20  | N/A     | LPCITR        | 1517-14     | M-3208-07       | IWA     | MT       | XI       | Acceptable                            |
| CC           | C3.20  | N/A     | LPCITR        | 1517-16     | M-1164D-569     | IWA     | MT       | ΧI       | Acceptable                            |
| CC           | C3.20  | N/A     | LPCITR        | 1522-16     | M-1164D-570     | IWA     | MT       | ΧI       | Acceptable                            |
| CC           | C3.30  | N/A     | CSBS          | PMP 2B-1401 | M-1150D-265     | IWA     | MT       | ΧI       | Acceptable                            |
| CF1          | C5.11  | N/A     | ISCOCR        | 1303A-8     | 8-2             | P-EL    | PT<br>UT | XI<br>XI | Acceptable                            |

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## Section II Scope of Inspection

| Category | ltem  | Augment   | System | Line       | Component | Туре    | Exam     | Credit   | Results         |
|----------|-------|-----------|--------|------------|-----------|---------|----------|----------|-----------------|
| CF1      | C5.11 | N/A       | ISCOCR | 1303A-8    | 8-3       | EL-P    | PT<br>UT | XI<br>XI | Acceptable      |
| CF1      | C5.11 | GL88-01 C | ISCOSS | 1302-14    | 14-5      | EL-P    | PT       | XI       | Acceptable      |
| •        |       |           |        |            | ,,,,      | ,       | UT       | XI88     | , 1000p.au.io   |
| CF1      | C5.11 | GL88-01 D | ISCOSS | 1302A-12   | 12-8      | SE-NOZ  | PT       | ΧI       | Acceptable      |
|          |       |           |        |            |           |         | UT       | XI88     |                 |
| CF1      | C5.11 | GL88-01 D | ISCOSS | 1302B-12   | 12-7      | SE-NOZ  | PT       | XI       | Acceptable      |
|          |       |           |        |            |           |         | UT       | XI88     |                 |
| CF2      | C5.51 | N/A       | CSAD   | 1403-12    | 12-42     | P-FLG   | MT       | BL       | Acceptable      |
|          |       |           |        |            |           |         | UT       | BL       |                 |
| CF2      | C5.51 | N/A       | CSAD   | 1403-12    | 12-43     | FLG-P   | MT       | BL       | Acceptable      |
|          |       |           |        |            |           |         | UT       | BL       |                 |
| CF2      | C5.51 | N/A       | CSBD   | 1404-12    | 12-19     | P-EL    | MT       | XI       | Acceptable      |
| CF2      | C5.51 | N/A       | OCDD   | 4 40 4 40  | 40.0      | D. E.I. | UT       | ΧI       | 8               |
| GF2      | C5.51 | N/A       | CSBD   | 1404-12    | 12-2      | P-EL    | MT<br>UT | XI<br>XI | Acceptable      |
| CF2      | C5.51 | N/A       | CSBD   | 1404-12    | 12-4      | P-EL    | MT       | XI       | Acceptable      |
| 0,2      | 00.01 | 14/7      | OODD   | 1-10-12    | 12-4      | 1-22    | UT       | XI       | Acceptable      |
| CF2      | C5.51 | N/A       | CSBS   | 1402-16    | 16-18     | EL-PMP  | MT       | ΧI       | Acceptable      |
|          |       |           |        |            |           |         | UT       | ΧI       |                 |
| CF2      | C5.51 | N/A       | HPCIPD | 2304-14    | 14-33     | P-EL    | MT       | Χi       | Acceptable      |
|          |       |           |        |            |           |         | UT       | ΧI       |                 |
| CF2      | C5.51 | N/A       | LPCIBD | 1508B-12   | 12-2      | P-EL    | MT       | ΧI       | Acceptable      |
| CF2      | C5.51 | N/A       | LPCIBD | 1509-18    | 18-4      | VLV-P   | MT       | XI       | Acceptable      |
|          |       |           |        |            |           |         | UT       | XI       |                 |
| CF2      | C5.51 | N/A       | LPCIBD | 1509-18    | 18-6      | EL-P    | MT       | XI       | Acceptable      |
|          |       |           |        |            |           |         | UT       | XI       |                 |
| CF2      | C5.51 | N/A       | LPCIBS | 1507B-14   | 14-10     | EL-TEE  | MT       | ΧI       | Acceptable      |
| CF2      | C5.81 | N/A       | CSBS   | 1402-16    | 16-11     | BPC     | UT<br>MT | XI<br>XI | Acceptable      |
| —————    |       | IN/A      | 0353   | 1402-10    |           |         | 161 1    |          | Acceptable      |
| СН       | C7.OT | N/A       | N/A    | TEST BLOCK | 02A1      | N/A     | VT-2     | ΧI       | Acceptable      |
| СН       | C7.OT | N/A       | N/A    | TEST BLOCK | 03A1      | N/A     | VT-2     | ΧI       | See Section III |
| СН       | C7.OT | N/A       | N/A    | TEST BLOCK | 11A1      | N/A     | VT-2     | ΙX       | Acceptable      |
| CH       | C7.OT | N/A       | N/A    | TEST BLOCK | 13A1      | N/A     | VT-2     | ΧI       | Acceptable      |
| CH       | C7.OT | N/A       | N/A    | TEST BLOCK | 14A1      | N/A     | VT-2     | XI       | Acceptable      |
| CH       | C7.OT | N/A       | N/A    | TEST BLOCK | 14B1      | N/A     | VT-2     | XI       | Acceptable      |
| CH       | C7.OT | N/A       | N/A    | TEST BLOCK | 14D1      | N/A     | VT-2     | XI       | Acceptable      |
| CH       | C7.OT | N/A       | N/A    | TEST BLOCK | 14D2      | N/A     | VT-2     | ΧI       | Acceptable      |
| СН       | C7.OT | N/A       | N/A    | TEST BLOCK | 15A1      | N/A     | VT-2     | ΧI       | Acceptable      |

June, 1995 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 06-09-72

# Section II Scope of Inspection

| CH         C7.OT         N/A         N/A         N/A         TEST BLOCK         15C1         N/A         VT-2         XI         Acceptable           CH         C7.OT         N/A         N/A         TEST BLOCK         15C2         N/A         VT-2         XI         Acceptable           CH         C7.OT         N/A         N/A         TEST BLOCK         23D1         N/A         VT-2         XI         Acceptable           CH         C7.OT         N/A         N/A         TEST BLOCK         18T         N/A         VT-2         XI         Acceptable           CH         C7.OT         N/A         N/A         N/A         TEST BLOCK         18T         N/A         VT-3/4         XI         Acceptable           DB         D2.IA         N/A         SRVDA         3019A-3         M-564E SHT 21         IVMA         VT-3/4         XI         Acceptable           DB         D2.IA         N/A         SRVDA         3019A-3         M-564E SHT 21         IVMA         VT-3/4         XI         Acceptable           DB         D2.OT         N/A         N/A         TEST BLOCK         13A2         N/A         VT-2         XI         Acceptable <td< th=""><th>Category</th><th>Item</th><th>Augment</th><th>System</th><th>Line</th><th>Component</th><th>Туре</th><th>Exam</th><th>Credit</th><th>Results</th></td<>   | Category | Item  | Augment | System | Line       | Component     | Туре     | Exam   | Credit | Results                               |
|--|----------|-------|---------|--------|------------|---------------|----------|--------|--------|---------------------------------------|
| CH         C7.OT         N/A         N/A         TEST BLOCK         15C2         N/A         VT-2         XI         Acceptable           CH         C7.OT         N/A         N/A         TEST BLOCK         23A1         N/A         VT-2         XI         Acceptable           CH         C7.OT         N/A         N/A         TEST BLOCK         18T         N/A         VT-2         XI         Acceptable           DB         D2.IA         N/A         CSSW         1510-16         M-1164D-149         IWA         VT-3/4         XI         Acceptable           DB         D2.IA         N/A         SRVDA         3019A-8         M-1135 SHT 5         IWA         VT-3/4         XI         Acceptable           DB         D2.IA         N/A         SRVDA         3019A-8         M-564E SHT 21         IWA         VT-3/4         XI         Acceptable           DB         D2.OT         N/A         N/A         TEST BLOCK         13A2         N/A         VT-2         XI         Acceptable           DB         D2.OT         N/A         N/A         TEST BLOCK         30A1         N/A         VT-2         XI         Acceptable           DB         D2.OT  | CH       | C7.OT | N/A     | N/A    | TEST BLOCK | 15C1          | N/A      | VT-2   | ΧI     | Acceptable                            |
| CH         C7.OT         N/A         N/A         TEST BLOCK         23A1         N/A         VT-2         XI         Acceptable           CH         C7.OT         N/A         N/A         TEST BLOCK         23D1         N/A         VT-2         XI         Acceptable           CH         C7.OT         N/A         N/A         TEST BLOCK         ILRT         N/A         VT-3/4         XI         Acceptable           DB         D2.IA         N/A         SRVDA         3019A-8         M-164D-149         IWA         VT-3/4         XI         Acceptable           DB         D2.IA         N/A         SRVDA         3019A-8         M-564E SHT 21         IWA         VT-3/4         XI         Acceptable           DB         D2.OT         N/A         N/A         TEST BLOCK         13A2         N/A         VT-2         XI         Acceptable           DB         D2.OT         N/A         N/A         TEST BLOCK         30A1         N/A         VT-2         XI         Acceptable           DB         D2.OT         N/A         N/A         TEST BLOCK         30A1         N/A         VT-2         XI         Acceptable           DB         D2.OT         N  |          |       |         |        |            |               |          |        |        |                                       |
| CH         C7.OT         N/A         N/A         TEST BLOCK         23D1         N/A         VT-2         XI         Acceptable           DB         D2.IA         N/A         CCSW         1510-16         M-1184D-149         IWA         VT-3/4         XI         Acceptable           DB         D2.IA         N/A         SRVDA         3019A-8         M-1135 SHT 5         IWA         VT-3/4         XI         Acceptable           DB         D2.IA         N/A         SRVDA         3019A-8         M-564E SHT 21         IWA         VT-3/4         XI         Acceptable           DB         D2.OT         N/A         N/A         TEST BLOCK         13A2         N/A         VT-2         XI         Acceptable           DB         D2.OT         N/A         N/A         TEST BLOCK         15A2         N/A         VT-2         XI         Acceptable           DB         D2.OT         N/A         N/A         TEST BLOCK         30A2         N/A         VT-2         XI         Acceptable           DB         D2.OT         N/A         N/A         TEST BLOCK         30A3         N/A         VT-2         XI         Acceptable           DB         D2.OT   |          |       |         |        |            |               |          |        |        | · · · · · · · · · · · · · · · · · · · |
| CH         C7.OT         N/A         N/A         TEST BLOCK         ILRT         N/A         VT-2         XI         Acceptable           DB         D2,IA         N/A         SRVDA         3019A-8         M-1185 SHT 5         IWA         VT-3/4         XI         Acceptable           DB         D2,IA         N/A         SRVDA         3019A-8         M-564E SHT 21         IWA         VT-3/4         XI         Acceptable           DB         D2,OT         N/A         N/A         TEST BLOCK         13A2         N/A         VT-2         XI         Acceptable           DB         D2,OT         N/A         N/A         TEST BLOCK         15A2         N/A         VT-2         XI         Acceptable           DB         D2,OT         N/A         N/A         TEST BLOCK         30A1         N/A         VT-2         XI         Acceptable           DB         D2,OT         N/A         N/A         TEST BLOCK         30A3         N/A         VT-2         XI         Acceptable           DB         D2,OT         N/A         N/A         TEST BLOCK         30A4         N/A         VT-2         XI         Acceptable           DB         D2,OT  |          |       |         |        |            |               |          |        |        | •                                     |
| DB   D2.IA   N/A   SRVDA   3019A-8   M-1135 SHT 5   IWA   VT-3/4   XI   Acceptable   DB   D2.IA   N/A   SRVDA   3019A-8   M-564E SHT 21   IWA   VT-3/4   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   13A2   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   15A2   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A1   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A1   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A2   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A3   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A3   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A5   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A5   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A5   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   39A1   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   39A1   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   39A1   N/A   VT-2   XI   Acceptable   TEST BLOCK   39A1   N/A   TT-2   XI   Acceptable   TEST BLOCK   39A1   N/A   TT-2   XI   Acceptable   TEST BLOCK   39A1   N/A   TT-2   XI   Acceptable   TEST BLOCK   TE |          |       |         |        |            |               |          |        |        | •                                     |
| DB   D2.IA   N/A   SRVDA   3019A-8   M-564E SHT 21   IWA   VT-3/4   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   13A2   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   15A2   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A1   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A2   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A3   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A3   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A5   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A5   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A5   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   39A1   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   39A1   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   39A1   N/A   VT-2   XI   Acceptable   TEST   TOTHR   TEST   TEST   TOTHR   TEST   TOTHR   TEST   TEST   TEST   TOTHR   TEST   TE | DB       | D2.IA | N/A     | ccsw   | 1510-16    | M-1164D-149   | IWA      | VT-3/4 | XI     | Acceptable                            |
| DB   D2.OT   N/A   N/A   TEST BLOCK   13A2   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   15A2   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A1   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A2   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A2   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A3   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A4   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A4   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A5   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   39A1   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   39A1   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   39A1   N/A   VT-2   XI   Acceptable   TEST BLOCK   39A1   N/A   XI   Acceptable   TEST BLOCK   N/A   TEST BLOCK   39A1   N/A   XI   Acceptable   TEST BLOCK   N/A   TEST BLOCK   39A1   N/A   THR   Acceptable   TEST BLOCK   TEST BLOCK   TEST BLOCK   TEST | DB       | D2.IA | N/A     | SRVDA  | 3019A-8    | M-1135 SHT 5  | IWA      | VT-3/4 | XI     | Acceptable                            |
| DB   | DB       | D2.IA | N/A     | SRVDA  | 3019A-8    | M-564E SHT 21 | IWA      | VT-3/4 | XI     | Acceptable                            |
| DB   | DB       | D2.OT | N/A     | N/A    | TEST BLOCK | 13A2          | N/A      | VT-2   | ΧI     | Acceptable                            |
| DB         D2.OT         N/A         N/A         TEST BLOCK         30A2         N/A         VT-2         XI         Acceptable           DB         D2.OT         N/A         N/A         TEST BLOCK         30A3         N/A         VT-2         XI         Acceptable           DB         D2.OT         N/A         N/A         TEST BLOCK         30A4         N/A         VT-2         XI         Acceptable           DB         D2.OT         N/A         N/A         TEST BLOCK         39A1         N/A         VT-2         XI         Acceptable           DB         D2.OT         N/A         N/A         TEST BLOCK         39A1         N/A         VT-2         XI         Acceptable           DB         D2.OT         N/A         N/A         TEST BLOCK         39A1         N/A         VT-2         XI         Acceptable           DB         D2.OT         N/A         N/A         TEST BLOCK         39A1         N/A         VT-3/4         XI         Acceptable           DB         D2.OT         N/A         TSAD         MA3-10         M-1135 SHT2         CL1 SNB         VT-3/4         XI         Acceptable           FA         F1.CS         N/A   | DB       | D2.OT | N/A     | N/A    | TEST BLOCK | 15A2          | N/A      | VT-2   | ΧI     | Acceptable                            |
| DB   | DB       | D2.OT | N/A     | N/A    | TEST BLOCK | 30A1          | N/A      | VT-2   | ΧI     | Acceptable                            |
| DB   D2.OT   N/A   N/A   TEST BLOCK   30A4   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   30A5   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   39A1   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   39A1   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   39F1   N/A   VT-2   XI   Acceptable   TEST BLOCK   39F1   N/A   VT-2   XI   Acceptable   TEST BLOCK   TEST BLOCK   39F1   N/A   VT-2   XI   Acceptable   TEST BLOCK   TEST BLOCK   TEST BLOCK   39F1   N/A   VT-2   XI   Acceptable   TEST BLOCK   TES | DB       | D2.OT | N/A     | N/A    | TEST BLOCK | 30A2          | N/A      | VT-2   | ΧI     | Acceptable                            |
| DB   D2.OT   N/A   N/A   TEST BLOCK   30A5   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   39A1   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   39F1   N/A   VT-2   XI   Acceptable   VT-2   XI   Acceptable   N/A   VT-2   XI   Acceptable   VT-2   XI   Acceptable   TEST BLOCK   SPF1   N/A   VT-2   XI   Acceptable   VT-2   XI   Acceptable   TEST BLOCK   SPF1   N/A   VT-2   XI   Acceptable   VT-2   XI   Acceptable   TEST BLOCK   SPF1   N/A   VT-2   XI   Acceptable   TEST BLOCK   SPF1   N/A   VT-2   XI   Acceptable   TEST BLOCK   SPF1   TEST BLOCK   SPF1   TEST BLOCK   SPF1   TEST BLOCK   TEST BLOCK   SPF1   TEST BLOCK   TEST | ÐВ       | D2.OT | N/A     | N/A    | TEST BLOCK | 30A3          | N/A      | VT-2   | ΧI     | Acceptable                            |
| DB   D2.OT   N/A   N/A   TEST BLOCK   39A1   N/A   VT-2   XI   Acceptable   DB   D2.OT   N/A   N/A   TEST BLOCK   39F1   N/A   VT-2   XI   Acceptable   Accepta | DB       | D2.OT | N/A     | N/A    | TEST BLOCK | 30A4          | N/A      | VT-2   | ΧI     | Acceptable                            |
| DB   D2.OT   N/A   N/A   TEST BLOCK   39F1   N/A   VT-2   XI   Acceptable  | DB       | D2.OT | N/A     | N/A    | TEST BLOCK | 30A5          | N/A      | VT-2   | ΧI     | Acceptable                            |
| FA F1.CS N/A CSAD 1403-10 M-1135 SHT 2 CL 1 SNB VT-3/4 OTHR FT OTHR  FA F1.CS N/A CSAD 1403-10 M-1150D-60 CL 1 SUP VT-3/4 XI Acceptable  FA F1.CS N/A CSAD 1403-10 X-149A-F CL 1 SUP VT-3/4 XI Acceptable  FA F1.CS N/A CSBD 1404-10 M-1135 SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable  FA F1.CS N/A CSBD 1404-10 M-1135 SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable  FA F1.CS N/A CSBD 1404-10 X-149B-F CL 1 SUP VT-3/4 XI Acceptable  FA F1.CS N/A FWA 3204C-12 M-1156D-257 CL 1 SUP VT-3/4 XI Acceptable  FA F1.CS N/A FWA 3204D-12 M-1156D-254 CL 1 SUP VT-3/4 XI Acceptable  FA F1.CS N/A FWA 3204D-12 M-1156D-254 CL 1 SUP VT-3/4 XI Acceptable  FA F1.CS N/A ISCOCR 1303-12 M-1163D-264 CL 1 SUP VT-3/4 XI Acceptable  FA F1.CS N/A ISCOSS 1302-14 M-1163D-263 CL 1 SUP VT-3/4 XI Acceptable  FA F1.CS N/A ISCOSS 1302-14 M-1163D-263 CL 1 SUP VT-3/4 XI Acceptable  FA F1.CS N/A ISCOSS 1302-14 M-1163D-263 CL 1 SUP VT-3/4 XI Acceptable  FA F1.CS N/A ISCOSS 1302-14 M-1164D-296 CL 1 SUP VT-3/4 XI Acceptable  FA F1.CS N/A LPCIAD 1506-16 M-1164D-295 CL 1 SUP VT-3/4 XI Acceptable  FA F1.CS N/A LPCIAD 1506-16 M-1164D-296 CL 1 SUP VT-3/4 XI Acceptable  FA F1.CS N/A LPCIAD 1506-16 M-1164D-296 CL 1 SUP VT-3/4 XI See Section III  FA F1.CS N/A LPCIBD 1519-16 M-1164D-297 CL 1 SUP VT-3/4 XI See Section III  FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III  FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III  FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III  FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III  FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI Acceptable  FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI Acceptable  FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI Acceptable  FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI Acceptable  FA F1.CS N/A MSA 3001A-20 M-564E SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable  | DB       | D2.OT | N/A     | N/A    | TEST BLOCK | 39A1          | N/A      | VT-2   | ΧI     | Acceptable                            |
| FA F1.CS N/A CSAD 1403-10 M-1150D-60 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A CSAD 1403-10 X-149A-F CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A CSBD 1404-10 M-1135 SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A CSBD 1404-10 X-149B-F CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A FWA 3204C-12 M-1156D-257 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A FWA 3204D-12 M-1156D-254 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A FWA 3204D-12 M-1156D-4 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A ISCOCR 1303-12 M-1163D-264 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOSS 1302-14 M-1163D-263 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOSS 1302-14 M-1163D-263 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-295 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-296 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-296 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIAD 1506-16 M-1164D-297 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIAD 1506-16 M-1164D-297 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIAD 1519-16 M-1164D-297 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A MSA 3001A-20 M-564E SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A MSA 3001A-20 M-564E SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A MSA 3001A-20 M-564E SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable   | DB       | D2.OT | N/A     | N/A    | TEST BLOCK | 39F1          | N/A      | VT-2   | ΧI     | Acceptable                            |
| FA F1.CS N/A CSAD 1403-10 X-149A-F CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A CSBD 1404-10 M-1135 SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A CSBD 1404-10 X-149B-F CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A FWA 3204C-12 M-1156D-257 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A FWA 3204D-12 M-1156D-254 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A FWA 3204D-12 M-1156D-254 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOCR 1303-12 M-1163D-264 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOCR 1303-12 M-1163D-264 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOSS 1302-14 M-1163D-263 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOSS 1302-14 X-108A-F CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-295 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-296 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIAD 1506-16 X-116A-F CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIAD 1506-16 M-1164D-297 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIAD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A MSA 3001A -20 M-564E SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A MSA 3001A -20 M-564E SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A MSA 3001A -20 M-564E SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable  | FA       | F1.CS | N/A     | CSAD   | 1403-10    | M-1135 SHT 2  | CL 1 SNB |        |        | Acceptable                            |
| FA F1.CS N/A CSBD 1404-10 M-1135 SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A CSBD 1404-10 X-149B-F CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A FWA 3204C-12 M-1156D-257 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A FWA 3204D-12 M-1156D-254 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A FWA 3204D-12 M-1156D-4 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A ISCOCR 1303-12 M-1163D-264 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOSS 1302-14 M-1163D-263 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOSS 1302-14 X-108A-F CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-295 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-296 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIAD 1506-16 X-116A-F CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIAD 1506-16 M-1164D-297 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-297 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A MSA 3001A -20 M-564E SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A MSA 3001A -20 M-564E SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable   | FA       | F1.CS | N/A     | CSAD   | 1403-10    | M-1150D-60    | CL 1 SUP | VT-3/4 | ΧI     | Acceptable                            |
| FA         F1.CS         N/A         CSBD         1404-10         M-1135 SHT 1         CL 1 SNB         VT-3/4         OTHR         Acceptable           FA         F1.CS         N/A         CSBD         1404-10         X-149B-F         CL 1 SUP         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         FWA         3204C-12         M-1156D-257         CL 1 SUP         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         FWA         3204D-12         M-1156D-254         CL 1 SUP         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         FWA         3204D-12         M-1163D-264         CL 1 SNB         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         ISCOCR         1303-12         M-1163D-264         CL 1 SUP         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         ISCOSS         1302-14         M-1163D-263         CL 1 SUP         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         LPCIAD         1506-16         M-1164D-295         CL 1 SUP         VT-3/4         XI         Acceptab  | FA       | F1.CS | N/A     | CSAD   | 1403-10    | X-149A-F      | CL 1 SUP | VT-3/4 | ΧI     | Acceptable                            |
| FA         F1.CS         N/A         CSBD         1404-10         X-149B-F         CL 1 SUP         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         FWA         3204C-12         M-1156D-257         CL 1 SUP         VT-3/4         XI         See Section III           FA         F1.CS         N/A         FWA         3204D-12         M-1156D-254         CL 1 SUP         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         FWA         3204D-12         M-1156D-264         CL 1 SUP         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         ISCOCR         1303-12         M-1163D-264         CL 1 SUP         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         ISCOSS         1302-14         M-1163D-263         CL 1 SUP         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         ISCOSS         1302-14         X-108A-F         CL 1 SUP         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         LPCIAD         1506-16         M-1164D-295         CL 1 SUP         VT-3/4         XI         See Sec  |          | F1.CS | N/A     | CSBD   | 1404-10    | M-1135 SHT 1  | CL 1 SNB | VT-3/4 | OTHR   | Acceptable                            |
| FA F1.CS N/A FWA 3204C-12 M-1156D-257 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A FWA 3204D-12 M-1156D-254 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOCR 1303-12 M-1156D-4 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOSS 1302-14 M-1163D-264 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOSS 1302-14 M-1163D-263 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOSS 1302-14 X-108A-F CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-295 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-296 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A LPCIAD 1506-16 X-116A-F CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIAD 1506-16 X-116A-F CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-297 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A MSA 3001A -20 M-564E SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A MSA 3001A -20 M-564E SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable   |          |       |         |        | 1404-10    |               | CL 1 SUP |        |        | ·                                     |
| FA F1.CS N/A FWA 3204D-12 M-1156D-254 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOCR 1303-12 M-1163D-264 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOSS 1302-14 M-1163D-263 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOSS 1302-14 M-1163D-263 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOSS 1302-14 X-108A-F CL 1 SUP VT-3/4 BL Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-295 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-296 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIAD 1506-16 X-116A-F CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIAD 1519-16 M-1164D-297 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A MSA 3001A -20 M-564E SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A MSA 3001A -20 M-564E SHT 2 CL 1 SNB VT-3/4 OTHR Acceptable  |          |       |         |        |            |               |          | VT-3/4 |        | •                                     |
| FA F1.CS N/A FWA 3204D-12 M-1156D-4 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A ISCOCR 1303-12 M-1163D-264 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOSS 1302-14 M-1163D-263 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOSS 1302-14 X-108A-F CL 1 SUP VT-3/4 BL Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-295 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-296 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIAD 1506-16 X-116A-F CL 1 SUP VT-3/4 BL Acceptable FA F1.CS N/A LPCIAD 1506-16 X-116A-F CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-297 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 X-116B-F CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 X-116B-F CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A MSA 3001A -20 M-564E SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A MSA 3001A -20 M-564E SHT 2 CL 1 SNB VT-3/4 OTHR Acceptable  |          |       |         |        | 3204D-12   | M-1156D-254   | CL 1 SUP | VT-3/4 |        | Acceptable                            |
| FA F1.CS N/A ISCOCR 1303-12 M-1163D-264 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOSS 1302-14 M-1163D-263 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOSS 1302-14 X-108A-F CL 1 SUP VT-3/4 BL Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-295 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-296 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIAD 1506-16 X-116A-F CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-297 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 X-116B-F CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A MSA 3001A -20 M-564E SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A MSA 3001A -20 M-564E SHT 2 CL 1 SNB VT-3/4 OTHR Acceptable  |          |       |         |        |            |               |          | VT-3/4 |        | •                                     |
| FA F1.CS N/A ISCOSS 1302-14 M-1163D-263 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A ISCOSS 1302-14 X-108A-F CL 1 SUP VT-3/4 BL Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-295 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-296 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIAD 1506-16 X-116A-F CL 1 SUP VT-3/4 BL Acceptable FA F1.CS N/A LPCIBD 1519-16 M-1164D-297 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-297 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 X-116B-F CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A MSA 3001A -20 M-564E SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A MSA 3001A -20 M-564E SHT 2 CL 1 SNB VT-3/4 OTHR Acceptable   |          |       |         |        | 1303-12    | M-1163D-264   | CL 1 SUP | VT-3/4 | ΧI     | •                                     |
| FA F1.CS N/A ISCOSS 1302-14 X-108A-F CL 1 SUP VT-3/4 BL Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-295 CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A LPCIAD 1506-16 M-1164D-296 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIAD 1506-16 X-116A-F CL 1 SUP VT-3/4 BL Acceptable FA F1.CS N/A LPCIBD 1519-16 M-1164D-297 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 X-116B-F CL 1 SUP VT-3/4 XI Acceptable FA F1.CS N/A MSA 3001A -20 M-564E SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A MSA 3001A -20 M-564E SHT 2 CL 1 SNB VT-3/4 OTHR Acceptable   |          |       |         |        |            |               |          |        |        | =                                     |
| FA         F1.CS         N/A         LPCIAD         1506-16         M-1164D-295         CL 1 SUP         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         LPCIAD         1506-16         M-1164D-296         CL 1 SUP         VT-3/4         XI         See Section III           FA         F1.CS         N/A         LPCIAD         1506-16         X-116A-F         CL 1 SUP         VT-3/4         XI         See Section III           FA         F1.CS         N/A         LPCIBD         1519-16         M-1164D-297         CL 1 SUP         VT-3/4         XI         See Section III           FA         F1.CS         N/A         LPCIBD         1519-16         M-1164D-298         CL 1 SUP         VT-3/4         XI         See Section III           FA         F1.CS         N/A         LPCIBD         1519-16         X-116B-F         CL 1 SUP         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         MSA         3001A -20         M-564E SHT 1         CL 1 SNB         VT-3/4         OTHR         Acceptable           FA         F1.CS         N/A         MSA         3001A -20         M-564E SHT 2         CL 1 SNB         VT-3/4         OT   |          |       |         | ISCOSS | 1302-14    | X-108A-F      | CL 1 SUP | VT-3/4 | BL     | Acceptable                            |
| FA         F1.CS         N/A         LPCIAD         1506-16         M-1164D-296         CL 1 SUP         VT-3/4         XI         See Section III           FA         F1.CS         N/A         LPCIAD         1506-16         X-116A-F         CL 1 SUP         VT-3/4         BL         Acceptable           FA         F1.CS         N/A         LPCIBD         1519-16         M-1164D-297         CL 1 SUP         VT-3/4         XI         See Section III           FA         F1.CS         N/A         LPCIBD         1519-16         M-1164D-298         CL 1 SUP         VT-3/4         XI         See Section III           FA         F1.CS         N/A         LPCIBD         1519-16         X-116B-F         CL 1 SUP         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         MSA         3001A -20         M-564E SHT 1         CL 1 SNB         VT-3/4         OTHR         Acceptable           FA         F1.CS         N/A         MSA         3001A -20         M-564E SHT 2         CL 1 SNB         VT-3/4         OTHR         Acceptable   |          |       |         |        |            |               |          | VT-3/4 | ΧI     |                                       |
| FA F1.CS N/A LPCIAD 1506-16 X-116A-F CL 1 SUP VT-3/4 BL Acceptable FA F1.CS N/A LPCIBD 1519-16 M-1164D-297 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 M-1164D-298 CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A LPCIBD 1519-16 X-116B-F CL 1 SUP VT-3/4 XI See Section III FA F1.CS N/A MSA 3001A -20 M-564E SHT 1 CL 1 SNB VT-3/4 OTHR Acceptable FA F1.CS N/A MSA 3001A -20 M-564E SHT 2 CL 1 SNB VT-3/4 OTHR Acceptable   |          |       |         |        |            |               |          |        |        |                                       |
| FA         F1.CS         N/A         LPCIBD         1519-16         M-1164D-297         CL 1 SUP         VT-3/4         XI         See Section III           FA         F1.CS         N/A         LPCIBD         1519-16         M-1164D-298         CL 1 SUP         VT-3/4         XI         See Section III           FA         F1.CS         N/A         LPCIBD         1519-16         X-116B-F         CL 1 SUP         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         MSA         3001A -20         M-564E SHT 1         CL 1 SNB         VT-3/4         OTHR         Acceptable           FA         F1.CS         N/A         MSA         3001A -20         M-564E SHT 2         CL 1 SNB         VT-3/4         OTHR         Acceptable   |          |       |         |        |            |               |          | VT-3/4 | BL     | Acceptable                            |
| FA         F1.CS         N/A         LPCIBD         1519-16         M-1164D-298         CL 1 SUP         VT-3/4         XI         See Section III           FA         F1.CS         N/A         LPCIBD         1519-16         X-116B-F         CL 1 SUP         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         MSA         3001A -20         M-564E SHT 1         CL 1 SNB         VT-3/4         OTHR         Acceptable           FA         F1.CS         N/A         MSA         3001A -20         M-564E SHT 2         CL 1 SNB         VT-3/4         OTHR         Acceptable  |          |       |         |        |            |               |          |        |        | · ·                                   |
| FA         F1.CS         N/A         LPCIBD         1519-16         X-116B-F         CL 1 SUP         VT-3/4         XI         Acceptable           FA         F1.CS         N/A         MSA         3001A -20         M-564E SHT 1         CL 1 SNB         VT-3/4         OTHR         Acceptable           FA         F1.CS         N/A         MSA         3001A -20         M-564E SHT 2         CL 1 SNB         VT-3/4         OTHR         Acceptable   |          |       |         |        |            |               |          |        |        |                                       |
| FA         F1.CS         N/A         MSA         3001A -20         M-564E SHT 1         CL 1 SNB         VT-3/4         OTHR         Acceptable           FA         F1.CS         N/A         MSA         3001A -20         M-564E SHT 2         CL 1 SNB         VT-3/4         OTHR         Acceptable  |          |       |         |        |            |               |          |        | ΧI     |                                       |
| FA F1.CS N/A MSA 3001A -20 M-564E SHT 2 CL 1 SNB VT-3/4 OTHR Acceptable  |          |       |         |        |            |               |          |        |        |                                       |
|  |          |       |         |        |            |               |          |        |        |                                       |
|  |          |       |         |        | 3001A -20  | M-564E SHT 3  | CL 1 SNB | VT-3/4 | OTHR   | Acceptable                            |

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# Section II Scope of Inspection

| Category | Item   | Augment | System | Line       | Component         | Туре     | Exam   | Credit | Results         |
|----------|--------|---------|--------|------------|-------------------|----------|--------|--------|-----------------|
| FA       | F1.CS  | N/A     | MSA    | 3001A -20  | M-564E SHT 4      | CL 1 SNB | VT-3/4 | OTHR   | Acceptable      |
| 1.7      | 1 1.00 | 1477    | IVIOA  | 3001A -20  | WFOOTE SITT       | OL 1 SNB | FT     | OTHR   | Acceptable      |
| FA       | F1.CS  | N/A     | MSA    | 3001A -20  | M-569 SHT 21      | CL 1 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F1.CS  | N/A     | MSA    | 3001A -8   | M-1135 SHT 7      | CL 1 SNB | VT-3/4 | OTHR   | Acceptable      |
| FA       | F1.CS  | N/A     | MSB    | 3001B -20  | M-564F SHT 1      | CL 1 SNB | VT-3/4 | OTHR   | Acceptable      |
|          |        |         |        |            |                   |          | FT     | OTHR   | •               |
| FA       | F1.CS  | N/A     | MSB    | 3001B -20  | M-564F SHT 2      | CL 1 SNB | VT-3/4 | OTHR   | Acceptable      |
| FA       | F1.CS  | N/A     | MSB    | 3001B -20  | M-564F SHT 3      | CL 1 SNB | VT-3/4 | OTHR   | Acceptable      |
| FA       | F1.CS  | N/A     | MSC    | 3001C -20  | M-564G SHT 1      | CL 1 SNB | VT-3/4 | OTHR   | Acceptable      |
| FA       | F1.CS  | N/A     | MSC    | 3001C -20  | M-564G SHT 2      | CL 1 SNB | VT-3/4 | OTHR   | Acceptable      |
| FA       | F1.CS  | N/A     | MSC    | 3001C -20  | M-564G SHT 3      | CL 1 SNB | VT-3/4 | OTHR   | Acceptable      |
| FA       | F1.CS  | N/A     | MSC    | 3001C -20  | M-569 SHT 3       | CL 1 SUP | VT-3/4 | . XI   | Acceptable      |
| FA       | F1.CS  | N/A     | MSD    | 3001 D-20  | M-564H SHT 1      | CL1 SNB  | VT-3/4 | OTHR   | See Section III |
| FA       | F1.CS  | N/A     | MSD    | 3001 D-20  | M-564H SHT 2      | CL 1 SNB | VT-3/4 | OTHR   | Acceptable      |
| FA       | F1.CS  | N/A     | MSD    | 3001 D-20  | M-564H SHT 3      | CL 1 SNB | VT-3/4 | OTHR   | Acceptable      |
| FA       | F1.CS  | N/A     | MSD    | 3001D-20   | M-569 SHT 9       | CL 1 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F1.CS  | N/A     | MSDN   | 3007-2     | X-106-F           | CL 1 SUP | VT-3/4 | BL     | Acceptable      |
| FA       | F1.CS  | N/A     | RHS    | 0304-2.5   | M-1167D-258       | CL 1 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F1.CS  | N/A     | RHS    | 0304-2.5   | M-1167D-260       | CL 1 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F1.CS  | N/A     | RHS    | 0304-2.5   | M-1167D-261       | CL 1 SUP | VT-3/4 | Χl     | See Section III |
| FA       | F1.CS  | N/A     | RHV    | 0214-2     | M-1178D-1         | CL 1 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F1.CS  | N/A     | RHV    | 0214-2     | M-1178D-10        | CL 1 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F1.CS  | N/A     | RHV    | 0214-2     | M-1178D-11        | CL 1 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F1.CS  | N/A     | RHV    | 0214-2     | M-1178D-2         | CL 1 SUP | VT-3/4 | ΧI     | See Section III |
| FA       | F1.CS  | N/A     | RHV    | 0214-2     | M-1178D-3         | CL 1 SUP | VT-3/4 | XI     | Acceptable      |
| FA       | F1.CS  | N/A     | RHV    | 0214-2     | M-1178D-4         | CL 1 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F1.CS  | N/A     | RHV    | 0214-2     | M-1178D-5         | CL 1 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F1.CS  | N/A     | RHV    | 0214-2     | M-1178D-6         | CL 1 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F1.CS  | N/A     | RHV    | 0214-2     | M-1178D-7         | CL 1 SUP | VT-3/4 | ΧI     | See Section III |
| FA       | F1.CS  | N/A     | RHV    | 0214-2     | <b>M-</b> 1178D-8 | CL 1 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F1.CS  | N/A     | RHV    | 0214-2     | M-1178D-9         | CL 1 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F1.CS  | N/A     | RRAD   | 0201A-22   | M-1135 SHT 9      | CL 1 SNB | VT-3/4 | OTHR   | Acceptable      |
| FA       | F1.CS  | N/A     | RRAD   | 0201A-22   | M-1157D-255       | CL 1 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F1.CS  | N/A     | RRAD   | 0201A-22   | M-1157D-257       | CL 1 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F1.CS  | N/A     | RRAD   | 0201A-22   | M-1157D-258       | CL 1 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F1.CS  | N/A     | RRAD   | 0201A-22   | M-1157D-268       | CL 1 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F1.CS  | N/A     | RRAD   | 0201A-28   | M-1157D-2         | CL 1 SNB | VT-3/4 | OTHR   | Acceptable      |
| FA       | F1.CS  | N/A     | RRAD   | 0201A-28   | M-1157D-259       | CL 1 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F1.CS  | N/A     | RRAD   | 0201A-28   | M-1157D-282       | CL 1 SUP | VT-3/4 | ΙX     | See Section III |
| FA       | F1.CS  | N/A     | RRAD   | MO-0202-5A | M-1157D-260       | CL 1 SUP | VT-3/4 | ΙX     | Acceptable      |

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# Section II Scope of Inspection

| Category | ltern | Augment | System | Line        | Component       | Туре     | Exam         | Credit       | Results         |
|----------|-------|---------|--------|-------------|-----------------|----------|--------------|--------------|-----------------|
| FA       | F1.CS | N/A     | RRAS   | 0202A-28    | M-1157D-252     | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | RRAS   | 0202A-28    | M-1157D-280     | CL 1 SUP | VT-3/4       | ΧI           | See Section III |
| FA       | F1.CS | N/A     | RRAS   | MO-0202-4A  | M-1157D-251     | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | RRAS   | PMP 2A-0202 | M-1135 SHT 11   | CL 1 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F1.CS | N/A     | RRAS   | PMP 2A-0202 | M-1135 SHT 13   | CL 1 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F1.CS | N/A     | RRAS   | PMP 2A-0202 | M-1135 SHT 14   | CL 1 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F1.CS | N/A     | RRAS   | PMP 2A-0202 | M-1135 SHT 18   | CL 1 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F1.CS | N/A     | RRAS   | PMP 2A-0202 | M-1135 SHT 3    | CL 1 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F1.CS | N/A     | RRAS   | PMP 2A-0202 | M-1135 SHT 8    | CL 1 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F1.CS | N/A     | RRAS   | PMP 2A-0202 | M-1157D-276     | CL 1 SUP | VT-3/4       | XI           | Acceptable      |
| FA       | F1.CS | N/A     | RRAS   | PMP 2A-0202 | M-1157D-277     | CL 1 SUP | VT-3/4       | XI           | Acceptable      |
| FA       | F1.CS | N/A     | RRAS   | PMP 2A-0202 | M-1157D-278     | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | RRBD   | 0201B-22    | M-1157D-256     | CL 1 SUP | VT-3/4       | Χi           | Acceptable      |
| FA       | F1.CS | N/A     | RRBD   | 0201B-22    | M-1157D-263     | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | RRBD   | 0201B-22    | M-1157D-264     | CL 1 SUP | VT-3/4       | Χl           | Acceptable      |
| FA       | F1.CS | N/A     | RRBD   | 0201B-22    | M-1157D-3       | CL 1 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F1.CS | N/A     | RRBD   | 0201B-28    | M-1157D-1       | CL 1 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F1.CS | N/A     | RRBD   | 0201B-28    | M-1157D-279     | CL 1 SUP | VT-3/4       | ΧI           | See Section III |
| FA       | F1.CS | N/A     | RRBS   | 0202B-28    | M-1157D-253     | CL 1 SUP | VT-3/4       | · XI         | Acceptable      |
| FA       | F1.CS | N/A     | RRBS   | 0202B-28    | M-1157D-281     | CL 1 SUP | VT-3/4       | ΧI           | See Section III |
| FA       | F1.CS | N/A     | RRBS   | MO-0202-4B  | M-1157D-254     | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | RRBS   | PMP 2B-0202 | M-1135 SHT 10   | CL 1 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F1.CS | N/A     | RRBS   | PMP 2B-0202 | M-1135 SHT 12   | CL 1 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F1.CS | N/A     | RRBS   | PMP 2B-0202 | M-1135 SHT 15   | CL 1 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F1.CS | N/A     | RRBS   | PMP 2B-0202 | M-1135 SHT 16   | CL 1 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F1.CS | N/A     | RRBS   | PMP 2B-0202 | M-1135 SHT 17   | CL 1 SNB | VT-3/4<br>FT | OTHR<br>OTHR | Acceptable      |
| FA       | F1.CS | N/A     | RRBS   | PMP 2B-0202 | M-1135 SHT 19   | CL 1 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F1.CS | N/A     | RVBD   | 0207-2      | M-1159D-505     | CL 1 SUP | VT-3/4       | BL           | Acceptable      |
| FA       | F1.CS | N/A     | RVBD   | 0207-2      | M-1159D-510     | CL 1 SUP | VT-3/4       | BL           | Acceptable      |
| FA       | F1.CS | N/A     | RVBD   | 1265-2      | M-1159D-506 SH1 | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
|          |       |         |        |             |                 |          | VT-3/4       | BL           |                 |
| FA       | F1.CS | N/A     | RVBD   | 1265-2      | M-1159D-509     | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | RWCU   | 1201-8      | M-1159D-3       | CL 1 SNB | VT-3/4       | OTHR         | See Section III |
| FA       | F1.CS | N/A     | RWCU   | 1201-8      | M-1159D-4       | CL 1 SNB | VT-3/4<br>FT | OTHR<br>OTHR | Acceptable      |
| FA       | F1.CS | N/A     | SBLC   | 1102-1.5    | M-1154D-262     | CL 1 SUP | VT-3/4       | ΧI           | See Section III |
| FA       | F1.CS | N/A     | SBLC   | 1102-1.5    | M-1154D-263     | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | SBLC   | 1102-1.5    | M-1154D-264     | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | SBLC   | 1102-1.5    | M-1154D-265     | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |

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# Section II Scope of Inspection

| Category | Item  | Augment | System | Line     | Component    | Туре     | Exam         | Credit       | Results         |
|----------|-------|---------|--------|----------|--------------|----------|--------------|--------------|-----------------|
| FA       | F1.CS | N/A     | SBLC   | 1102-1.5 | M-1154D-266  | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | SBLC   | 1102-1.5 | M-1154D-267  | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | SBLC   | 1102-1.5 | M-1154D-268  | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | SBLC   | 1102-1.5 | M-1154D-3    | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | SBLC   | 1102-1.5 | M-1154D-55   | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | SBLC   | 1102-1.5 | M-1154D-556  | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | SBLC   | 1102-1.5 | M-1154D-59   | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | SBLC   | 1102-1.5 | X-130-F      | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | SDC    | 1001A-14 | M-1165D-252  | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | SDC    | 1001A-16 | M-1159D-2    | CL 1 SNB | VT-3/4<br>FT | OTHR<br>OTHR | See Section III |
| FA       | F1.CS | N/A     | SDC    | 1001A-16 | M-1165D-251  | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | SDC    | 1001A-16 | X-111A-F     | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | SDC    | 1001B-14 | M-1165D-53   | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | SDC    | 1001B-16 | M-1165D-52   | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F1.CS | N/A     | SDC    | 1001B-16 | X-111B-F     | CL 1 SUP | VT-3/4       | ΧI           | See Section III |
| FA       | F1.CS | N/A     | SDC    | 1001C-14 | M-1165D-51   | CL 1 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | CRDSD  | 0318A-20 | M-1152D-1201 | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | CRDSD  | 0318A-20 | M-1152D-1202 | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | CRDSD  | 0318B-20 | M-1152D-1251 | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | CRDSD  | 0318B-20 | M-1152D-1252 | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | CRDSD  | 0408A-6  | M-1152D-1010 | CL 2 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F2.CS | N/A     | CSAD   | 1403-10  | M-1150D-56   | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | CSAD   | 1403-10  | M-1150D-57   | CL 2 SUP | VT-3/4       | ΧI           | See Section III |
| FA       | F2.CS | N/A     | CSAD   | 1403-12  | M-1150D-260  | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | CSAD   | 1403-12  | M-1150D-51   | CL 2 SUP | VT-3/4       | . XI         | Acceptable      |
| FA       | F2.CS | N/A     | CSAD   | 1403-12  | M-1150D-52   | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | CSAD   | 1403-12  | M-1150D-53   | CL 2 SUP | VT-3/4       | ΧI           | See Section III |
| FA       | F2.CS | N/A     | CSAD   | 1403-12  | M-1150D-54   | CL 2 SUP | VT-3/4       | Χl           | Acceptable      |
| FA       | F2.CS | N/A     | CSAS   | 1401-16  | M-3202-34    | CL 2 SUP | VT-3/4       | ΧI           | See Section III |
| FA       | F2.CS | N/A     | CSAS   | 1401-16  | M-3202-35    | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | CSBD   | 1404-10  | M-3209-33    | CL 2 SUP | VT-3/4       | ΧI           | See Section III |
| FA       | F2.CS | N/A     | CSBD   | 1404-10  | M-3209-36    | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | CSBD   | 1404-12  | M-3209-20    | CL 2 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F2.CS | N/A     | CSBD   | 1404-12  | M-3209-21    | CL 2 SNB | VT-3/4       |              | Acceptable      |
| FA       | F2.CS | N/A     | CSBD   | 1404-12  | M-3209-27    | CL 2 SUP | VT-3/4       | ΧI           | See Section III |
| FA       | F2.CS | N/A     | CSBD   | 1404-12  | M-3209-28    | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | CSBD   | 1404-12  | M-3209-30    | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | CSBD   | 1404-12  | M-3209-31    | CL 2 SUP | VT-3/4       | ΧI           | See Section III |
| FA       | F2.CS | N/A     | CSBD   | 1404-12  | M-3209-34    | CL 2 SUP | VT-3/4       | ΧI           | See Section III |

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450

# Section II Scope of Inspection

| Category | Item  | Augment | System | Line        | Component   | Туре     | Exam             | Credit       | Results         |
|----------|-------|---------|--------|-------------|-------------|----------|------------------|--------------|-----------------|
| FA       | F2.CS | N/A     | CSBS   | 1402-16     | M-3204-14   | CL 2 SUP | VT-3/4           | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | CSBS   | PMP 2B-1401 | M-1150D-265 | CL 2 SUP | VT-3/4           | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | HPCIPD | 2304-14     | M-1151D-281 | CL 2 SUP | VT-3/4           | BL           | Acceptable      |
| FA       | F2.CS | N/A     | HPCIPD | 2304-14     | M-1151D-282 | CL 2 SUP | VT-3/4           | BL           | Acceptable      |
| FA       | F2.CS | N/A     | HPCIPD | 2304-14     | M-1151D-283 | CL 2 SUP | VT-3/4           | BL           | Acceptable      |
| FA       | F2,CS | N/A     | HPCISS | 2305-10     | M-1151D-113 | CL 2 SNB | VT-3/4           | OTHR         | Acceptable      |
| FA       | F2.CS | N/A     | HPCISS | 2305-10     | M-1151D-114 | CL 2 SNB | VT-3/4<br>FT     | OTHR<br>OTHR | Acceptable      |
| FA       | F2.CS | N/A     | ISCOCR | 1303-12     | M-1163D-51  | CL 2 SNB | VT-3/4           | OTHR         | Acceptable      |
| FA       | F2.CS | N/A     | ISCOCR | 1303-12     | M-1163D-72  | CL 2 SNB | VT-3/4           | OTHR         | Acceptable      |
| FA       | F2.CS | N/A     | ISCOCR | 1303-12     | M-1163D-80  | CL 2 SNB | VT-3/4<br>FT     | OTHR<br>OTHR | Acceptable      |
| FA       | F2.CS | N/A     | ISCOCR | 1303-12     | M-1163D-81  | CL 2 SNB | VT-3/4           | OTHR         | Acceptable      |
| FA       | F2.CS | N/A     | LPCIAD | 1503A-14    | M-3214-31   | CL 2 SUP | VT-3/4           | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCIAD | 1503B-14    | M-3214-30   | CL 2 SUP | VT-3/4           | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCIAD | 1504-10     | M-3213-18   | CL 2 SNB | VT-3/4           | OTHR         | Acceptable      |
| FA       | F2.CS | N/A     | LPCIAD | 1504-16     | M-3213-12   | CL 2 SNB | VT-3/4           | OTHR         | Acceptable      |
| FA       | F2.CS | N/A     | LPCIAD | 1504-16     | M-3213-16   | CL 2 SUP | VT-3/4           | BL           | Acceptable      |
| FA       | F2.CS | N/A     | LPCIAD | 1506-18     | M-3208-05   | CL 2 SUP | VT-3/4           | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCIAD | 1506-18     | M-3208-11   | CL 2 SUP | VT-3/4           | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCIAD | 1506-18     | M-3208-13   | CL 2 SUP | VT-3/4           | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCIAD | 1506-18     | M-3208-14   | CL 2 SUP | VT-3/4           | ΧI           | See Section III |
| FA       | F2.CS | N/A     | LPCIAD | 1506-18     | M-3213-06   | CL 2 SUP | VT-3/4           | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCIAD | 1506-18     | M-3213-07   | CL 2 SUP | VT-3/4           | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCIAD | 1506-18     | M-3213-08   | CL 2 SUP | VT-3/4           | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCIAD | 1534-18     | M-3214-41   | CL 2 SUP | VT-3/4           | ΙX           | Acceptable      |
| FA       | F2.CS | N/A     | LPCIAD | 1534-18     | M-3214-42   | CL 2 SUP | VT-3/4           | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCIBD | 1509-16     | M-3214-03   | CL 2 SUP | VT-3/4<br>VT-3/4 | XI<br>BL     | Acceptable      |
| FA       | F2.CS | N/A     | LPCIBD | 1509-16     | M-3214-05   | CL 2 SUP | VT-3/4           | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCIBD | 1509-16     | M-3214-11   | CL 2 SUP | VT-3/4<br>VT-3/4 | XI<br>BL     | See Section III |
| FA       | F2.CS | N/A     | LPCIBD | 1509-16     | M-3214-14   | CL 2 SUP | VT-3/4           | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCIBD | 1509-16     | M-3214-17   | CL 2 SUP | VT-3/4           | BL           | Acceptable      |
| FA       | F2.CS | N/A     | LPCIBD | 1509-16     | M-3214-21   | CL 2 SUP | VT-3/4           | XI           | See Section III |
| FA       | F2.CS | N/A     | LPCIBD | 1519-18     | M-3209-03   | CL 2 SUP | VT-3/4           | ΧI           | See Section III |
| FA       | F2.CS | N/A     | LPCIBD | 1519-18     | M-3209-11   | CL 2 SUP | VT-3/4           | ΧI           | See Section III |
| FA       | F2.CS | N/A     | LPCIBD | 1519-18     | M-3209-12   | CL 2 SUP | VT-3/4           | ΧI           | See Section III |
| FA       | F2.CS | N/A     | LPCIBD | 1519-18     | M-3209-13   | CL 2 SUP | VT-3/4           | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCIBD | 1519-18     | M-3214-08   | CL 2 SUP | VT-3/4           | ΧI           | See Section III |

# Section II Scope of Inspection

| Category | ltem  | Augment | System | Line         | Component    | Туре     | Exam         | Credit       | Results         |
|----------|-------|---------|--------|--------------|--------------|----------|--------------|--------------|-----------------|
| FA       | F2.CS | N/A     | LPCIBD | 1519-18      | M-3214-09    | CL 2 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F2.CS | N/A     | LPCIBD | 1519-18      | M-3214-20    | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCIBD | 1519-18      | M-3214-36    | CL 2 SUP | VT-3/4       | ΧI           | See Section III |
| FA       | F2.CS | N/A     | LPCIHX | HTEX 2B-1503 | M-1164D-578  | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCIHX | HTEX 2B-1503 | M-1164D-579  | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCITR | 1517-14      | M-3208-02    | CL 2 SUP | VT-3/4       | XI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCITR | 1517-14      | M-3208-03    | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCITR | 1517-14      | M-3208-04    | CL 2 SUP | VT-3/4       | Χl           | Acceptable      |
| FA       | F2.CS | N/A     | LPCITR | 1517-14      | M-3208-06    | CL 2 SUP | VT-3/4       | OTHR         | Acceptable      |
| FA       | F2.CS | N/A     | LPCITR | 1517-14      | M-3208-07    | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCITR | 1517-14      | M-3208-09    | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCITR | 1517-16      | M-1164D-569  | CL 2 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F2.CS | N/A     | LPCITR | 1522-14      | M-3209-05    | CL 2 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F2.CS | N/A     | LPCITR | 1522-14      | M-3209-07    | CL 2 SNB | VT-3/4       | OTHR         | Acceptable      |
| FA       | F3.CS | N/A     | CCSW   | 1510-16      | M-1164D-149  | CL 3 SUP | VT-3/4       | IX           | See Section III |
| FA       | F3.CS | N/A     | ccsw   | 1510-16      | M-1164D-285  | CL 3 SUP | VT-3/4       | XI           | Acceptable      |
| FA       | F3.CS | N/A     | ccsw   | 1510-16      | M-1164D-288  | CL 3 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F3.CS | N/A     | ccsw   | 1510-16      | M-1164D-290  | CL 3 SUP | VT-3/4       | . XI         | Acceptable      |
| FA       | F3.CS | N/A     | ccsw   | 1510A-10     | M-1164D-88   | CL 3 SUP | VT-3/4       | XI           | Acceptable      |
| FA       | F3.CS | N/A     | ccsw   | 1510B-10     | M-1164D-89   | CL 3 SUP | VT-3/4       | XI           | Acceptable      |
| FA       | F3.CS | N/A     | CCSW   | 1514-16      | M-1164D-262  | CL 3 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F3.CS | N/A     | CCSW   | 1514-16      | M-1164D-264  | CL 3 SUP | VT-3/4       | ΧI           | See Section III |
| FA       | F3.CS | N/A     | CCSW   | 1514-16      | M-1164D-93   | CL 3 SUP | VT-3/4       | ΧI           | See Section III |
| FA       | F3.CS | N/A     | ccsw   | 1514C-10     | M-1164D-261  | CL 3 SUP | VT-3/4       | ΧI           | See Section III |
| FA       | F3.CS | N/A     | ccsw   | 1514C-10     | M-1164D-64   | CL 3 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F3.CS | N/A     | DGSW   | 3930-6       | M-4043       | CL 3 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F3.CS | N/A     | DGSW   | 3930-8       | M-1162D-109  | CL 3 SUP | VT-3/4       | Χl           | Acceptable      |
| FA       | F3.CS | N/A     | DGSW   | 3930-8       | M-1162D-141  | CL 3 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F3.CS | N/A     | DGSW   | 3930-8       | M-1162D-142  | CL 3 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F3.CS | N/A     | DGSW   | 3930-8       | M-1162D-145  | CL 3 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F3.CS | N/A     | DGSW   | 3930-8       | M-1162D-147  | CL 3 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F3.CS | N/A     | DGSW   | 3930-8       | M-1162D-267  | CL 3 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F3.CS | N/A     | DGSW   | 3930-8       | M-1162D-268  | CL 3 SUP | VT-3/4       | ΧI           | Acceptable      |
| FA       | F3.CS | N/A     | DGSW   | 3930-8       | M-1162D-575  | CL 3 SUP | VT-3/4       | XI           | Acceptable      |
| FA       | F3.CS | N/A     | DGSW   | 3930-8       | M-1162D-577  | CL 3 SUP | VT-3/4       | XI           | Acceptable      |
| FA       | F3.CS | N/A     | DGSW   | 3930-8       | M-1162D-578  | CL 3 SUP | VT-3/4       | XI           | Acceptable      |
| FA       | F3.CS | N/A     | DGSW   | 3930-8       | M-4044       | CL 3 SUP | VT-3/4       | XI           | Acceptable      |
| FA       | F3.CS | N/A     | SRVDA  | 3019A-8      | M-1135 SHT 5 | CL 3 SNB | VT-3/4       | XI           | Acceptable      |
| FA       | F3.CS | N/A     | SRVDA  | 3019A-8      | M-1135 SHT 6 | CL 3 SNB | VT-3/4<br>FT | OTHR<br>OTHR | Acceptable      |

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# Section II Scope of Inspection

| Category | Item  | Augment | System | Line    | Component     | Туре     | Exam   | Credit | Results         |
|----------|-------|---------|--------|---------|---------------|----------|--------|--------|-----------------|
| FA       | F3.CS | N/A     | SRVDA  | 3019A-8 | M-564E SHT 10 | CL 3 SNB | VT-3/4 | OTHR   | Acceptable      |
| FA       | F3.CS | N/A     | SRVDA  | 3019A-8 | M-564E SHT 11 | CL 3 SNB | VT-3/4 | OTHR   | Acceptable      |
| FA       | F3.CS | N/A     | SRVDA  | 3019A-8 | M-564E SHT 12 | CL 3 SUP | VT-3/4 | XI     | Acceptable      |
| FA       | F3.CS | N/A     | SRVDA  | 3019A-8 | M-564E SHT 14 | CL 3 SUP | VT-3/4 | XI     | See Section III |
| FA       | F3.CS | N/A     | SRVDA  | 3019A-8 | M-564E SHT 17 | CL 3 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F3.CS | N/A     | SRVDA  | 3019A-8 | M-564E SHT 18 | CL 3 SUP | VT-3/4 | Χl     | Acceptable      |
| FA       | F3.CS | N/A     | SRVDA  | 3019A-8 | M-564E SHT 21 | CL 3 SUP | VT-3/4 | ΧI     | Acceptable      |
| FA       | F3.CS | N/A     | SRVDB  | 3019B-8 | M-564F SHT 15 | CL 3 SNB | VT-3/4 | OTHR   | Acceptable      |
|          |       |         |        |         |               |          | FT     | OTHR   |                 |
| FA       | F3.CS | N/A     | SRVDC  | 3019C-8 | M-564G SHT 8  | CL 3 SNB | VT-3/4 | OTHR   | Acceptable      |
| FA       | F3.CS | N/A     | SRVDC  | 3019C-8 | M-564G SHT 9  | CL 3 SNB | VT-3/4 | OTHR   | Acceptable      |
| FA       | F3.CS | N/A     | SRVDD  | 3019D-8 | M-564H SHT 9  | CL 3 SNB | VT-3/4 | OTHR   | Acceptable      |
| FA       | F3.CS | N/A     | SRVDE  | 3019E-8 | M-564E SHT 6  | CL 3 SNB | VT-3/4 | OTHR   | Acceptable      |

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## Section II Scope of Inspection

### Expansions Table B

| Category | Item  | Augment | System        | Line       | Component   | Туре     | Exam   | Credit Results  |
|----------|-------|---------|---------------|------------|-------------|----------|--------|-----------------|
| BA       | B1.40 | N/A     | RPV           | RPV UPP HD | 2-THD-FLGD  | THD-FLG  | UT     | Acceptable      |
| BA       | B1.40 | N/A     | RPV           | RPV UPP HD | 2-THD-FLGE  | THD-FLG  | UT     | Acceptable      |
| ВА       | B1.40 | N/A     | RPV           | RPV UPP HD | 2-THD-FLGF  | THD-FLG  | UT     | Acceptable      |
| FA       | F2.CS | N/A     | CSAD          | 1403-12    | M-1150D-259 | CL 2 SUP | VT-3/4 | See Section III |
| FA       | F2.CS | N/A     | CSAD          | 1403-12    | M-1150D-58  | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | CSAD          | 1403-12    | M-1150D-59  | CL 2 SUP | VT-3/4 | See Section III |
| FA       | F2.CS | N/A     | CSAD          | 1403-12    | M-3208-10   | CL 2 SUP | VT-3/4 | See Section III |
| FA       | F2.CS | N/A     | CSAD          | 1406-8     | M-3208-08   | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | CSBD          | 1404-12    | M-3209-26   | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | HPCIPD        | 2304-14    | M-1151D-138 | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | HPCIPD        | 2304-14    | M-1151D-147 | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | HPCIPD        | 2304-14    | M-1151D-89  | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | <b>HPCISS</b> | 2305-10    | 2305-M-202  | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | <b>HPCISS</b> | 2305-10    | 2305-M-213  | CL 2 SUP | VT-3/4 | See Section III |
| FA       | F2.CS | N/A     | <b>HPCISS</b> | 2305-10    | M-1151D-294 | CL 2 SUP | VT-3/4 | See Section III |
| FA       | F2.CS | N/A     | <b>HPCISS</b> | 2305-10    | M-1151D-296 | CL 2 SUP | VT-3/4 | See Section III |
| FA       | F2.CS | N/A     | <b>HPCITE</b> | 2306-24    | M-3212-08   | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | LPCIBD        | 1509-18    | M-3214-06   | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | · N/A   | LPCIBD        | 1509-18    | M-3214-35   | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F3.CS | N/A     | ccsw          | 1514-16    | M-1164D-268 | CL 3 SUP | VT-3/4 | See Section III |

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### Reinspections Table C

| Category | ltem  | Augment | System        | Line     | Component   | Туре     | Exam   | Credit Results  |
|----------|-------|---------|---------------|----------|-------------|----------|--------|-----------------|
| FA       | F1.CS | N/A     | HPCISS        | 2305-10  | M-1151D-3   | CL 1 SUP | VT-3/4 | Acceptable      |
| FA       | F1.CS | N/A     | ISCOSS        | 1302-14  | M-1163D-262 | CL 1 SUP | VT-3/4 | Acceptable      |
| FA       | F1.CS | N/A     | RWCU          | 1201-8   | M-1159D-262 | CL 1 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | CSBD          | 1404-12  | M-3209-04   | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | CSBS          | 1402-16  | M-3204-03   | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | CSBS          | 1402-16  | M-3204-03   | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | HPCIPD        | 2304-14  | M-1151D-276 | CL 2 SUP | VT-3/4 | See Section III |
| FA       | F2.CS | N/A     | <b>HPCIPS</b> | 2302-16  | M-3202-32   | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | <b>HPCIPS</b> | 2302-16  | M-3205-03   | CL 2 SUP | VT-3/4 | See Section III |
| FA       | F2.CS | · N/A   | <b>HPCIPS</b> | 2302-16  | M-3205-03   | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | <b>HPCIPS</b> | 2302-16  | M-3205-08   | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | <b>HPCIPS</b> | 2302-16  | M-3205-09   | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | HPCIPS        | 2302-16  | M-3205-10   | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | <b>HPCISS</b> | 2305-10  | 2305-M-206  | CL 2 SUP | VT-3/4 | See Section III |
| FA       | F2.CS | N/A     | HPCISS        | 2305-10  | 2305-M-208  | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | HPCISS        | 2305-10  | 2305-M-215  | CL 2 SUP | VT-3/4 | See Section III |
| FA       | F2.CS | N/A     | HPCISS        | 2305-10  | 2305-M-222  | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | HPCISS        | 2305-10  | 2305-M-226  | CL 2 SUP | VT-3/4 | See Section III |
| FA       | F2.CS | N/A     | HPCISS        | 2305-10  | 2305-M-228  | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | HPCISS        | 2305-10  | 2305-M-232  | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | HPCISS        | 2305-10  | 2305-M-234  | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | HPCISS        | 2305-10  | 2305-M-235  | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | HPCISS        | 2305-10  | M-1151D-132 | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | HPCISS        | 2305-10  | M-1151D-280 | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | HPCISS        | 2305-10  | M-1151D-291 | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | HPCISS        | 2305-10  | M-1151D-292 | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | HPCITE        | 2306-24  | M-3212-04   | CL 2 SUP | VT-3/4 | See Section III |
| FA       | F2.CS | N/A     | HPCITE        | 2306-24  | M-3212-05   | CL 2 SUP | VT-3/4 | See Section III |
| FA       | F2.CS | N/A     | HPCITE        | 2306-24  | M-3212-06   | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | HPCITE        | 2306-24  | M-3212-07   | CL 2 SUP | VT-3/4 | See Section III |
| FA       | F2.CS | N/A     | ISCOSS        | 1302B-12 | M-1163D-82  | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F2.CS | N/A     | LPCIAD        | 1504-18  | M-3213-19   | CL 2 SUP | VT-3/4 | See Section III |
| FA       | F2.CS | N/A     | LPCIAS        | 1502-24  | M-3202-33   | CL 2 SUP | VT-3/4 | Acceptable      |
| FA       | F3.CS | N/A     | CCSW          | 1510-16  | 2-1510-H42  | CL 3 SUP | VT-3/4 | Acceptable      |
| FA       | F3.CS | N/A     | ccsw          | 1510-16  | M-1164D-101 | CL 3 SUP | VT-3/4 | Acceptable      |
| FA       | F3.CS | N/A     | CCSW          | 1510-16  | M-1164D-104 | CL 3 SUP | VT-3/4 | Acceptable      |
| FA       | F3.CS | N/A     | CCSW          | 1510-16  | M-1164D-108 | CL 3 SUP | VT-3/4 | Acceptable      |
| FA       | F3.CS | N/A     | CCSW          | 1510-16  | M-1164D-110 | CL 3 SUP | VT-3/4 | Acceptable      |
| FA       | F3.CS | N/A     | CCSW          | 1510-16  | M-1164D-122 | CL 3 SUP | VT-3/4 | •               |
| FA       | F3.CS | N/A     | ccsw          | 1510-16  | M-1164D-123 | CL 3 SUP | VT-3/4 | Acceptable      |

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# Section II Scope of Inspection

#### Reinspections Table C

| Category | r Item | Augment | System | Line     | Component   | Туре     | Exam   | Credit Results  |
|----------|--------|---------|--------|----------|-------------|----------|--------|-----------------|
| FA       | F3.CS  | N/A     | ccsw   | 1510-16  | M-1164D-283 | CL 3 SUP | VT-3/4 | Acceptable      |
| FA       | F3.CS  | N/A     | ccsw   | 1510-16  | M-1164D-284 | CL 3 SUP | VT-3/4 | Acceptable      |
| FA       | F3.CS  | N/A     | ccsw   | 1510-16  | M-1164D-286 | CL 3 SUP | VT-3/4 | See Section III |
| FA       | F3.CS  | N/A     | ccsw   | 1510-16  | M-1164D-81  | CL 3 SUP | VT-3/4 | Acceptable      |
| FA       | F3.CS  | N/A     | ccsw   | 1510-16  | M-1164D-98  | CL 3 SUP | VT-3/4 | Acceptable      |
| FA       | F3.CS  | N/A     | ccsw   | 1510-16  | M-1164D-99  | CL 3 SUP | VT-3/4 | Acceptable      |
| FA       | F3.CS  | N/A     | CCSW   | 1510A-10 | M-1164D-282 | CL 3 SUP | VT-3/4 | Acceptable      |
| FA       | F3.CS  | N/A     | DGSW   | 3931-8   | M-1162D-317 | CL 3 SUP | VT-3/4 | Acceptable      |



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## Section II Scope of Inspection

### Summary of Vessel Interior Examinations Attachment A

During the D2R14 refueling outage, comprehensive visual and ultrasonic examinations of reactor vessel internal components were conducted to provide a re-baselining assessment of the current material condition of the RPV internals. These examinations also served to meet ASME Code and augmented inspection requirements. The specific components examined, the methods utilized, and the examination results are provided below.

#### Miscellaneous Reactor Vessel Internals Inspections

A visual inspection of the reactor vessel internals was conducted utilizing underwater video cameras in accordance with DTS 0200-02. The specific components examined included all 6 surveillance sample holder brackets and welds, both steam dryer guide rods and wall bracket welds, all 4 steam dryer wail lugs and welds, both shroud head guide rods and wall bracket welds, all 12 SRM/IRM dry tubes, 24 shroud head bolt lug sets and welds, both access hole cover replacements, and general areas of cladding.

Where possible, examinations of weld heat affected zones were performed using enhanced visual techniques capable of discerning a 0.5 Mil fine wire placed against the inspection surface. No adverse conditions were noted during the course of these examinations.

#### Core Shroud Inspections

The core shroud examinations were performed in conjunction with a comprehensive shroud repair to assure that structural integrity of the core shroud is maintained. The examinations of the reactor core shroud were performed in accordance with ComEd's commitment to NRC Generic Letter 94-03 and BWRVIP guidelines.

The examinations of the core shroud consisted of ultrasonic examination (UT) of the vertical shroud welds that could be accessed using the remote area scanner system and enhanced visual examination of the remaining design reliant welds and structures. The ultrasonic examinations were performed in accordance with the BWRVIP "Standards for Ultrasonic Examination of Core Shroud Welds" and the visual examinations were performed in accordance with the BWRVIP "Standards for Visual Inspections of Core Shrouds". Also, eddy current was successfully used as an aid in identifying the location of ring segment welds associated with the shroud head flange ring, the top guide support ring, and the core plate support ring.

The following is a summary of the core shroud examination scope and results. Details of the specific areas examined and the results of the examinations are presented in Attachment I.

The ultrasonic examination scope consisted of shroud vertical welds V14 through V19 (located in the beltline region between horizontal welds H3 and H5), and V28 (located between horizontal welds H6 and H7).
 Approximately 27 inches, or between 30% and 50% of the total length of each vertical weld, was examined. These examinations resulted in no reportable indications.



### Summary of Vessel Interior Examinations Attachment A

• The enhanced visual examination scope consisted of the ring segment welds associated with the shroud head flange ring, top guide support ring, and core plate support ring; vertical welds V1, V2, V3, V26, and V27; the H8 and H9 horizontal welds at the shroud repair hardware locations; and the shroud repair hardware attachment sites at the shroud head flange ring and the jet pump support plate. These examinations resulted in no reportable indications in the area of interest.

However, circumferential cracking associated with the H3 and H5 welds was identified during performance of the ring segment weld examinations. The H3 and H5 welds were not part of the core shroud examination scope per the Inspection Plan submitted to the NRC, because the installed comprehensive shroud repair was designed to structurally replace horizontal shroud welds H1 through H7. Therefore, the observed cracking has no adverse impact on core shroud structural integrity. Details of the cracking observed in the H3 and H5, welds are provided for information below.

One circumferential crack indication approximately 2 inches long was identified in the core plate support ring, and significant circumferential cracking (approximately 60 inches, or 85% of the of the area examined) was identified in the top guide support ring. The crack indication in the core plate support ring is located on the OD surface and is associated with the lower heat affected zone (HAZ) of the horizontal H5 weld. The cracking in the top guide support ring is located on the ID surface and is predominantly associated with the upper HAZ of the horizontal H3 weld, although some minor cracking (less than 12 inches) was also identified in the shroud plate material associated with the lower HAZ of the H3 weld.

In summary, the examinations of the core shroud design reliant structures performed at Dresden Unit 2 resulted in no indications of cracking in the areas of interest.

#### **Core Spray Inspections**

A visual inspection of the internal core spray components was conducted utilizing underwater video cameras in accordance with DTS 0200-02. The specific components examined included 100% of the "A" and "B" loop: header and downcomer piping and piping welds, header tee-boxes and tee-box assembly welds, vessel thermal sleeves, header piping brackets and welds, shroud penetration thermal sleeves and welds, sparger tee-boxes and welds, sparger piping, and sparger support brackets and welds.

All examinations were conducted using enhanced visual techniques capable of discerning at least a 1.0 Mil fine wire placed against the inspection surface and, where possible, techniques used to examine weld heat affected zones were capable of discerning a 0.5 Mil fine wire. A synopsis of the flaw indications identified is provided below.

Crack indications were observed at three locations on the core spray downcomers. One each in the "B" loop lower sparger inlet elbow and thermal sleeve collar and one in the "A" loop upper sparger inlet thermal sleeve collar. Upon completion of sizing the cracks using visual techniques, an ultrasonic examination technique was developed to characterize the length of the OD connected flaws and to detect any ID connected flaws on the components which may have been less than through-wall. The technique was qualified by GE using mock-ups and the qualification process was independently reviewed by EPRI. Attachment II provides the results of these examinations, including the final as-reported flaw lengths.

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#### Section II Scope of Inspection

### Summary of Vessel Interior Examinations Attachment A

An evaluation of the as-reported core spray flaws was conducted by Sargent & Lundy utilizing limit load analysis techniques (Report Number SL-5019, Rev.0, Dresden 2 Core Spray Flaw Evaluation Report). The results of this analysis demonstrate that the core spray downcomer piping is capable of withstanding all normal operating and design basis loading conditions in it's current degraded condition for a minimum of one operating cycle. Consequently, no repairs were implemented during this outage. The existing cracking must be reinspected during the D2R15 refuel outage to determine whether continued operation after the D2R15 refuel outage without repair is warranted.

#### Feedwater Sparger Inspections

A visual inspection of the feedwater spargers was conducted utilizing underwater video cameras in accordance with DTS 0200-02. The specific components examined included 100% of the accessible portions of the four feedwater spargers and sparger assembly welds, the individual nozzles on each sparger, the bore region on all four feedwater nozzles, all eight sparger wall brackets and welds, and the eight end mounting bracket assemblies and welds.

All examinations were conducted using enhanced visual techniques capable of discerning at least a 1.0 Mil fine wire placed against the inspection surface and, where possible, techniques used to examine weld heat affected zones were capable of discerning a 0.5 Mil fine wire. No adverse conditions were noted during the course of these examinations.

#### **Jet Pump Inspections**

A visual inspection of all 20 jet pump assemblies was conducted utilizing underwater video cameras in accordance with DTS 0200-02. The specific components examined included: hold down beams, beam bolt keepers, lockplates and retainers; restrainer wedges, stops, adjusting screws, clamp bolts and keepers; riser brace assemblies, adapters and baffle plate welds, sensing lines and sensing line brackets.

Where possible, examinations of weld heat affected zones were performed using enhanced visual techniques capable of discerning a 0.5 Mil fine wire placed against the inspection surface. No adverse conditions were noted during the course of these examinations.

#### Jet Pump Hold Down Beam Ultrasonic Examinations

An ultrasonic examination of all twenty jet pump hold down beams was conducted in accordance with NDT-C-29, utilizing the new examination fixture purchased from Siemens Power Corporation. This fixture is capable of detecting flaws in the bolt area of the beam as well as in the engagement ears. This examination identified a crack indication in the shroud side engagement ear of jet pump beam #20. The beam was replaced with a BWR 4 style beam by personnel from GE Nuclear Energy under work request 950068439.



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### Section II Scope of Inspection

### Summary of Vessel Interior Examinations Attachment A

#### Shroud Head Bolt Ultrasonic Examinations

•

An ultrasonic examination of all 48 shroud head bolts was conducted in accordance with NDT-C-49. This examination identified crack indications in 7 previously unflawed bolts and reconfirmed the crack indication in one previously flawed bolt. None of the crack indications observed were through wall, as evidenced by the presence of a back signal from the end of the bolt. Two of the cracked bolts were shuffled to different locations around the shroud head under work request 950092356, in order to avoid operating with more than one cracked bolt in a row. Per previous analysis, only 24 bolts, evenly spaced, are required to prevent flange distortion under all operating and design basis conditions.

See the attached Figure 1 for the "as-found" distribution of flawed shroud head bolts, and Figure 2 for the "as-left" distribution of flawed shroud head bolts.

#### **Top Guide Inspections**

A visual inspection of the top guide was conducted utilizing underwater video cameras in accordance with DTS 0200-02 and the recommendations contained in GE SILs 554 and 588. The specific components examined included the underside of the "egg crate" at five high fluence cell locations, all four alignment pins, welded blocks and associated hardware, and approximately 24 inches of the top guide rim to lower ledge weld area at two locations, approximately 180 degrees apart.

This was a "best effort" examination in very difficult to reach areas. However, where possible, examinations of weld heat affected zones were performed using enhanced visual techniques capable of discerning a 0.5 Mil fine wire placed against the inspection surface. No adverse conditions were noted during the course of these examinations.

#### **Lower Plenum Inspections**

During the bottom head drain line unplugging project, access to the lower plenum was gained through the removal of two control rod guide tubes at the center of the vessel. A visual inspection of the components made accessible through removal of the control rod guide tubes was conducted utilizing underwater video cameras in accordance with DTS 0200-02 and GE recommendations. The specific components examined included the accessible portions of the following components:

- 4 incore guide tube to housing welds
- 4 incore housing to vessel bottom head welds
- 4 incore guide tube stabilizers
- 2 core plate control rod guide tube guide pins
- Core plate stiffener beam to core plate stitch welds in the areas adjacent to the two removed control rod guide tubes (included 2 complete stitch welds adjacent to each hole)
- Core plate stiffener rod to beam (or pipe sleeve) welds in the areas adjacent to the two removed control rod guide tubes (included both upper and lower rods adjacent to each hole)
- 3 CRD housing tube to housing cap welds
- 14 CRD housing to CRD stub tube welds
- 14 CRD stub tube to vessel bottom head welds



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## Section II Scope of Inspection

### Summary of Vessel Interior Examinations Attachment A

- 11 control rod guide tube lower assembly welds
- 2 control rod guide tube upper assembly welds
- 4 control rod guide tube alignment ear welds
- Vessel bottom head cladding adjacent to the bottom head drain

This was a "best effort" examination in very difficult to reach areas. However, where possible, examinations of weld heat affected zones were performed using enhanced visual techniques capable of discerning a 0.5 Mil fine wire placed against the inspection surface. No adverse conditions were noted during the course of these examinations.

#### **Steam Dryer Inspections**

A visual inspection of the steam dryer was conducted utilizing underwater video cameras in accordance with DTS 0200-02. The specific components examined included all 4 lifting eye assemblies, all 12 drain channels, tie bar assemblies, upper support ring, upper support ring to skirt weld, vertical skirt welds, guides, lower support ring to skirt weld, dryer bank assembly welds, and all 4 steam dryer hold down assemblies.

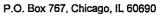
No adverse conditions were noted during the course of these examinations.

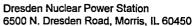
#### Steam Separator Inspections

A visual inspection of the steam separator was conducted utilizing underwater video cameras in accordance with DTS 0200-02. The specific components examined included all 4 lifting eye assemblies and attachment welds, peripheral standpipes and assembly welds, tie bars and attachment welds, and the shroud head flange area.

No adverse conditions were noted during the course of these examinations.







### Section II **Scope of Inspection**

#### **Summary of Vessel Interior Examinations** Attachment A

#### Attachment I **Core Shroud Examination Summary**

| Component  | Area Inspected   | Inspection Results                               |
|--|--|--|
| Shroud Head Flange<br>Ring Segment Welds: V1<br>Through V4   | Enhanced visual examination of 12" length of ring material encompassing each weld. Inspected OD, ID and Top of ring.                         | No Reportable Indications                        |
| Top Guide Support Ring<br>Segment Welds:<br>V8 Through V13   | Enhanced visual examination of 12" length of ring material encompassing each weld. Inspected OD, ID and Bottom of ring.                      | No Reportable Indications in<br>Area of Interest |
| Core Plate Support Ring<br>Segment Welds:<br>V20 Through V25 | Enhanced visual examination of 12" length of ring material encompassing each weld. Inspected OD and Bottom of ring.                          | No Reportable Indications in<br>Area of Interest |
| Vertical Welds:<br>V14 Through V19<br>and V28                | Ultrasonic examination of 27", or between 30% and 50% of each weld.  | No Reportable Indications                        |
| Vertical Welds:<br>V5, V6, V7, V26, and V27                  | Enhanced visual examination of 24", or between 43% and 72% of each weld from the OD surface. (ID surface was not accessible)                 | No Reportable Indications                        |
| Jet Pump Support Plate<br>to Shroud Support Ring<br>Weld H8  | Enhanced visual examination of 12" of weld in area of repair hardware attachments at 4 locations: 20°, 110°, 200°, and 290° Az               | No Reportable Indications                        |
| Jet Pump Support Plate<br>to RPV Weld<br>H9                  | Enhanced visual examination of 12" of weld in area of repair hardware attachments at 4 locations: 20°, 110°, 200°, and 290° Az               | No Reportable Indications                        |
| Jet Pump Support Plate                                       | Enhanced visual examination of repair hardware attachment areas both prior to and following EDM at 4 locations: 20°, 110°, 200°, and 290° Az | No Reportable Indications                        |
| Shroud Head Flange<br>Ring                                   | Enhanced visual examination of repair hardware attachment areas both prior to and following EDM at 4 locations: 20°, 110°, 200°, and 290° Az | No Reportable Indications                        |

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#### Section II Scope of Inspection

### Summary of Vessel Interior Examinations Attachment A

| Attachment II  |   |  |  |  |  |
|--|---|--|--|--|--|
| GE Nuclear Energy  | EXAMINATION SUMMARY SHEET REPORT NO.: R-500   |  |  |  |  |
| PROJECT: DRESDEN Unit 2 D2R14                                      | PROCEDURE: <u>GE-UT-507</u> REV: <u>V.0</u> FRR: <u>N/A</u> N/A N/A   |  |  |  |  |
| SYSTEM: CORE SPRAY WELD NO.: SEE BELOW                             |   |  |  |  |  |
| CONFIGURATION: SEE BELOW   |   |  |  |  |  |
| EXAMINER: NICK LABELLA LEVEL: II  EXAMINER: MIKE WEBSTER LEVEL: II | ☐ MT ☐ PT ■ UT ☐ VT   |  |  |  |  |
| EXAMINER: HERMANN SCHLORTT LEVEL: 111                              | WELD TYPE:  |  |  |  |  |
| DATA SHEET NO.(S): 0-501<br>0-502<br>0-503                         | CAL SHEET NO.(S): <u>C-501, 502, 503</u><br><u>C-504, 505, 506</u>  |  |  |  |  |
| 1995 on the Internal Core Spray Plping. This UT exam w             | ts of the Remote Ultrasonic examinations performed Aug. 12 and 13 ras performed to characterize the length of OD connected flaws tion and to detect any ID connected flaws which may be less than |  |  |  |  |

The results of these examinations are listed below by component ID.

\*8" Core Spray Loop 260° Lower Sparger Inlet Elbow (Weld 4) Data Report R-501

Visual examination detected a crack in the elbow side heat affected zone between approximately 9:30 and 12:00 and estimated it to be 3.5" in length. UT of this weld confirmed the presence of the crack and shows it to be ID connected. The crack was observed by UT to extend from approximately 285" to 345" (9:30 to 11:30) and it's length is estimated to be no more than the 3.5" reported during the visual examination. This examination covered approximately 270" of the weld circumference from the elbow side of the weld (0" thru 90", and 180" thru 360"). The area from 90" thru 180" was inaccessible due to interferences. The pipe side of the weld was previously examined by UT for 270" with no indications detected.

\*B\* Core Spray Loop 260\* Lower Sparger Inlet Thermal Sleeve ( Weld 2) Data Report R-502

Visual examination detected a crack in the thermal sleeve collar, approximately 0.5" back from the face of the collar, between approximately 9:00 and 10:00 and estimated it to be 2.25" In length. UT of this thermal sleeve confirmed the presence of the crack and shows it to be ID connected. The crack was observed by UT to extend from approximately 270" to 345" (9:00 to 11:30) and it's ID length is estimated to be 5.5". The UT also detected another ID connected crack indication that was not visually detected. This crack was observed by UT to extend from approximately 45" to 85" (1:30 to 3:00) and it's ID length is estimated to be 3". This examination covered 380" of the thermal sleeve circumference, with no additional flaw indications detected.

\*A\* Core Spray Loop 290\* Upper Sparger Inlet Thermal Sleeve (Weld 18) Data Report R-503

Visual examination detected a crack in the thermal sleeve collar, approximately 0.5" back from the face of the collar, between approximately 4:00 and 5.00 and estimated it to be 2" in length. UT of this thermal sleeve confirmed the presence of the crack and shows it to be ID connected. The crack was observed by UT to extend from approximately 120" to 150" (4:00 to 5:00) and it's ID length is estimated to be 2". This examination covered 360" of the thermal sleeve circumference, with no additional flaw indications detected.

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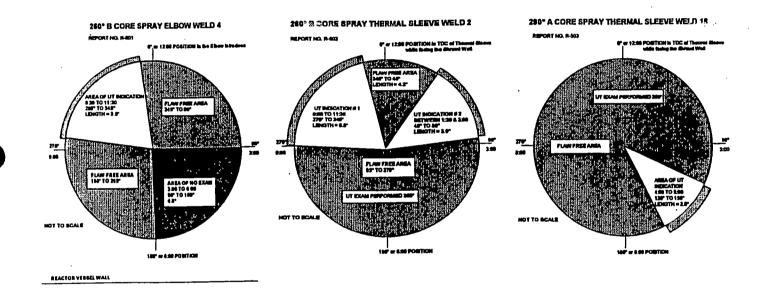
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### Section II Scope of Inspection

Summary of Vessel Interior Examinations
Attachment A

Attachment II

## UT FLAW LOCATION AND EXAM AREA



Report R-500

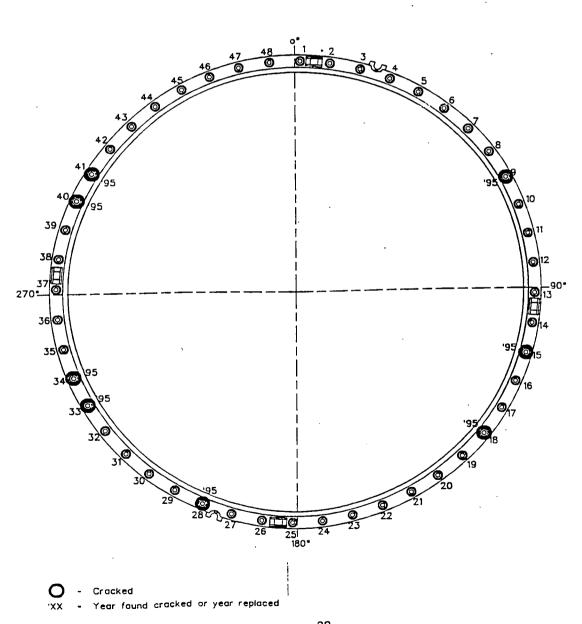
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#### Section II Scope of Inspection

Summary of Vessel Interior Examinations
Attachment A

Figure 1

<u>Unit 2 Shroud Head Bolts</u>
"As Found" During <u>D2R14</u>



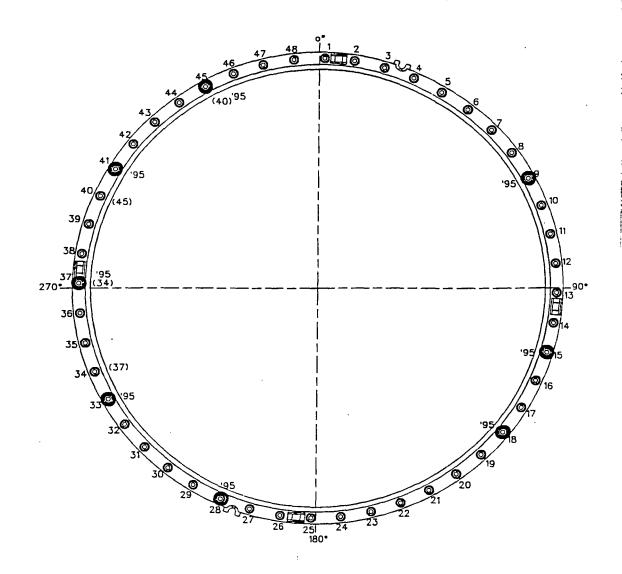
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# Section II Scope of Inspection

#### Summary of Vessel Interior Examinations Attachment A

Figure 2

## Unit 2 Shroud Head Bolts "As Left" During D2R14



O - Cracke

'XX - Year found cracked or year replaced

(XX) - Original Position of Bolt

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# Section III Abstract Of Results, Evaluations, And Corrective Actions

The findings of the examinations and the corrective measures taken demonstrate that all components examined are functional and in compliance with the Dresden Unit 2 Technical Specifications and Section XI of the ASME Boiler and Pressure Vessel Code, 1989 Edition.

The following is a summary of corrective actions taken as a result of examination findings.

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#### Section III

#### Abstract Of Results, Evaluations, And Corrective Actions

| ategory | ltern Augme   | nt System   | Line  | Component   | Туре   |
|---------|---|---|---|---|--|
| ВА      | B1.40   | RPV   | RPV UPP HD  | 2-THD-FLGB  | THD-FLG  |
|         | characterized as slag<br>indications. NES revi<br>volumetrically examir | g by the examine<br>iew determined t<br>ned. Weld has l                         | rs. A PIF was gene<br>he as-found conditi<br>been scheduled for                           | rated and Nuclear Engine<br>on acceptable as-is. The  | osure head revealed flaws which were<br>eering Services (NES) dispositioned the<br>remainder of the head to flange weld was<br>lext three successive inspection periods per  |
| BG2     | B7.70   | FWB   | 3204B-18  | 220-62B   | VLVBLT   |
|         |   |   |   |   | n one stud as a result of maintenance activi<br>service induced, therefore no expansion wa   |
| BG2     | B7.70   | HPCISS  | 2305-10   | MO-2301-5   | VLVBLT   |
|         |   | nuts were replace   |   |   | on the bolting as a result of maintenance<br>discrepancy was not service induced, there  |
| BJ      | B9.11 GL88-01   | F RRAD  | 0201A-28  | PD1A-D14  | EL-P   |
|         | 11% through wall (.1<br>and Nuclear Engines<br>a period of 35,000 op    | 50" deep X 1.0"<br>ering Services (N<br>perating hours. V<br>s been schedule    | long) has grown de<br>IES) evaluated the i<br>Veld is still classifie                     | eper to 18% through wall<br>indications. The engineer<br>d as an IGSCC category                                   | circumferential IGSCC indication at the ID of (.250" deep X 1.0" long). A PIF was geneing evaluation determined the flaw acceptate F weld. This weld was the only Category Fessive inspection periods as required per A        |
| ВЈ      | B9.11 GL88-01   | D RRBS  | 0202B-28  | PS2-TEE/202-4B  | TEE-VLV  |
|         |   |   |   |   |  |
|         | indication was 29% 2.85" long). A PIF videtermined the flaws            | through wall (.35<br>was generated an<br>acceptable for a<br>spection for the i | 50" deep X 1.75" lor<br>nd Nuclear Enginee<br>a period of 45,000 c<br>next three successi | ng) and the second indica<br>ering Services (NES) eval<br>operating hours. Weld is no<br>ve inspection periods as | GSCC indications located at the ID. The fi<br>tion was 27 1/2% through wall (.330" deep<br>uated the indications. The engineering eval<br>now classified as an IGSCC category F wel<br>required by ASME Section XI IWB-2420(b) |

A visual inspection of valve MO-2-1501-22B revealed linear indications on the back seat hard facing. DR 12-95-110 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site engineering review determined the as-found condition to be acceptable. Due to location of indications (stellite hardfacing), no expansion was required.

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#### Abstract Of Results, Evaluations, And Corrective Actions

| Category | ltem Augm  | ent System   | Line   | Component  | Type  |
|----------|--|--|--|--|---|
| BP       | B15.OT   | N/A  | TEST BLOCK   | RCPB   | N/A   |
| DF       |  |  |  | ·  |   |
|          |  |  |  | test of pressure testing<br>D11, H5, G11, R8, and  |   |
|          | The bolting at CRD   | flanges G11, R8  |  | eplaced during this outa<br>ved and a VT-3/4 inspe<br>11.  |   |
|          |  | ork request 94009  |  | in flange and valve flang<br>I to a VT-2 examination   |   |
| СН       | C7.OT  | N/A  | TEST BLOCK   | 03A1   | N/A   |
|          | valve 2-0305-112 a   | ssociated with H<br>the system unde  | CU's K12, R10, M10<br>r pressure (work req   | e test of pressure testing<br>, L4, J3, and J4. In acc<br>uest 950018440) and s  | ordance with reli   |
|          |  |  |  |  |   |
| FA       | F1.CS  | FWA  | 3204C-12   | M-1156D-257  | CL 1 SUP  |
| FA       | A visual examination the drawing. DR 12 recommendations to   | on of FWA support<br>2-95-090 was gent<br>for corrective action  | rt M-1156D-257 reve<br>nerated to have Site E  | aled a discrepancy bet<br>Engineering evaluate the<br>greview found the as-bo  | ween the as-built<br>e effect on the sy   |
| FA       | A visual examination the drawing. DR 12 recommendations to   | on of FWA support<br>2-95-090 was gent<br>for corrective action  | rt M-1156D-257 reve<br>nerated to have Site E<br>ons. Site Engineerinç   | aled a discrepancy bet<br>Engineering evaluate the<br>greview found the as-bo  | ween the as-built<br>e effect on the sy   |
|          | A visual examination the drawing. DR 12 recommendations to were not service in F1.CS  A visual examination and the drawing. D recommendations to   | on of FWA suppo<br>2-95-090 was ger<br>for corrective acti-<br>duced, therefore<br>LPCIAD<br>on of LPCIAD sup<br>R 12-95-086 was<br>for corrective acti-   | rt M-1156D-257 revenerated to have Site Engineering no expansion was responded to the following statement of the following statem | aled a discrepancy beto<br>Engineering evaluate the<br>g review found the as-bo<br>quired.   | ween the as-builte effect on the syuilt configuration  CL 1 SUP  Detween the as-bethe the effect on the                               |
|          | A visual examination the drawing. DR 12 recommendations to were not service in F1.CS  A visual examination and the drawing. D recommendations to   | on of FWA suppo<br>2-95-090 was ger<br>for corrective acti-<br>duced, therefore<br>LPCIAD<br>on of LPCIAD sup<br>R 12-95-086 was<br>for corrective acti-   | rt M-1156D-257 revenerated to have Site Engineering no expansion was responded to the following statement of the following statem | aled a discrepancy between greview found the as-biquired.  M-1164D-296  evealed a discrepancy between greview found the as-biquired.   | ween the as-builte effect on the syuilt configuration  CL 1 SUP  Detween the as-bethe the effect on the                               |
| FA       | A visual examination the drawing. DR 12 recommendations to were not service in F1.CS  A visual examination and the drawing. Dorecommendations to discrepancies were F1.CS  A visual examination of the drawing of the drawing. Dorecommendations to discrepancies were F1.CS | on of FWA suppo<br>2-95-090 was ger<br>for corrective acti-<br>duced, therefore<br>LPCIAD<br>on of LPCIAD sup<br>R 12-95-086 was<br>for corrective acti-<br>e not service indu-<br>LPCIBD<br>on of LPCIBD sup<br>96421. The supp | rt M-1156D-257 revenerated to have Site Engineering no expansion was responsed to the second of the  | raled a discrepancy between greview found the as-bit quired.  M-1164D-296  evealed a discrepancy between a discrepancy between greview found the as-bit greview found the as-bit pansion was required. | veen the as-built e effect on the sy uilt configuration  CL 1 SUP  Detween the as-be e the effect on the uilt configuration  CL 1 SUP |

were not service induced, therefore no expansion was required.

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#### **Abstract Of Results, Evaluations, And Corrective Actions**

| FA       | F1.CS  | MSD   | 3001 D-20   | M-564H SHT 1   | CL 1 SNB  |
|----------|--|---|---|--|---|
|          | A visual examinati<br>Engineering evalu  | on of snubber M-5<br>ate the effect on the<br>Engineering reco  | 64H Sht. 1 reveale<br>le system and prov<br>mmendations unde  | d a dislodged swivel bus<br>ide recommendations for  | hing. DR 12-95-101 was generated to have corrective actions. The spherical bearing w 32. All of the Class 1, 2, and 3 snubbers we   |
| FA       | F1.CS  | RHS   | 0304-2.5  | M-1167D-261  | CL 1 SUP  |
|          | outside of the cold<br>provide recommer<br>per Site Engineeri  | I load tolerance. Di<br>ndations for correct<br>ng recommendatio  | R 12-95-091 was g<br>tive actions. The be<br>ns under work req  | enerated to have Site En<br>ent rod was replaced and   | d above one spring can and the spring cans<br>gineering evaluate the effect on the system<br>the spring cans reset with the cold load tole<br>pport was reinspected and found acceptable<br>ample.  |
| FA       | F1.CS  | RHV   | 0214-2  | M-1178D-2  | CL 1 SUP  |
|          | A vieual avaminati   | on of RHV support   | M-1178D-2 rayes   | lad a wacher installed be  | hind the baseplate resulting in a gap betwee  |
|          | baseplate and the<br>recommendations   | wall. DR 12-95-09<br>for corrective action<br>the next refuel outs  | 2 was generated to<br>ons. Site Engineeri   | have Site Engineering on the conditions of the c | valuate the effect on the system and provide<br>lition acceptable. However, the washer shall<br>screpancy was not service induced, therefor   |
| FA       | baseplate and the<br>recommendations<br>reinstalled during   | wall. DR 12-95-09<br>for corrective action<br>the next refuel outs  | 2 was generated to<br>ons. Site Engineeri   | have Site Engineering on the conditions of the c | evaluate the effect on the system and provide<br>lition acceptable. However, the washer shall   |
| FA       | baseplate and the recommendations reinstalled during expansion was recommendations.  F1.CS  A visual examinating generated to have bolt was replaced.  | wall. DR 12-95-09 for corrective action the next refuel outs quired.  RHV on of RHV support Site Engineering of per Site Engineering of   | 22 was generated to ons. Site Engineering age under work required to the control of the control | o have Site Engineering on the conduction of the system and provident of the conduction of the conduct | evaluate the effect on the system and provide lition acceptable. However, the washer shall screpancy was not service induced, therefor CL 1 SUP  corrosion on the u-bolt. DR 12-95-097 was e recommendations for corrective actions. T 50096426. The support was reinspected and                    |
| FA<br>FA | baseplate and the recommendations reinstalled during expansion was recommendations.  F1.CS  A visual examinating generated to have bolt was replaced.  | wall. DR 12-95-09 for corrective action the next refuel outs quired.  RHV on of RHV support Site Engineering of per Site Engineering of   | 22 was generated to ons. Site Engineering age under work required to the control of the control | o have Site Engineering on preview found the conductor of the discount of the discount of the discount of the system and provides under work request 95 and the system and provides under work request 95 and provides and provide | evaluate the effect on the system and provide lition acceptable. However, the washer shall screpancy was not service induced, therefor CL 1 SUP  corrosion on the u-bolt. DR 12-95-097 was e recommendations for corrective actions. T 50096426. The support was reinspected and                    |
|          | baseplate and the recommendations reinstalled during expansion was recommendations.  F1.CS  A visual examinati generated to have bolt was replaced found acceptable.  F1.CS  A visual examinati was generated to Site Engineering ras a result, the exit | wall. DR 12-95-09 for corrective action the next refuel outs quired.  RHV  on of RHV support Site Engineering expersite Engineering expersite Engineering expersite Engineering expersite Engineering the street Engineering the street Engineer exiets found the expersion was expension was street Engineering setting falls was no expansion was street. | 22 was generated to ons. Site Engineering under work requested to the control of | M-1178D-7  Ided loose u-bolt nuts and on the system and provide the substantial ways and the system and provided the system an | evaluate the effect on the system and provide lition acceptable. However, the washer shall screpancy was not service induced, therefor   CL 1 SUP  corrosion on the u-bolt. DR 12-95-097 was e recommendations for corrective actions. T  50096426. The support was reinspected and riginal sample. |

A visual examination of RRAS sway brace M-1157D-280 revealed a sway brace outside of the cold load tolerance. DR 12-95-103 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the existing tolerance too restrictive for this type of support. The cold load tolerance was expanded, as a result, the existing setting falls within the revised tolerance. This is a no-action sway brace and has no effect on the piping analysis, therefore no expansion was required. However, all supports of the same design, type, and function on this line were part of the original sample.

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#### Abstract Of Results, Evaluations, And Corrective Actions

| C-4     | y Item Augn   |  |  |  | •   |  |
|---------|---|--|--|--|---|--|
| Categor | y Item Augn   | nent System  | Line   | Component  | Туре  |  |
| FA      | F1.CS   | RRBD   | 0201B-28   | M-1157D-279  | CL 1 SUP  |  |
|         | generated to have<br>sway braces were<br>The sway brace w   | Site Engineering ex<br>reset to the proper<br>as reinspected and | aluate the effect<br>cold load setting<br>found acceptable     | per Site Engineering reco  | e recommendations for<br>mmendations under varions in the secondary<br>If the brace and has no efficiency | or corrective actions. Both<br>work request 950078096.<br>fect on the piping analysis, |
| FA      | F1.CS   | RRBS   | 0202B-28   | M-1157D-281  | CL 1 SUP  |  |
|         | generated to have<br>sway brace was re<br>sway brace was re | Site Engineering eveset to the proper co<br>einspected and foun  | valuate the effect<br>old load setting pe<br>nd acceptable. Th |  | e recommendations f<br>mendations under wo<br>ce and has no effect  | or corrective actions. The ork request 950078097. The on the piping analysis,          |
| FA      | F1.CS   | RWCU   | 1201-8   | M-1159D-3  | CL 1 SNB  |  |
|         | Engineering evaluate<br>reinstalled per Site                | ate the effect on the  | e system and prov<br>nmendations und                           | a dislodged swivel bushing<br>vide recommendations for<br>er work request 95009283 | corrective actions. T   | he spherical bearing was   |
| FA      | F1.CS   | SBLC   | 1102-1.5   | M-1154D-262  | CL 1 SUP  |  |
|         | the drawing. DR 1 recommendations                           | 2-95-098 was gene  | rated to have Sitens. Site                                     | e Engineering evaluate the<br>ing review found as-built o                          | effect on the system  | figuration of the support and and provide ole. The discrepancies were                  |
| FA      | F1.CS   | SDC  | 1001A-16   | M-1159D-2  | CL 1 SNB  |  |
|         | evaluate the effect<br>found acceptable.                    | on the system and<br>The snubber and e                           | provide recommon<br>xtension rod were                          |  | ctions. The snubber veering recommendation  | ated to have Site Engineering<br>vas functionally tested and<br>ons under work request |
| FA      | F1.CS   | SDC  | 1001B-16   | X-111B-F   | CL 1 SUP  |  |
|         |   |  |  |  |   |  |

A visual examination of SDC support X-111B-F revealed portions of the grout pad cracked, loose, and missing. DR 12-95-059 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The grout pad was repaired per Site Engineering recommendations under work request 950097319. The support was reinspected and found acceptable. All supports of this design, type, and function on this line were part of the original sample.

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#### **Abstract Of Results, Evaluations, And Corrective Actions**

| ategory | ltem Augr  | nent System  | Line  | Component  | Туре  |
|---------|--|--|---|--|---|
| FA      | F2.CS  | CSAD   | 1403-10   | M-1150D-57   | CL 2 SUP  |
|         | support and the di<br>recommendations  | awing. DR 12-95-0  | 63 was generated<br>ns. Site Engineerir   | to have Site Engineering<br>g review found as built ព  | cies between the as-built configuration of the g evaluate the effect on the system and provide configuration acceptable. The discrepancies were   |
| FA      | F2.CS  | CSAD   | 1403-12   | M-1150D-259  | CL 2 SUP  |
|         | the drawing. DR 1 recommendations  | 2-95-061 was gene  | rated to have Site<br>ns. Site Engineerir   | Engineering evaluate the<br>ig review found the as-b   | etween the as-built configuration of the support ar<br>e effect on the system and provide<br>uilt configuration acceptable. The discrepancies   |
| FA      | F2.CS  | CSAD   | 1403-12   | M-1150D-53   | CL 2 SUP  |
|         | generated to have  | Site Engineering ev  | valuate the effect o  | n the system and provid  | erical bearing dislodged. DR 12-95-060 was<br>the recommendations for corrective actions. The   |
|         | was reinspected a<br>adjacent support v  | nd found acceptabl   | e. Four supports o<br>ample. Four suppo   | f the same design, type  | tions under work request 950055226. The support, and function were in the original sample. One type, and function, and one adjacent support were, and M-3208-10.  |
| FA      | was reinspected a<br>adjacent support v  | nd found acceptabl   | e. Four supports o<br>ample. Four suppo   | of the same design, type<br>orts of the same design,   | , and function were in the original sample. One type, and function, and one adjacent support we   |
| FA      | was reinspected a adjacent support v expanded to. Expa F2.CS A visual examinati was tightened and  | nd found acceptabl vas in the original send to: M-1150D-58  CSAD on of CSAD support  | e. Four supports of<br>ample. Four supports<br>B, M-1150D-59, M-<br>1403-12<br>rt M-1150D-59 rev<br>under work reques   | of the same design, type, orts of the same design, 1150D-259, M-3208-08  M-1150D-59  ealed a loose lock nut or st 950055231. The supp  | , and function were in the original sample. One type, and function, and one adjacent support we, and M-3208-10.   |
| FA FA   | was reinspected a adjacent support v expanded to. Expa F2.CS A visual examinati was tightened and  | nd found acceptabl vas in the original send to: M-1150D-58  CSAD on of CSAD support a sight hole drilled   | e. Four supports of<br>ample. Four supports<br>B, M-1150D-59, M-<br>1403-12<br>rt M-1150D-59 rev<br>under work reques   | of the same design, type, orts of the same design, 1150D-259, M-3208-08  M-1150D-59  ealed a loose lock nut or st 950055231. The supp  | , and function were in the original sample. One type, and function, and one adjacent support were, and M-3208-10.  CL 2 SUP  In the rear end bracket of the strut. The lock nut   |
|         | was reinspected a adjacent support vexpanded to. Expanded | nd found acceptably vas in the original stand to: M-1150D-58  CSAD  on of CSAD support a sight hole drilled quired based upon C  CSAD  on of CSAD support of CSAD support were cleaned und   | e. Four supports of ample. Four supports of ample. Four supports, M-1150D-59, M-1403-12  In M-1150D-59 revealed interpretation 1403-12  In M-3208-10 revealer work request 98   | of the same design, type, orts of the same design, 1150D-259, M-3208-08  M-1150D-59  ealed a loose lock nut or st 950055231. The supplication of t | , and function were in the original sample. One type, and function, and one adjacent support were, and M-3208-10.  CL 2 SUP  In the rear end bracket of the strut. The lock nut port was reinspected and found acceptable. No   |
|         | was reinspected a adjacent support vexpanded to. Expanded | nd found acceptably vas in the original stand to: M-1150D-58  CSAD  on of CSAD support a sight hole drilled quired based upon C  CSAD  on of CSAD support of CSAD support were cleaned und   | e. Four supports of ample. Four supports of ample. Four supports, M-1150D-59, M-1403-12  In M-1150D-59 revealed interpretation 1403-12  In M-3208-10 revealer work request 98   | of the same design, type, orts of the same design, 1150D-259, M-3208-08  M-1150D-59  ealed a loose lock nut or st 950055231. The supplication of the support of t | , and function were in the original sample. One type, and function, and one adjacent support were, and M-3208-10.  CL 2 SUP  In the rear end bracket of the strut. The lock nutbort was reinspected and found acceptable. No  |
| FA      | was reinspected a adjacent support vexpanded to. Expanded | nd found acceptable vas in the original stand to: M-1150D-58  CSAD  On of CSAD support a sight hole drilled quired based upon C  CSAD  on of CSAD support were cleaned under not service induced to the control of CSAS  on of CSAS support 950052587. The | e. Four supports of ample. Four supports of ample. Four supports of ample. Four supports of the support of the | of the same design, type, orts of the same design, 1150D-259, M-3208-08  M-1150D-59  ealed a loose lock nut or st 950055231. The support of t | , and function were in the original sample. One type, and function, and one adjacent support were, and M-3208-10.  CL 2 SUP  In the rear end bracket of the strut. The lock nut port was reinspected and found acceptable. No  CL 2 SUP  ear bracket attachment. The baseplate and rear was reinspected and found acceptable. The |

A visual examination of CSBD support M-3209-33 revealed incomplete pipe clamp contact in the upper two quadrants on the horizontal strut. DR 12-95-068 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The pipe clamp was tightened to achieve contact in all four quadrants per Site Engineering recommendations under action request 950035735. The support was reinspected and found acceptable. The discrepancies were not service induced, therefore no expansion was required.

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| ategory |   |   |  |   |  |   |
|---------|---|---|--|---|--|---|
|         | Item J  | Augment   | System   | Line  | Component  | Туре  |
| FA      | F2.CS   |   | CSBD   | 1404-12   | M-3209-27  | CL 2 SUP  |
|         | the drawing, a<br>Engineering e<br>as-built config<br>950058725. V<br>reviewed the t<br>the analysis. original sample | a gap behind<br>evaluate the<br>guration acco<br>While attemp<br>failed ancho<br>The support<br>le. All suppo | if the basepla<br>effect on the<br>eptable. Loo<br>oting to retours and deter<br>was reinspa<br>orts of the sa   | ates, and expansion system and province anchors were urque the anchors rained the baseplected and found a   | ealed a discrepancy between anchors improperly torwide recommendations for retorqued per Site Engines, a portion of the anchors ates and kickers associated and function on this line and to: M-3209-26. | qued. DR 12-95-<br>corrective action<br>ering recommen<br>on one section o<br>ed with the failed<br>of the same desi                        |
| FA      | F2.CS   |   | CSBD   | 1404-12   | M-3209-31  | CL 2 SUP  |
|         | the drawing. I recommendat  | DR 12-95-06<br>tions for corr   | 69 was gene<br>rective action  | erated to have Site   | ealed a discrepancy between<br>Engineering evaluate the<br>ing review found as-built count<br>ed.  | effect on the sys   |
| FA      | F2.CS   |   | CSBD   | 1404-12   | M-3209-34  | CL 2 SUP  |
|         | 073 was generations. The  | erated to hav   | ∕e Site Engir<br>trut assemb   | neering evaluate ti<br>Iy were realigned  | ealed the strut bound on th<br>he effect on the system an<br>and locknuts tightened pe   | nd provide recom  |
|         | function were<br>were part of th  | in the origin   | nal sample. A  |   | ed and found acceptable.<br>same design, type, and fo  | Two supports of   |
| FA      |   | in the origin<br>he original s  | nal sample. A  |   | ed and found acceptable.   | Two supports of   |
| FA      | F2.CS  A visual exam 042 was gene actions. The s on the adjustr and found acc   | in the original satisfies original satisfies of H erated to have spring can whent threads ceptable. Or        | al sample. A ample.  HPCIPD  PCIPD supple Site Enginers to be researched by the springer support of the support | All supports of the  2304-14  port M-1151D-276 neering evaluate the per Site Enginering evaluate the per Site Enginering ean was replaced the same design | ed and found acceptable.<br>e same design, type, and fi  | Two supports of unction on this line.  CL 2 SUP  to be outside of the provide recommender work requestional tolerance. In the original same |

A visual examination of HPCIPS support M-3205-03 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-95-051 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the as-built configuration acceptable. The discrepancies were not service induced, therefore no expansion was required.

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| tegor | y Item Aug   | ment System   | Line   | Component  | Туре  |   |
|-------|--|---|--|--|---|---|
| FA    | F2.CS  | HPCISS  | 2305-10  | 2305-M-206   | CL 2 SUP  |   |
|       | and the drawing.<br>recommendation   | DR 12-95-051 was  | generated to have<br>ns. Site Engineerir   | Site Engineering evaluating review found the as b  | by between the as-built configuration of the the effect on the system and provide uilt configuration acceptable. The discre   |   |
| FA    | F2.CS  | HPCISS  | 2305-10  | 2305-M-213   | CL 2 SUP  |   |
|       | 95-056 was generactions. Site Engernded, as a r  | erated to have Site Ei<br>gineering review foun-<br>result, the existing se   | ngineering evaluat<br>d the existing toler<br>ting falls within th   | e the effect on the syste<br>ance too restrictive for the<br>revised tolerance. This   | ice to be outside of the cold load toleran<br>m and provide recommendations for con<br>his type of support. The cold load toleran<br>is a No-Action support and has no effet<br>braces on the HPCISS line outside the   | rectiv<br>nce wect on                       |
| FA    | F2.CS  | HPCISS  | 2305-10  | 2305-M-215   | CL 2 SUP  |   |
|       | discrepancies be<br>and concrete ap<br>the system and p<br>acceptable, exist<br>existing setting f<br>Engineering reco | etween the as-built of<br>pears to be spalled be<br>provide recommendal<br>ting tolerance too rest<br>alls within the revised<br>pmmendations under | nfiguration of the<br>chind the plate. Di<br>ions for corrective<br>rictive for this type<br>tolerance. The pi<br>work request 950 | support and the drawing<br>R 12-95-043 was genera<br>actions. Site Engineering<br>of support. The cold loa<br>pe clamp bolt and basep<br>071456. This is a No-Ac | ice to be outside of the cold load toleran, top clamp bolt loose, a gap behind the ted to have Site Engineering evaluate the greview found the as built configuration ad tolerance was expanded, as a result late anchors shall be repaired non-outation support and has no effect on the pit on the HPCISS line outside the drywel | base<br>ne eff<br>n<br>the<br>ge pe<br>ping |
| FA    | F2.CS  | HPCISS  | 2305-10  | 2305-M-226   | CL 2 SUP  |   |
|       | DR 12-95-056 w<br>corrective action<br>tolerance was ex  | ras generated to have<br>s. Site Engineering re<br>panded, as a result to<br>ng analysis, therefore   | Site Engineering<br>eview found the ex<br>ne existing setting  | evaluate the effect on th<br>isting tolerance to restric<br>falls within the revised t   | ice setting to be outside of the cold load<br>e system and provide recommendations<br>ctive for this type of support. The cold lo<br>olerance. This is a No-Action support a<br>naining sway braces on the HPCISS lin   | s for<br>ad<br>nd ha                        |
|       |  |   |  |  |   |   |

A visual examination of HPCISS support M-1151D-294 revealed various discrepancies between the as-built configuration of the support and the drawing. DR 12-95-064 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the as built configuration acceptable. The discrepancies were not service induced, therefore no expansion was required.

June, 1995 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 06-09-72

#### Section III

#### **Abstract Of Results, Evaluations, And Corrective Actions**

| ategory | item  | Augment   | System  | Line  | Component   | Туре   |
|---------|---|---|---|---|---|--|
| HEGUIY  | uen   | Mathrierit  | aystem  | LHIE  | сотранет  | .,,,,,,  |
| FA      | F2.CS   |   | HPCISS  | 2305-10   | M-1151D-296   | CL 2 SUP   |
|         | tolerance, c<br>generated to<br>Engineering<br>The cold loa<br>concrete is<br>support and | oncrete at ed<br>o have Site E<br>g review foun<br>ad tolerance<br>most likely fr | dge of the em<br>ingineering e<br>d the as-built<br>was expande<br>om welding to<br>ct on the pipil | bed plate is spalle<br>valuate the effect of<br>configuration acc<br>d, as a result, the<br>oo close to the edong<br>analysis, theref | d and gaps exist betweer<br>on the system and provide<br>eptable, and the existing<br>existing setting falls withing<br>ge of the embed plate dur | ace setting to be outside of the cold load in the embed plate and ceiling. DR 12-95-06 is recommendations for corrective actions, tolerance too restrictive for this type of sup in the revised tolerance. The cause of the sing original construction. This is a No-Actionary of the remaining sway braces on |
| FA      | F2.CS   |   | HPCITE  | 2306-24   | M-3212-04   | CL 2 SUP   |
|         | paddles of t<br>provide reco  | the horizonta<br>ommendatior  | l strut. DR 12<br>is for correcti   | 2-95-057 was gene<br>ive actions, Site E  | erated to have Site Engine  | at the pipe side and rear bracket attachmer<br>eering evaluate the effect on the system an<br>he available gap without the spacer washer<br>was required.  |
| FA      | F2.CS   |   | HPCITE  | 2306-24   | M-3212-05   | CL 2 SUP   |
|         | the drawing<br>Engineering  | and hex nut<br>gevaluate the  | s on an anch<br>e effect on the   | or bolt are lacking<br>e system and prov  | full thread engagement. ide recommendations for   | ween the as-built configuration of the supp<br>DR 12-95-058 was generated to have Site<br>corrective actions. Site Engineering review<br>d, therefore no expansion was required.   |
| FA      | F2.CS   |   | HPCITE  | 2306-24   | M-3212-07   | CL 2 SUP   |
| 17      |   |   |   |   |   |  |

A visual examination of LPCIAD support M-3213-19 revealed insufficient pipe clamp contact in the upper two quadrants. DR 12-95-054 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The clamp was tightened per Site Engineering recommendations under work request 950053357. The support was reinspected and found acceptable. The discrepancies were not service induced, therefore no expansion was required.

M-3213-19

CL 2 SUP

**LPCIAD** 

1504-18

FΑ

F2.CS

June, 1995 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 06-09-72

#### Section III

#### **Abstract Of Results, Evaluations, And Corrective Actions**

|  |   |  |  | ***************************************  |
|--|---|--|--|--|
| gory Item Au   | pnent System  | Line   | Component  | Туре   |
| A F2.CS  | LPCIAD  | 1506-18  | M-3208-14  | CL 2 SUP   |
| clamp appears to<br>effect on the sys<br>location acceptal<br>from maintenand<br>support was rein  | n have moved approxi<br>tem and provide reco<br>ble. No evidence exist<br>e. The pipe clamp wa  | imately one half in<br>mmendations for<br>ts that a pipe mov<br>as tightened per S<br>coeptable. This wa   | realed incomplete pipe of ch. DR 12-95-062 was corrective actions. Site I ement occurred, the applite Engineering recommas the only support of the   | generated to have<br>Engineering revie<br>parent change in p<br>nendations under   |
| A F2.CS  | LPCIBD  | 1509-16  | M-3214-11  | CL 2 SUP   |
| 95-067 was generations. The pipe   | erated to have Site Er<br>e clamp was tightened   | ngineering evaluat<br>d per Site Enginee   | realed insufficient pipe of<br>e the effect on the syste<br>ering recommendations<br>were not service induced  | em and provide re<br>under work reque  |
| A F2.CS  | LPCIBD  | 1509-16  | M-3214-21  | CL 2 SUP   |
| 1 2.00   | 21 0100   |  |  |  |
| A visual examina<br>generated to hav<br>anchor was retor   | ation of LPCIBD supp<br>re Site Engineering ev<br>rqued per Site Engine   | ort M-3214-21 rev<br>valuate the effect of<br>ering recommend  | realed an expansion and<br>on the system and provio<br>ations under work reque<br>nduced, therefore no ex  | de recommendati<br>est 950062871. T  |
| A visual examina<br>generated to hav<br>anchor was retor   | ation of LPCIBD supp<br>re Site Engineering ev<br>rqued per Site Engine   | ort M-3214-21 rev<br>valuate the effect of<br>ering recommend  | realed an expansion and<br>on the system and providations under work reque   | de recommendati<br>est 950062871. T  |
| A visual examina generated to have anchor was retor found acceptable.  A F2.CS  A visual examina attachments. DF recommendation embed plate was  | ation of LPCIBD supple Site Engineering everywhere Engineering exercises. The discrepancies LPCIBD supple 12-95-074 was geness for corrective action  | ort M-3214-21 revaluate the effect of the ef | realed an expansion and<br>on the system and provio<br>ations under work reque<br>induced, therefore no ex   | de recommendatiest 950062871. T pansion was requested to the control of the contr |
| A visual examina generated to have anchor was retor found acceptable.  A F2.CS  A visual examina attachments. DF recommendation embed plate was  | ation of LPCIBD supple Site Engineering everywhere Engineering everywhere. The discrepancies  LPCIBD  ation of LPCIBD supple 12-95-074 was general for corrective actions most likely from welds. | ort M-3214-21 revaluate the effect of the ef | realed an expansion and on the system and provious tions under work requestions under work requestions.  M-3209-03  realed an embed plate to be Engineering evaluate ting review found the as-be                                 | de recommendatiest 950062871. T pansion was requested to the control of the contr |
| A visual examina generated to hav anchor was retor found acceptable  A F2.CS  A visual examina attachments. DF recommendation embed plate was induced, therefore the commendation attachment. DR recommendation recommendation | tion of LPCIBD supp re Site Engineering ever ever ever ever ever ever ever eve  | ort M-3214-21 revaluate the effect of the embed required.  1519-18  ort M-3209-11 revalued to have Site effect of the embed required.  1519-18  ort M-3209-11 revalued to have Site effect of the effe | realed an expansion and on the system and provious ations under work requestions under work requestions.  M-3209-03  realed an embed plate to be Engineering evaluate the greview found the as-toplate during original contents. | de recommendatiest 950062871. Tpansion was requested by the slightly deforment of the spoulit condition acconstruction. The discrepancy of the effect on the system of the |

A visual examination of LPCIBD support M-3209-12 revealed the spring can setting to be outside the cold load tolerance. DR 12-95-045 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The spring can was reset within the cold load tolerance per Site Engineering recommendations under work request 950053433. The support was reinspected and found acceptable. All supports (four total) of the same design, type, and function were in the original sample.

June, 1995 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 06-09-72

#### Section III

#### **Abstract Of Results, Evaluations, And Corrective Actions**

| tegor    | y Item Aug  | pnent System   | Line  | Component  | Туре   |  |
|----------|---|--|---|--|--|--|
| FA       | F2.CS   | LPCIBD   | 1519-18   | M-3214-08  | CL 2 SUP   |  |
|          | 95-067 was gene<br>actions. The pipe  | erated to have Site Er<br>e clamp was tightene   | ngineering evaluate<br>d per Site Enginee   | ealed insufficient pipe cle<br>the effect on the system<br>tring recommendations urer not service induced  | n and provide recommonder work request 950   | endations for corrective<br>1062875. The support v   |
| FA       | F2.CS   | LPCIBD   | 1519-18   | M-3214-36  | CL 2 SUP   |  |
|          | 95-067 was generations. The clar  | erated to have Site Er<br>np was tightened per   | ngineering evaluate<br>Site Engineering   | ealed insufficient pipe c<br>e the effect on the systel<br>recommendations under<br>vere not service induced   | m and provide recommo<br>work request 9500628  | endations for corrective<br>377. The support was   |
| FA       | F3.CS   | ccsw   | 1510-16   | M-1164D-149  | CL 3 SUP   |  |
|          | and the drawing.<br>recommendation  | DR 12-95-050 was g   | generated to have<br>ns. Site Engineerir  | evealed a discrepancy b<br>Site Engineering evaluat<br>ng review found as-built o  | e the effect on the syst   | tem and provide  |
|          | Were not service  | madeca, mererore m   | expansion was n   | equireu.   |  |  |
| FA       | F3.CS   | CCSW   | 1510-16   | M-1164D-286  | CL 3 SUP   |  |
| FA       | F3.CS  A visual examina support and the recommendation  | CCSW<br>tion of CCSW suppo<br>drawing. A PIF was g   | 1510-16<br>rt M-1164D-286 r<br>renerated to have<br>ns. Site Engineerin   | M-1164D-286 evealed various discrepa Site Engineering evaluat ng review found the as-b   | ncies between the as-le<br>the effect on the syst  | em and provide   |
| FA<br>FA | F3.CS  A visual examina support and the recommendation  | CCSW<br>attion of CCSW support<br>drawing. A PIF was g<br>s for corrective action  | 1510-16<br>rt M-1164D-286 r<br>renerated to have<br>ns. Site Engineerin   | M-1164D-286 evealed various discrepa Site Engineering evaluat ng review found the as-b   | ncies between the as-le<br>the effect on the syst  | em and provide   |
|          | F3.CS  A visual examina support and the recommendation were not service  F3.CS  A visual examina support and the recommendation   | tion of CCSW support of CCSW start of CCSW start of CCSW support of CCSW suppo | nt M-1164D-286 r<br>generated to have<br>as. Site Engineering<br>expansion was re<br>1514-16<br>at M-1164D-264 r<br>generated to have<br>as. Site Engineering   | M-1164D-286  evealed various discrepa Site Engineering evaluat ng review found the as-b equired.  M-1164D-264  evealed various discrepa Site Engineering evaluat g review found the as-bu        | choices between the as- e the effect on the syst uilt configuration accep  CL 3 SUP uncies between the as- e the effect on the syst  | em and provide  stable. The discrepanci  built configuration of the  em and provide  |
|          | F3.CS  A visual examina support and the recommendation were not service  F3.CS  A visual examina support and the recommendation   | tion of CCSW support of CCSW states action induced, therefore no CCSW support of CCSW support  | nt M-1164D-286 r<br>generated to have<br>as. Site Engineering<br>expansion was re<br>1514-16<br>at M-1164D-264 r<br>generated to have<br>as. Site Engineering   | M-1164D-286  evealed various discrepa Site Engineering evaluat ng review found the as-b equired.  M-1164D-264  evealed various discrepa Site Engineering evaluat g review found the as-bu        | choices between the as- e the effect on the syst uilt configuration accep  CL 3 SUP uncies between the as- e the effect on the syst  | em and provide  otable. The discrepanci  built configuration of the  em and provide  |
| FA       | F3.CS  A visual examina support and the recommendation were not service  F3.CS  A visual examina support and the recommendation were not service  F3.CS  A visual examina out was generat actions. The spring support and the recommendation were not service | tion of CCSW support of corrective action induced, therefore no corrective action induced, therefore no corrective action of CCSW support of corrective action induced, therefore no corrective action of CCSW support induced in action induced induced in action induced in action induced in action induced induced in action in action induced in action in action in action in action in action | nt M-1164D-286 reperated to have as Site Engineering expansion was reperated to have as 1514-16 rt M-1164D-264 reperated to have a expansion was reperated to have a site Engineering expansion was reperated to have a | M-1164D-286 evealed various discrepa Site Engineering evaluat ng review found the as-b equired.  M-1164D-264 evealed various discrepa Site Engineering evaluat g review found the as-bu equired. | CL 3 SUP  CL 3 SUP  Incies between the as-legate the effect on the system of the configuration acceptance of the configuration acceptance of the colon of the col | em and provide btable. The discrepancion built configuration of the mand provide able. The discrepancie di load tolerance. DR 1 lations for corrective ons under work requestive |

A visual examination of CCSW support M-1164D-93 revealed the u-bolt to be missaligned. DR 12-95-091 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the as-built configuration acceptable. The discrepancy was not service induced, therefore no expansion was required.

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# Section III Abstract Of Results, Evaluations, And Corrective Actions

| Category | ltem Au | pnent System | Line     | Component   | Туре     |
|----------|---------|--------------|----------|-------------|----------|
| FA       | F3.CS   | ccsw         | 1514C-10 | M-1164D-261 | CL 3 SUP |

A visual examination of CCSW support M-1164D-261 revealed the spring can setting to be outside of the cold load tolerance. DR 12-95-044 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The spring can was reset within the cold load tolerance per Site Engineering recommendations under work request 950053428. The support was reinspected and found acceptable. Three supports of the same design, type and function were in the original sample. All but one support of the same design, type, and function on this line was part of the original sample. Both adjacent supports were also part of the original sample. One support of the same design, type, and function was expanded to. Expand to: M-1164D-268.

| FA | F3.CS | SRVDA | 3019A-8 | M-564E SHT 14 | CL 3 SUP |
|----|-------|-------|---------|---------------|----------|
|    |       |       |         |               |          |

A visual examination of SRVDA support M-564E SHT 14 revealed the lack of cold load tolerance on the drawing for this support. A cold load tolerance was requested from Site Engineering. Site Engineering review found that the support was no longer part of the analysis. DR 12-95-080 was generated and the support was removed from the system per Site Engineering recommendations under work request 950075025. The support removal was verified and found acceptable. The discrepancies were not service induced, therefore no expansion was required.

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Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450

## Section IV Abbreviations

#### **Component Type**

BPC Branch Pipe Connection

BPCS Branch Pipe Connection Saddle

CAP Pipe Cap
COND Condenser
CRO Cross
EL Elbow

ELS Elbow Longitudinal Seam

F Fuel Head
FLG Flange
FLGBLT Flange Bolt

FLS Fitting Longitudinal Seam

HTEX Heat Exchanger

IWA Integral Welded Attachment

NIR Nozzle Inner Radius

NOZ Nozzle P Pipe

PG Penetration Guide

PLS Piping Longitudinal Seam

PMP Pump
PMPBLT Pump Bolting
RED Reducer
REDE Reducing Elbow

RPV Reactor Pressure Vessel

SDL Saddle
SE Safe-end
SHL Shell

SWC Socket Welded Coupling
SWCP Socket Welded Pipe Cap
SWE Socket Welded Elbow
SWF Socket Welded Flange

SWP Sweep-O-Let, Weld-O-Let, Etc.

SWR Socket Welded Reducer
SWT Socket Welded Tee
SWV Socket Welded Valve

TBSHT Tubesheet TEE Tee

VB Vacuum Breaker

VLV Valve

VLVBLT Valve Bolting

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**Dresden Nuclear Power Station** 6500 N. Dresden Road, Morris, IL 60450

#### Section IV **Abbreviations**

#### Credit

06 **NUREG 0619** 88 Generic Letter 88-01 Section XI Baseline BL **OTHR** Special Exam Section XI ΧI

#### Other

DR Discrepancy Record PIF Performance Improvement Form

#### Exam

FΤ Functional Test MT Magnetic Particle PT Liquid Penetrant Ultrasonic UT VT-1 VT-1 visual VT-2 VT-2 visual VT-3/4 VT-3/4 visual

#### System

ccsw

Containment Cooling Service Water CRD Control Rod Drive CRDH Control Rod Drive, Hydraulic Control Rod Drive, Scram Discharge Volume CRDSD CSAD Core Spray "A", Pump Discharge Core Spray "A", Pump Suction **CSAS** Core Spray "B", Pump Discharge CSBD Core Spray "B", Pump Suction **CSBS** Diesel Generator Service Water DGSW Feedwater, Class 2 FW2 Feedwater "A" **FWA** Feedwater "B" **FWB** High Pressure Coolant Injection, Pump Discharge **HPCIPD** High Pressure Coolant Injection, Pump Suction **HPCIPS** 

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# Section IV Abbreviations

| HPCISS | High Pressure Coolant Injection, Steam Turbine Supply  |
|--------|--|
| HPCITE | High Pressure Coolant Injection, Turbine Exhaust   |
| ISCOCR | Isolation Condenser, Condensate Return   |
| ISCOSS | Isolation Condenser, Steam Supply  |
| ISCOVP | Isolation Condenser and Vent Piping  |
| JPIA   | Jet Pump Instrumentation Loop "A"  |
| JPIB   | Jet Pump Instrumentation Loop "B"  |
| LPCIAD | Low Pressure Coolant Injection "A", Pump Discharge   |
| LPCIAS | Low Pressure Coolant Injection "A", Pump Suction   |
| LPCIBD | Low Pressure Coolant Injection "B", Pump Discharge   |
| LPCIBS | Low Pressure Coolant Injection "B", Pump Suction   |
| LPCIHX | Low Pressure Coolant Injection Heat Exchengers   |
| LPCISR | Low Pressure Coolant Injection Torus Spray Ring  |
| LPCITR | Low Pressure Coolant Injection Test Return to Torus  |
| LPCIX  | Low Pressure Coolant Injection Crosstie  |
| LVLA   | Lower Vessel Level "A"   |
| LVLB   | Lower Vessel Level "B"   |
| MSA    | Main Steam "A"   |
| MSB    | Main Steam "B"   |
| MSC    | Main Steam "C"   |
| MSD    | Main Steam "D"   |
| MSDN   | Main Steam Drain   |
| RHS    | Reactor Head Spray   |
| RHV    | Reactor Head Vent  |
| RPV    | Reactor Pressure Vessel  |
| RRAD   | Reactor Recirculation Loop "A", Pump Discharge (U/2 includes the crosstie piping up to but not including weld 202-6B/L3) |
| RRAS   | Reactor Recirculation Loop "A", Pump Suction   |
| RRBD   | Reactor Recirculation Loop "B", Pump Discharge (U/2 includes the crosstie piping up to but not including weld 202-6B/L3) |
| RRBS   | Reactor Recirculation Loop "B", Pump Suction   |
| RVBD   | Reactor Vessel Bottom Drain  |
| RWCU   | Reactor Water Clean Up   |
| SBLC   | Standby Liquid Control   |
| SDC    | Shutdown Cooling   |
| SRVDA  | Safety Relief Valve Discharge "A"  |
| SRVDB  | Safety Relief Valve Discharge "B"  |
| SRVDC  | Safety Relief Valve Discharge "C"  |
| SRVDD  | Safety Relief Valve Discharge "D"  |
| SRVDE  | Safety Relief Valve Discharge "E"  |
| UVLA   | Upper Vessel Level "A"   |
| UVLB   | Upper Vessel Level "A"   |

Commonwealth Edison Co. P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 June, 1995 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date; 06-09-72

#### Section V

## Examinations, Tests, Replacements, And Repairs Since The Preceding Summary Report

Several ASME Section XI repairs and replacements have taken place at Dresden Unit 2 since the previous summary report was issued. A review of the Dresden Station Section XI Repair Program Log was conducted in order to identify the various repairs and replacements.

Copies of the NIS-2 forms associated with all of the Section XI repairs and replacements conducted since the previous summary report have been included in this section. The NIS-2 forms provide an abstract of the repairs and replacements and outline the examinations and tests performed in conjunction with them.

A listing of NIS-2 forms is included in this section in order of repair/replacement plan number followed by the work request number.

# Section V Examinations, Tests, Replacements, And Repairs Since The Preceding Summary Report

| NIS-2 No.        | Work Request           |
|------------------|------------------------|
| 292008           | 910051512              |
| 292094           | 910056930              |
| 292097           | 920054394              |
| 292100           | 920051758              |
| 292101           | D03575                 |
| 292102           | D06073                 |
| 293028           | 920051758              |
| 293035           | D10023                 |
| 293044           | 930050348              |
| 293054           | 920052186              |
| 293059           | D17064                 |
| 293080           | 930050329              |
| 293081           | 930050330              |
| 293093           | 930054228              |
| 293095           | D20319                 |
| 293096           | 920057928              |
| 293097           | 920057927              |
| 293098           | 930049466              |
| 293099           | 930056392              |
| 293100           | 930056479              |
| 293101           | 930056485              |
| 294001           | 940095811              |
| 294005           | 940094050              |
| 294006           | 940097120              |
| 294009           | D25355                 |
| 294010           | 940097001              |
| 294011           | 940097981              |
| 294013           | 940097133              |
| 294014           | 940097872              |
| 294019           | 940094890              |
| 294020           | 940097221              |
| 294021           | 940097221              |
| 294022           | 940097221              |
| 294023           | 940097078              |
| 295001           | 930057419              |
| 295002           | 940094875              |
| 295003           | 950018469              |
| 295004           | 940095744              |
| 295005           | 940093991              |
| 295006           | 940093999              |
| 295010<br>295013 | 940096115              |
| 295013<br>295014 | 940096964<br>940096967 |
| 230014           | 3 <del>4</del> 0030307 |

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Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450

# Section V Examinations, Tests, Replacements, And Repairs Since The Preceding Summary Report

| Work Request |
|--------------|
|              |
| 940093626    |
| 940097732    |
| 940097733    |
| 940094036    |
| 940093990    |
| 930056328    |
| 940097591    |
| 940097586    |
| 940097589    |
| 940094588    |
| 940093913    |
| 940095125    |
| 930049715    |
| 930049716    |
| 930055725    |
| 950018493    |
| 920053324    |
| 950018491    |
| 950053357    |
| 950059838    |
| 950051907    |
| 920052186    |
| 930052862    |
| 920051982    |
| 950018492    |
| 940094579    |
| 930051212    |
| 950075121    |
| 950016551    |
| 940093989    |
| 940094097    |
| 940097593    |
| 950096408    |
| 950042171    |
| 940094047    |
| 950104775    |
|              |

#### ATTACHMENT 1

## NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

DAP 11-18 REVISION 06

| 1. Owner: ComEd   | za. Chicago IL. 60690  |   | Date:   |  |  |  |                           |  |
|---|--|---|---|--|--|--|---------------------------|--|
|   |  |   |   |  | Sh   | leet: _1_ Of _1_   |                           |  |
| 2. Plant: <u>Dresden Nuclear Powe</u> 6500 N. <u>Dresden Ros</u>  | ad. Morris IL 60450  |   |   |  |  | Unit:2_  |                           |  |
| 3. Work Performed By: <u>SAME AS ABOVE</u> (Name) <u>910051512 PLAN 2-92-008</u>  |  |   |   |  |  |  | <del></del>               |  |
| Repair Organization P.O. No., Job No. etc.  SAME AS ABOVE (Address)   |  |   |   |  |  |  | etc.                      |  |
| 4. Identification of System: 02   | 4. Identification of System: <u>0202_REACTOR_RECIRCULATION</u>   |   |   |  |  |  |                           |  |
| (b) Edition of Section XI used  | 5. (a) Construction Code <u>USAS B31.1.0ASME Sect. I</u> , 19.67/65 Edition, <u>NO</u> Addenda, Code Cases <u>NO</u> (b) Edition of Section XI used for Replacement 19.89 Edition, <u>NO</u> Addenda, Code Cases <u>NO</u> 6. Identification of Components Repaired or Replaced and Replacement Components |   |   |  |  |  |                           |  |
| Name of<br>Component  | Name of Manufacturer   | Mfrs.<br>Serial No.   | Nat<br>Brd<br>No  | Other<br>ID  | Yr<br>Blt  | Repair,<br>Replaced or<br>Replacement  | Code<br>Stamped<br>Yes/No |  |
| 3" 900# BLIND FLANGE  | UNKNOWN  | NONE  | N/A   | LINE 2-0202B-28"-A   | N/A  | REPLACED   | NO                        |  |
| 3" 900# BLIND FLANGE  | UNKNOWN  | NONE  | N/A   | LINE 2-0202B-28"-A   | N/A  | REPLACEMENT  | NO                        |  |
|   |  |   |   |  |  |  |                           |  |
|   |  | ļ <u></u>   |   |  | <u> </u>   |  |                           |  |
| <u></u>   |  |   |   |  |  |  |                           |  |
| 7. Description of work: Replaced  | i temporary blind flange (wh   | nich conatained E   | CP prob   | es) with the original blind f  | lange and  | closed out Temporary A   | teration II-40-9          |  |
|   | Hydrostatic [ ] Pneumat<br>Test Pressure 1040  |   | -   | ting Pressure [X] Not A  | Applicable   | •[]  |                           |  |
|   |  |   |   |  |  |  | <u> </u>                  |  |
|   |  |   |   |  |  |  |                           |  |
| Signed: Brendan   | Certificate of Compliance  We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.  Signed:   Signed: 151 Coordinator 5-8 , 1996 (Owner or Owner's Designee) (Title) (Date)   |   |   |  |  |  |                           |  |
|   |  | Continu   |   | anation.   | <u></u>  |  |                           |  |
| I, the undersigned, holding a variable of the undersigned, holding a variable of the undersigned, employ REPLACEMENT described it constructed in accordance with expressed or implied, concerniany manner for any personal in the undersigned by | red by The Hartford Steam E in this report on 9/2 n Section XI of the ASME C ing the repair or replacement niury or property damage or   | the National Boar<br>Boiler Insurance:<br>, 19 <u>M</u> and<br>Code. By signing<br>t described in thi | rd of Boi<br>and Inspe<br>state to t<br>this cert<br>is report. | ection Co. of Hartford. Con<br>the best of my knowledge a<br>difficate neither the inspector<br>Furthermore, neither the i | nnecticut had belief,<br>nor his ennspector rais inspector | aving inspected the<br>this repair or replacemen<br>imployer makes any warm<br>for his employer shall be<br>ion. | it has been<br>inty,      |  |
|   | *- *- *- *- *- *- *- *- *- *- *- *- *  |   |   |  | (Stat  | e or Province, National I  | Board)                    |  |

| 1. Owner   | : Commonwealth Edison Com<br>One First National Plaza, Ch         | pany (Name)<br>icago II., 60690 (Address | )                   |                  |  |  | -7-95                                 |                           |
|--|---|--|---------------------|------------------|--|--|---------------------------------------|---------------------------|
| 2. Plant:  | Dresden Nuclear Power R.R. #1, Morris II., 60                     | Station (Name)                           |                     |                  |  | :<br>3   | of <u>1</u>                           |                           |
|  |   |  | . I                 | Repa             |  |  |                                       | 2-094                     |
| 3. Work Performed By: Fluor Constructors (Name)  Repair / Replacement Plan 2-92-094  Repair / Repair Organization P.O. No., Job No. etc. |   |  |                     |                  |  |  |                                       |                           |
|  | P.O. BOX 827 MOTTIS, IL 6045 (Address)                            |  |                     |                  |  |  |                                       |                           |
| 4. Identifi  | 4. Identification of System: 1000 (Removal of valve U2-1001-206C) |  |                     |                  |  |  |                                       |                           |
| 5. (a) Construction Code USAS B31s. 1.0, 19 67 Edition, none Addenda, Code Cases none  |   |  |                     |                  |  |  |                                       |                           |
| (b)  | Edition of Section XI used for i                                  | Repair/Replacement 19 <u>89</u>          | Edition, no         | ne ,             | Addenda, Code Cases non                          | e  | ·                                     |                           |
| 6. Identifi  | cation of Components Repaired of                                  | or Replaced and Replacement              | Components          |                  |  |  |                                       |                           |
| مسسم   |   |  |                     |                  | <del></del>                                      | <del></del>                                      | <del></del>                           |                           |
|  | Name of<br>Component  | Name of Manufacturer                     | Mfrs.<br>Serial No. | Nat<br>Brd<br>No | Other<br>ID                                      | Yr<br>Bit  | Repair.<br>Replaced or<br>Replacement | Code<br>Stamped<br>Yes/No |
| U  | 2-1001-206C .   | Unknown                                  | Jnknown             | na               | U2-1001-206C                                     | 67   | Replace                               | na                        |
|  |   |  |                     |                  |  |  |                                       |                           |
| ٠.   |   |  |                     |                  |  |  |                                       |                           |
|  |   |  |                     |                  |  |  |                                       |                           |
|  | <del> </del>  |  |                     |                  | <del>                                     </del> |  |                                       |                           |
|  | ·····   |  |                     |                  |  | <del>                                     </del> |                                       | <del></del>               |
| 7. Descrip   | tion of work: Removal pped with 2 we.                             | of valve U2-<br>Ided caps. Re            | 1001-20<br>terence  | 6C.<br>Rep       | Remaining ling ling ling ling ling ling ling     | ne v<br>ent                                      | was cut<br>Plan 2-                    | and<br>92-094             |
| 8. Test Co   | • •   |  | rating Pressure (   |                  | ot Applicable ( )                                |  |                                       |                           |
|  | Test Pressure   | psig Test Tempera                        | me > 190            | _ <b>•</b> F     |  | •  |                                       |                           |
| 9. Remark  | Valve U2-100  | 01-206C was r                            | emoved:             | fron             | by-pass line                                     | <u> (</u> ]                                      | l 1/4 in                              | ch                        |
| <u>51</u>  | ze) coming off  | or line 2=10                             | 11C-14"             | ar_              | Valve MUZ-LUC                                    | 1154   | 2C.                                   |                           |
|  |   |  |                     |                  | <del></del>                                      |  | <del></del>                           |                           |
|  |   | Cort                                     | ificate of Comp     | iance            |  |  |                                       |                           |
| We certi   | ify that the statements made in th                                |  | Realecemen          | 1                | Conforms to Section X                            | of the   | ASME Code                             | · }.                      |
| Signed:  | Sendan J. Cu. (Owner or Owner's Design                            | sees ISI Coo                             | dinator             | 9-7              | , 19 <u>95</u>                                   |  |                                       | j j                       |
|  | (Owner or Owner's Desig   | (Title                                   | )                   | (Date            | )  |  | É                                     |                           |
|  |   |  |                     |                  |  |  |                                       | لسست                      |
|  |   | Cer                                      | tificate of Insper  | tion             |  |  |                                       |                           |
| i, the un  | dersigned, holding a valid comm                                   | nission issued by the National           | Board of Boiler     | and Pre          | saum Vassel Inspectors and th                    | e State  | or Province of                        |                           |
| í ———  | dersigned, holding a velid comm                                   |  | · · /               |                  | /S   | ensir o  | r Reniausmenti                        | .                         |
| describe   | d in this report on 9-//<br>nce with Section XI of the ASME       | , 19 <u>96</u> and state to the bea      | t of my knowled     | ge and I         | clief, this repair or replaceme                  | es has   | been constructed                      | n I                       |
| implied.   | concerning the repair or replace                                  | ment described in this report.           | Furthermore, n      | either ti        | ne inspector nor his employer                    | shail be   | s liable in any ma                    | nuef                      |
|  | personal injury or property dama                                  | ge or a loss of any kind ansi-           |                     |                  |  | 27   | מצו מר נמנער                          |                           |
| Date: 7  | 1-1/4/ Inspector:   | NO MI / KAMING                           | <u></u>             | Comr             | nissions: 16932, N<br>(State of Provin           | ce, Na   | tional Board)                         | -                         |
| <br>   |   |  |                     |                  |  | <del></del>                                      |                                       |                           |
|  |   |  | of 31               |                  | Dosglo   | -0   |                                       |                           |

## FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

| 1. Owner: Commonwealth Edison Comp   | 1. Owner: Commonwealth Edison Company (Name) One First National Plaza, Chicago II., 60690 (Address) |                     |                       |   |  | 7-95 :                 | ٠_              |
|--|---|---------------------|-----------------------|---|--|------------------------|-----------------|
| 2. Plant: Dresden Nuclear Power  |   | •                   |                       | Sheet   | :1   | or <u>1</u>            | •               |
| R.R. #1, Morris IL., 60  |   |                     | וומ                   | Unit:<br>.083 (M12-2-9  | $\frac{2}{1-0}$                              | <u>10.3</u> )          |                 |
| 3. Work Performed By: Fluor C  | onstructors of  | Rep                 | a <u>ir/Replaceme</u> | ent   | Plan 2-                                      |                        |                 |
| Box 827, Morris, Ill. 60450 (Address) Repair Organization P.O. No., Job No. etc.   |   |                     |                       |   |  | s. <sub>.</sub>        |                 |
| 4. Identification of System: 1600/0300 Summer                                      |   |                     |                       |   |  |                        |                 |
| 5. (a) Construction Code ASME Sect. I 19 65 Edition, 1966 Addends, Code Cases None |   |                     |                       |   |  |                        |                 |
| (b) Edition of Section XI used for R   | epair/Replacement 19_8  | Edition. N          | one ,                 | Addenda, Code Cases   | N  | one                    |                 |
| 6. Identification of Components Repaired or Replaced and Replacement Components    |   |                     |                       |   |  |                        |                 |
|  |   |                     | <del></del> _         |   | <del></del>                                  |                        |                 |
| Name of Component  | Name of Manufactures  | Mfrs.<br>Serial No. | Nat<br>Brd            | Other<br>ID   | Yr<br>Bit                                    | Repair.<br>Replaced or | Code<br>Stamped |
|  | /-  |                     | No                    |   | <u> </u>                                     | Replacement            | Yes/No          |
| Unused Control .   | N/A   | N/A                 | N/A                   | N/A   | 67   | Repair                 | T N/A           |
| Rod Drive Return Line #2-0308  |   |                     | <del> </del>          | <del></del>   |  |                        |                 |
| HINE #2-0308   |   |                     | <del>-</del>          | TOTAL TOTAL AND ADMINISTRATION OF THE PARTY | <u> </u>                                     |                        |                 |
|  |   | N/A                 | NA                    | LINE & 2-0308-4"  |  | REPLACEMENT            | NA              |
| 13" KH BO B.W. 44 CAP  | LIMENTOWN   | 194                 | 1002                  | NOZBLE NO   | -  |                        | ·               |
| 44 402 GR WP 304   |   |                     | <u></u>               |   | <u>.                                    </u> | "0 036                 | 20              |
| 7. Description of work: Cut and near Reactor Pres                                  | sure Vessel N   | lozzle              | N-9.                  | drive return  | lin  | e #2-030               | 78 .            |
| 8. Test Conducted: Hydrostatic (X) Pro   | oumatic [ ] Nominal Ope   | erating Pressure    | () 1                  | fot Applicable [ ]  |  |                        |                 |
| Test Pressure 113  | psig Test Temper  | 2190                | _•F                   | •   |  |                        |                 |
| 9. Remarks: Cut and capped Cf  | <del></del> _   |                     |                       | ion M12-2-91-00   | 3.   |                        |                 |
|  |   |                     |                       |   |  |                        |                 |
|  |   |                     |                       |   |  |                        |                 |
|  | Con   | ificate of Com      | ntiance               |   |  |                        |                 |
| We certify that the statements made in th  |   | Dalace              | 224                   | Conforms to Section X   | I of the                                     | ASME Civie             | .               |
| Signed: Bundan J. Class (Owner or Owner's Design                                   | 15I Coord   | linz tor            | 9-7                   | , 19 <u>95</u>  |  |                        | 1               |
| (Owner or Owner's Desig  | 1146) (1146   | •)                  | (DAU                  | •)  |  |                        |                 |
|  |   |                     |                       |   |  |                        | <del></del>     |
|  | Cer   | rtificate of lasp   | ection                |   |  |                        |                 |
| 1, the undersigned, holding a valid comm   | ission issued by the National $SB/+I/O$ of  | Board of Boile      | er and Pro            | essure Vessel Inspectors and the  | State  | or Province            | }               |
| described in this report on 10-34!   | _   |                     |                       | ď   | Pensie r                                     | e Reniecaments         | -               |
| accordance with Section XI of the ASME implied, concerning the repair or replace   | Code. By signing this certi   | ificate neither th  | e inspect             | or nor his employer makes an  | y warta                                      | nty, expressed or      | - ∦             |
| for any personal injury or property dama   | ge or a loss of any kind arisi  | ing from or con     | nected w              | ith this inspection.  |  |                        |                 |
| Date: 10-20-9 C. Inspector:  | KALT T. Kaine   | <u> </u>            | Com                   | missions: 16 432 M/   | 3 <i>77</i> 4                                | 2×120                  | -               |
| (State or Province, National Boards  |   |                     |                       |   |  |                        |                 |

## FORM NIS-1 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

| 1. Owner: Commonwealth Edison Comp<br>One First National Plaza, Chie  | ARO II., 60690 (Address)                                 | 1                                     |                        | Date   | :!               | -15-93                                  | -                         |
|---|--|---------------------------------------|------------------------|--|------------------|---|---------------------------|
| 2. Plant: Dresden Nuclear Power S  R.R. 11, Morris IL., 604   | Station (Name)   |                                       |                        |  | 卫                | or_ <u>/</u><br>/3                      |                           |
| 3. Work Performed By: LOM MANUE   |  |                                       |                        | 2-92-10<br>Repair Organizati   | 00 80            | WR#                                     | 084                       |
| ONE FIRST CITICAGO 4. Identification of System: 200 A   | NATIONAL PLAZA   | Address)                              |                        | Kehati Cikimzan  | 0 <u>1</u> F.U   | . No., 100 No. et                       |                           |
| 4. Identification of System: 200 A  | JUCLETA B  | OLLER                                 |                        |  |                  | ·                                       |                           |
| 5. (a) Construction Code AUSI   |  |                                       |                        |  |                  |   |                           |
| (b) Edition of Section XI used for R  | epair/Replacement 19 <u>89</u>                           | _ Edition, _ N                        | IA.                    | Addenda, Code Casea  | /A               |   |                           |
| 6. Identification of Components Repaired of   | r Replaced and Replacement                               | Components                            |                        |  |                  |   |                           |
| Name of<br>Component  | Name of Manufacturer                                     | Mfre.<br>Serial No.                   | Net<br>Brd<br>No       | Other<br>ID  | Yr<br>Bh         | Repair, Replaced or Replacement         | Code<br>Stamped<br>Yes/No |
| MAIN STEAM ELECTRO-<br>MATIC RELIEF VALUE   | DRESSER  | BK-7083                               | N/A                    | 2/3-0203 SPARE   | 65               | <del> </del>                            | NO                        |
|   |  |                                       |                        |  |                  |   |                           |
|   |  |                                       |                        |  |                  |   |                           |
|   |  |                                       |                        |  |                  |   |                           |
|   |  |                                       |                        | ····   |                  |   |                           |
|   |  |                                       | <u> </u>               |  |                  | <u> </u>                                |                           |
| 7. Description of work: REPAIR  | TWO SMALL  | GUUC                                  | E3 0                   | IN THE VALVE   | F                | LANGE                                   | <u> </u>                  |
|   |  |                                       |                        |  | <del></del>      | APPR                                    | OVEI                      |
| 8. Test Conducted: Hydrostatic [ ] Po   | psig Test Temper   |                                       |                        | tor Abbiterate Al  |                  | MAY O                                   | 1 '92                     |
| 9. Remarks:   |  |                                       | _                      |  |                  | · MAY U                                 | 1 32                      |
| 7. 1541-15-1  |  |                                       |                        |  |                  | <b>D.</b> O.                            | S.R                       |
|   |  |                                       |                        |  |                  |   | <u> </u>                  |
|   |  |                                       | <u></u>                |  |                  |   | -                         |
| We certify that the statements made in th   | Cert<br>is report are correct and this                   |                                       | IR.                    | Conforms to Section X  | I of the         | ASME Code.                              |                           |
| Signed: Lawrence J. Moru  | ven TECHILICA  | (Repair or<br>L SUPT.                 |                        |  |                  |   |                           |
| (Owner or Owner's Design  | race) (Title   | )                                     | (Deu                   | •)   |                  |   |                           |
|   |  |                                       |                        |  |                  |   |                           |
|   | Ces  | tificate of Issp                      | ection                 |  |                  |   |                           |
| I, the undersigned, holding a valid comm<br><u>ILLINDIS</u> , employed by <u>H</u>  | uission issued by the National                           | Board of Boile                        | r and Pro              | having inspected the   | REI              | or Province of PAIR  or Replacement)    |                           |
| described in this report on/O accordance with Section XI of the ASME implied, concerning the repair or replace for any personal injury or property dama | Code. By signing this certiment described in this report | ficate polither the Furthermore,      | s inspect<br>neither t | belief, this repair or replaceme<br>or nor his employer makes any<br>he inspector nor his employer | ont has<br>Warra | been constructed in<br>my, expressed or |                           |
| Date: 1-10-96 Inspector:  |  |                                       |                        | missions: 1/932 N<br>(State or Provin  | 13 1<br>ce. Nat  | 742 N/52                                | 3_                        |
|   |  | , , , , , , , , , , , , , , , , , , , |                        | fame of 1101m  |                  |   |                           |

## FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT AS Required by the Provisions of ASME Code Section XI

|            |  | •                            | ••••••      | ••••••       |  | •••••        | • |   |
|------------|--|------------------------------|-------------|--------------|--|--------------|---|---|
| 760        | WNER:                                  | COMMONWEALTI                 | (NAME)      | <u>IPANY</u> |  |              | DATE: <u>09-15-91</u>                   |   |
|            |  | RT. #1 MORI                  |             | S 6045       | 0  |              | SHEET: 01 OF 01                         |   |
| •          | TH OUT                                 | ()                           | IDDRESS)    |              |  |              |   | _   |
| 2.         | PLANT:                                 | Dresden Nuclear Pi<br>(Name) | MEK ZIHITUN |              | UNI  | T: <u>3</u>  | <del> </del>                            | <del></del>   |
|            |  | RT. #1 MORRIS, II            | LINOIS 604  | 50           |  |              |   |   |
| 3.         | WORK DERENRMEN BY:                     | (ADDRESS)                    | INED .      |              |  | IP # 11975   | 75 - RD #229 (*                         | 2-92-101)   |
| J.         | WORK PERFORMED BY:                     | ()                           | IAME)       | <u>-</u>     |  | AIR ORGANIZ  | ATION P.O. NO. , J                      | DB NO. ETC.   |
|            |  |                              | ME          |              |  |              |   |   |
| 4.         | IDENTIFICATION OF S                    |                              | (RESS)      |              |  |              |   |   |
| 5.         | (a) APPLICABLE COM                     | NSTRUCTION CODE ANS          | 1 B31.1 196 |              |  |              | DENDA, CODE CASES _                     |   |
| 6.         | (b) APPLICABLE EDI                     |                              |             |              |  |              | 9 <u>77</u> , <u>\$79</u> (             | addenda, code cases <u>N/A</u>                          |
|            | IDENTITION OF C                        | SOLLOWING WELNINGT           |             |              | CPLHCCMENT C                                 |              |   |   |
|            | AME OF I NAME OF                       |                              |             |              | I OTHER I                                    |              |   | I ASME CODE I   |
| LU         | MPONENT I MFR.                         | 1 NO. (                      | BD. I       |              | IDENTI- <br>  FICATION                       |              | REPLACED,<br>OR                         | i stamped i<br>I (yes or no) i                          |
| 4          | PCI Mission                            | <u> </u>                     | !           |              | <u>                                     </u> |              | REPLACEMENT                             | 1 1   |
|            | 3-230-45 Hallow                        | n   Column                   | N/A!        | NA           | 18-23ch461                                   | MARKEN)      | x KEPALED                               | No  |
|            | PCI I HISGIAN                          | 3771                         | N/A I       |              | <br> 3-2301-45                               | N/A          | REPLACEMENT                             | 1 NO 1  |
| 3-2        | 301-45   Marlin ?                      |                              |             |              | 1 1  |              |   |   |
| מייייין    | VALVE 1                                | <u> </u>                     | <u> </u>    |              | <u> </u>                                     |              |   | <u>                                     </u>            |
|            | <u>'</u>                               |                              | !           |              | <u>'</u>                                     |              |   | ' <del></del>   |
|            | DESCRIPTION OF WORK                    |                              |             |              |  |              | ADECUME F. T                            | OTHER [X]   |
| 8.         | TESTS CONDUCTED:                       | PRESSURE: 1000               |             |              |  |              | PRESSURE []                             | CINEK TY1   |
| 9.         |  |                              | _           |              |  |              | ION WITH SYSTEM AT                      | NORMAL OPERATING PRESSURE TO                            |
|            | VERIFY NO LEAKAGE.                     |                              |             |              |  |              | **                                      |   |
| ****       | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | *******                      | *****       | ****         | ·~~~~  | ****         | ******                                  | *******   |
| וור פר     | -07167 TUNT THE CTOI                   | TEMENTS MANE IN THE          |             |              | E OF COMPLIA                                 |              | CEMENT CONIC                            | DIME TO CEPTION VI DE THE                               |
|            | ERTIFY THAT THE STAT<br>CODE.          | ELIENIS LANDE IN INT         | א ואטיפשא כ | E LURKEL     | _  |              | <u>Cement</u> confo<br>Replacement)     | IRMS TO SECTION XI OF THE                               |
|            | $\varphi$                              | J. Hum                       | 72          | C111         |  |              |   | Q.  |
| SIGNE      | OHNER OR OWNER                         |                              | <u> </u>    | TITLE        | al supt                                      |              | CEMBER Z, 19                            | <del></del>   |
| 1~~~       | CONNECT OF DWINE                       | narrannarrannarran<br>(,     | *****       | 111LE        | ····   | \<br>******* | <i>UHIE)</i><br><del>~~~~~~~~</del>     |   |
| 1          |  |                              | (           | CERTIFIC     | ATE OF INSPE                                 | CTION        |   | !   |
| <br>  I.   | THE UNDERSIGNED. HO                    | LDING A VALID COMM           | ISSION ISSU | FT) RY THE   | - NATIONAL R                                 | nard of Boi  | LER AND PRESSURE VE                     | SSEL INSPECTORS AND THE                                 |
| I ST       | TE OR PROVINCE OF                      | ILLIN019                     |             | EMPLOYE      | O BY <u>#5/</u>                              | 3/4/         | <u> </u>                                | OF I  |
| <i>#</i> / | ARTFORD CT                             | HAVING INSPECT               |             |              | <i>9CEMIEN</i><br>Or replacemen              |              | CRIBED IN THIS REPO                     | IRT ON 12-2-, 1995                                      |
| IANI       | STATE THAT TO THE                      | BEST OF MY KNOWLED           |             |              |  |              | has been constructe                     | D IN ACCORDANCE WITH                                    |
|            |  |                              |             |              |  |              |   | S ANY WARRANTY, EXPRESSED ORI                           |
|            |  |                              |             |              |  |              |   | ECTOR NOR HIS EMPLOYER SHALLI<br>OR CONNECTED WITH THIS |
|            | PECTION.                               | _                            | 2.          | TT           | Out.   |              |   | · · · · · · · · · · · · · · · · · · ·                   |
|            | DATE: 1 3-1-9                          | <u>5</u> INSPECTOR:          | Kar         | <u> </u>     | euw 5  | COMMISSION   | S: <u>//-932 ////</u><br>(STOTE OF BRO  | 7/42/4/5/5 I  |
| 1          |  |                              |             |              | <u> </u>                                     |              | COLATE OF PRO                           | VAINUL INTIALITY DUTINI                                 |

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 4 ON THIS DATA REPORT IS INCLUDED ON EACH SHEET, AND (3) EACH SHEET IS NUMBERED AND THE NUMBER OF SHEETS IS RECORDED AT THE TOP OF THIS FORM.

## FORM NIS-2 CHANER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

| f                    | OWNER:                         | COMMONWEALTI                                   | EDISON COMPANY  |  |                                       |  |   | DATE: 1/20/92  |                                   |  |
|----------------------|--------------------------------|--|---|--|---------------------------------------|--|---|--|-----------------------------------|--|
|                      | _                              | R.R.#1 MOI                                     | RRIS, ILLINOIS 6  | (NAME)<br>0450                           |                                       |  |   | SHEET: 1 OF _  | 1_                                |  |
| •                    |                                |  |   | (ADDRESS)                                |                                       |  |   |  |                                   |  |
| 2.                   | PLANT:                         | DRESDEN NUCL                                   | EAR POWER STATIO  | <u>n</u>                                 |                                       | UN   | IT: <u>03</u>                           |  | <del></del>                       |  |
|                      |                                | GANG A   | (NAME)  |  |                                       |  |   |  |                                   |  |
|                      |                                | SAME AS  |   |  | _                                     | _  |   |  |                                   |  |
| ٠,                   | LIDRY D                        | ERECOMEN DV                                    | (ADDRESS)   |  | .ne                                   | ,  |   | RPR. #265  | 1-91-1                            | $\alpha$                                 |
| 3.                   | MOKK P                         | FKLUKWED RA:                                   | COMMONWEALTH EI   | NAME)                                    | NY                                    |  | N. K. : DUDU/3                          | KPK. #265 C  | TOD NO ETC                        |  |
|                      |                                |  |   |  |                                       | RE   | אווא טאטאטו.                            | (HIION P. O. NO. ,   | JUB NU. EIL.                      | and the second second                    |
|                      |                                | -  |   | ) above<br>)Dress)                       |                                       |  | •                                       |  |                                   |  |
| 4.                   | TRENTTI                        | בורמדותא מב פי                                 | (H)<br>STEM: <u>300</u> C(  |  | notuce                                | en L   | 4-44                                    | •  | KN GARY FO                        | ir replacement item.                     |
| 5.                   | 10514111                       | LICHITOM OF SI                                 | 131EM1  | ME CEC 7 14                              | 0K1VE3                                | DITION NA                                    | - C5 OD                                 |  |                                   | -2, 1361 and 1352                        |
| J.                   | (b) (ii                        | PPLICHBLE CUN                                  | ווטיווסה הבטבונטא /<br>פועמיווטא כיסיה אי   | <u> </u>                                 | במס מבמעז<br>ב                        | סכ עם סבנונעו<br>האוזנותוי <u>י-אי</u> נו    | YEMENITO _ 10                           | 9 <u>77                                   </u>   | VIVIENDO COM                      | C LUCES NIVO                             |
| 6.                   |                                |  | MPONENTS REPAIRE  |  |                                       |  |   | <u> </u>   | _ HDDENDH; CODI                   | E CHOES N/H                              |
| A1-                  | NME OF                         | ו אמשר מר                                      | ו אכתף פרת  | I MATTI                                  | ) CON                                 | i otico                                      | VEAD                                    |  | 1 00                              | אב החתב                                  |
|                      | ame of<br>Mponent              |  | I MFRS. SER.<br>I NO.   | I NAT'L.<br>I BD.                        |                                       | I OTHER<br>I IDENTI-                         |   | I REPAIRED,<br>I REPLACED,   |                                   | ME CODE                                  |
| LU.                  | APONEN I                       | i PETA.  | 1 140.  | I NO.                                    |                                       | FICATION                                     |   | The second secon |                                   | S OR NO)                                 |
|                      |                                | 1  | 1   | NO.                                      |                                       | I I TONI TON                                 |   | i replacement  | 1 (15)                            | 1 10H 7ID C                              |
|                      | CRD                            | igeneral ele(                                  | TI 876  | ·  | I N/A                                 | I N/A  | 1949 144-64                             | P REPLACED   | -1                                | YES I                                    |
|                      | CRD                            | IGENERAL ELEC                                  |   | I N/A                                    |                                       |  |   | REPLACEMENT  |                                   | YES 1                                    |
|                      | BOLTS                          | IGENERAL ELEC                                  |   | I N/A                                    | I N/A                                 | I N/A  |   | 73 REPLACED  |                                   | YES- NO                                  |
|                      | BOLTS                          |  | TI 117C4515P002   |  | I N/A                                 | I N/A  | N/A                                     | REPLACEMENT  | 1 224-94                          |  |
| CIND                 | DULIU                          | 1  | 1   | 1  | 1 10/11                               | <u> </u>                                     | <u></u>                                 | METEROLINA 1   | 1                                 | 1  |
|                      |                                | <del>'</del>                                   | 1   | <u>'</u>                                 | 1                                     | !  |   | <u> </u>   | 1                                 | <del></del>                              |
| 8.                   | REMARKS                        | CONDUCTED:<br>6: <u>REMOVED AN</u>             | E REMOVE AND REPL<br>HYDROSTATIC I<br>PRESSURE: 1<br>ID REPLACED ONE (<br>Wined during) | PNEL<br>100 PSI.<br>RD FROM POS          | MATIC (<br>TES<br>SITION F-5          | ) NOMINI<br>T TEMP. <u>  8</u><br>AND REPLAC | L OPERATINO                             | S PRESSURE [ ]<br>CONTROL ROD DRIVE  |                                   |  |
|                      |                                |  |   |  | · · · · · · · · · · · · · · · · · · · |  |   |  |                                   |  |
|                      | ERTIFY 1                       | THAT THE STATE                                 | MENTS MADE IN TH  | IIS REPORT A                             | are correc                            | ·  | REPLAC<br>(REPAIR OR                    | REPLACEMENT)   | FORMS TO SECTI                    | ON XI OF THE                             |
| SIGN                 | :D: <u>(//</u>                 | un 210   | zouska  | MAIN                                     | r. Staf                               | F SUPV                                       |   | 8/23,  | 19 <u>95</u>                      |  |
|                      | (0)                            | iner Ør Dwiner'                                | & DESIGNEE)   |  | TITLE                                 |  | - (                                     | (DATE)   |                                   |  |
| ~~~                  | ·~~~~                          | <u></u>  | , <del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>                                       | <del>,~~~~</del>                         | CERTIFIC                              | ATE OF INSPE                                 | CTION                                   | <del></del>  | <del>,</del> ~~~~~~~~~~           |  |
| <br>  T              | TUE IBI                        | ACDOTONOM DOL                                  | DING A UNITE COL  | MICCION INC                              | יונדת מט דויי                         | - NATIONAL 1                                 | ብለበክ በና <u>የ</u> ብ                      | I ED AND DOCCOURE  | 18000 TAMBOO                      | <br>                                     |
| I STA                | ate or i                       | PROVINCE OF _                                  | ILLINDIS  |  | _, EMPLOYI                            | D BY <u>HARTFO</u>                           | rd steam bo                             | LER AND PRESSURE   | ND INSURANCE C                    | 20, OF ( )                               |
| <u> </u>             | עאטרואו                        | CT.  | HAVING INSPEC   |  |                                       | <u>HUEMENI</u><br>JR REPLACEME               |   | SCRIBED IN THIS RE   | PURI UN D                         | <u>7</u>                                 |
| I SEC<br>I IMI<br>BE | CTION XI<br>PLIED, (<br>LIABLE | OF THE ASME<br>CONCERNING THE<br>IN ANY MANNER | CODE. BY SIGNING<br>REPAIR OR REPLA   | DGE AND BEL<br>THIS CERTI<br>CEMENT DESC | IEF, THIS<br>FICATE, N<br>RIBED IN    | REPAIR OR F<br>EITHER THE I<br>THIS REPORT.  | EPLACEMENT<br>NSPECTOR NO<br>FURTHERMOR | HAS BEEN CONSTRUC<br>IR HIS EMPLOYER MA<br>IE, NEITHER THE IN<br>IY KIND ARISING FR  | KES ANY WARRAN<br>ISPECTOR NOR HI | ity, expressed ori<br>is employer shalli |
| IN                   | SPECTION<br>DATE               |  | INSPECTOR   | : hist                                   | Tifu                                  | nij  | COMMISSION                              | IS: 16 932   | 4/13 7742<br>PROVINCE NOTICE      | N/SR I                                   |
| <u>-</u>             |                                |  |   |  |                                       |  |   | TOTALL OIL 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 4 ON THIS DATA REPORT IS INCLUDED ON EACH SHEET, AND (3) EACH SHEET IS NUMBERED AND THE NUMBER OF SHEETS IS RECORDED AT THE TOP OF THIS FORM.

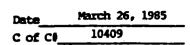
## FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

|  | al Plaza. Chicago IL. (  | e)<br>50690 (Address)  |   |   | Date:5-1   |  | _                                      |
|--|--|--|---|---|--|--|--|
| Plant: Dresden Nuc 6500 North D  | lear Power Station   | (Name)   |   |   |  | Sheet: _1_ Of  |  |
|  |  |  | ss)   |   |  | Unit: 2  | _                                      |
| 3. Work Performed By: <u>Same as Above</u> (Name)  |  |  |   | WR 9  | <u>920051758 ()</u><br>Repair Organiz  | PLAN 2-93-028)<br>vation P.O. No., Job No.   | etc.                                   |
| Same   | as Above   | (Address)  |   |   |  |  |  |
| Identification of System:  | 0203 Main Steam  | <del></del>  |   |   |  |  |  |
| (a) Construction Code  | ASME Section III   | , 19 <u>65</u> E   | dition, _   | NO Addenda, Code C<br>NO_ Addenda, Code C   | ases NONE  | ME   |  |
|  |  |  |   | •   | ases   |  |  |
| Identification of Components   | s Repaired or Replaced   | and Replacement C  | omponen   | its   |  |  |  |
| Name of<br>Component   | Name of<br>Manufacturer  | Mfrs.<br>Serial No.  | Nat<br>Brd<br>No  | Other<br>ID   | Yr<br>Blt  | Repair,<br>Replaced or<br>Replacement  | Coo<br>Stam<br>Yes/                    |
| 1%"-8 A193 Grade B7<br>Studs   | UNKNOWN  | UNKNOWN  | N/A   | NONE  | N/A  | REPLACED   | NO                                     |
| Electromatic Relief Valve  | Dresser<br>Industries  | BK-7083  | N/A   | NONE  | N/A  | REPAIR   | NO                                     |
| 3/8 BAC 5-20-96  | •  |  | <u> </u>  |   |  | 46   |  |
| 1%"-8 A193 Grade B7<br>Studs   | UNKNOWN  | HT QT61 and 35663  | N/A   | SI #570C07 and<br>SI #801G81  | N/A  | REPLACEMENT  | NO                                     |
|  |  |  |   |   |  |  |  |
| Description of work: Replands were damaged in three of   | aced existing flange stu<br>the bolt holes and wer   | ds with new studs to<br>e repaired per CHR   | o replace<br>ON #011  | studs with damaged thread<br>9258.  | is that were fo  | und during valve rebuild.  | Theads in                              |
| Description of work: Replaced were damaged in three of Test Conducted: Hydrostat Remarks: Valve received at We certify that the statements | the bolt holes and wer tic [ ] Pneumatic [ Test Press a VT-2 examination un s made in this report a  | Property of the Repair/Replement of the Repair/Repleme | ON #011  Test 7  accement 1   | 9258.  ssure [ ] Not Applicable  remperature °F  plan in which it was installe  Compliance  | le [X] led in system.  |  | Theads in                              |
| Remarks: Valve received:  We certify that the statements Signed: Mendan  | the bolt holes and wer tic [ ] Pneumatic [ Test Press a VT-2 examination un s made in this report a  | e repaired per CHR  Nominal Oper ure psig der the Repair/Repl  Certif re correct and this R  | ON #011  Test 7  accement 1   | 9258.  ssure [ ] Not Applicable  remperature °F  plan in which it was installe  Compliance  EMENT Conforms to Sect  | le [X] led in system.  |  | Theads in                              |
| Test Conducted: Hydrostat  Remarks: Valve received:  We certify that the statements  Signed: Mendan  | the bolt holes and wer tic [ ] Pneumatic [ Test Press a VT-2 examination un  s made in this report an  | e repaired per CHR  Nominal Oper ure psig der the Repair/Repl  Certif re correct and this R  ISI COORDIN. (Title)  | ON #011 ating Pres Test 7 accement p  | 9258.  ssure [ ] Not Applicable  remperature °F  plan in which it was installe  Compliance  EMENT Conforms to Sect  | le [X] led in system.  |  | Theads in                              |
| Remarks: Valve received:  We certify that the statements: Signed: Mundan   | the bolt holes and were tic [ ] Pneumatic [ Test Press a VT-2 examination under the present a valid commission issuer team and Boiler Insuration and Boiler Insuration and Boiler Insuration and Boiler Insuration is the present and state to the present and the present and state to the present and presen | Certificate and Inspection Certificate neither the intermore, neither the repair certificate neither the intermore, neither the intermore | ON #011  Test 1  acement 1  ficate of EPLACI  ATOR  ficate of 1  Co. of Ha eedge and 1  sinspector 1  inspector | ssure [ ] Not Applicable  Femperature °F  plan in which it was installe  Compliance  EMENT Conforms to Sect  5-14 (Date)  Inspection  Boiler and Pressure Vessel reford, Connectictu having belief, this repair or replanor his employer makes an r nor his employer shall be | le [X] led in system.  tion XI of the Inspectors and inspected the icement has be- | d the State or Province of REPLACEMENT descren constructed in accorda pressed or implied, concording the state of the stat | Illinois, ibed in nice with erning the |

| 1. Owner: Commonwealth Edison Commonwealth Edi | Station (Name) 450 (Address) Onstructors (CL. 60450 (Address) CSC III 19 74 spair/Replacement 19 89  | Name) Address) Edition, S Edition, No                           | . 74 Add  | Unit.  23  1 / Replaceme  Repair Organizat   | = 1 2 = nt ion P.O.  | Plan 2- No., Job No. et   | e.<br>1,N-24              |
|--|--|---|---|--|--|---|---------------------------|
| Name of<br>Component   | Name of Manufacturer   | Mfrs.<br>Serial No.   | Nat<br>Brd<br>No  | Other<br>ID  | Yr<br>Blt  | Repair.<br>Replaced or<br>Replacement   | Code<br>Stamped<br>Yes/No |
| Snubber 2-2305-01  | Pacific<br>Scientific  | 16175   | N/A   | N/A  | 74   | Replac  | ed Yes                    |
| Snubber 2-2305-01  | Pacific  | 30264   | N/A   | PSA #3   | 85   | Replac  | ement                     |
|  | Scientific   |   |   | · · ·  |  |   | No                        |
| 7. Description of work: Replace  8. Test Conducted: Hydrostatic [ ] Pn  Test Pressure  9. Remarks:   | eumatic [ ] Nominal Ope  | snubber   | [] Not a  | Applicable j   |  |   |                           |
| We certify that the statements made in the Signed:  (Owner or Owner's Design   | (Repair or Replacement)  |   |   |  |  |   |                           |
| I, the undersigned, holding a valid comm  Illinois, employed by HA  described in this report on  | ission issued by the National MTORD STEAM Below of 1993 and state to the best Code. By signing this certinent described in this report, so or a loss of any kind arising the series of any | HARTFOR<br>at of my knowle<br>ficate neither th<br>Furthermore. | r and Pressur  D CT  dge and belie e inspector neither the inected with the | having inspected the R  (i)  of, this repair or replacem  or his employer makes an  anspector nor his employer | Repair of the sense has less than the sense has less t | r Replacements<br>been constructed<br>nty, expressed or<br>tiliable in any ma | l                         |

{

#### Kin-Tech Division





#### CERTIFICATE OF COMPLIANCE

|      | COMPONIEALIH EDISON COPPANY  Customer :   | Custorer P.O. Norber  |
|------|---|---|
|      | 1801106-05 PSA-3 Shock Arrestors<br>CE ITEM No. 502726<br>Part Number/Description             | PSCo ANC/Invoice Number   |
|      | 3   | 30264-30266   |
|      | Quantity Shipped  | Serial Merber(s)  |
| •    | above referenced order compl<br>Section III, Subsection NF.                                   | ify that the items supplied on the y with all the requirements of ASME                              |
|      | Assemblies/Parts/Materials a with Pacific Scientific "NPT N-1198 (Expires 8/4/87).            | re Manufactured/Supplied in accordance<br>"Certificate of Authorization number                      |
|      | We also certify that the mat-<br>the requirements of ASME Sec<br>Code Case(s), Code Edition a | erials and fabrication comply with tion III, Subsection "NF" utilizing and Addenda as listed below: |
|      | Code Case(S) applicable: 16   | 344-6   |
|      | Edition: 1977   | _Addenda Winter *79   |
|      | N-Stamping is not required a  | nd third puty inspection is not required.   |
|      | Documentation packages complete in shipment/by mail/special                                   | eted for this order are being sent freight to the attention of:                                     |
|      | •   | COMPROGRATION EDISON COMPANY  |
| •    |   | DRESDEY NUCLEAR POWER STATION RR #1, C/O STONEROOM  |
|      |   | MORRIS, ILLINOIS 60450  |
|      |   | ATTY: Q.A. PRINCER  |
| - 1  |   |   |
| € Ed | ward R Thomas   | <b>~</b>  |
|      | Edward R. Thomsen<br>Manager Quality Systems & Services                                       | Form #215 9/4/84  |

1346 S. State College Boulevard, Anaheim, California 92803, (714) 774-5217, TELEX 65-5421

#### DAP 11-18 REVISION 07

## FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

| 1. Owner: ComEd Company   | Name)  | 0600 (Add=occ)   |   | I   | Date:5-8                                       | 96  |                                  |
|---|--|--|---|---|--|---|----------------------------------|
| 2. Plant: Dresden Nucle   | ear Power Station  | (Name)   |   |   |  | Sheet: _1_ Of _   | 1_                               |
| 6500 North Dre  | sden Road, Morris IL   | 60450  | (Addre  | ess)  |  | Unit:2/3  | -                                |
| -   |  |  | •   |   |  | LAN 2-93-044)<br>ation P.O. No., Job No.  | etc                              |
| _SAME   | AS ABOVE   | (Addre   | ess)  |   |  |   | -;-                              |
| 4. Identification of System:  | 000 SHUTDOWN C   | OOLING   |   |   |  |   |                                  |
| 5. (a) Construction Code U<br>(b) Edition of Section XI                                     | SAS B31.1.0<br>used for Repair/Repla   | 19 <u>67</u><br>cement 19 <u>89</u>  | Edition, _<br>_Edition,   | NO Addenda, Code Cas<br>NO Addenda, Code Ca   | ses <u>NONE</u><br>ses <u>NO</u>               | NE –  |                                  |
| 6. Identification of Components   | Repaired or Replaced   | and Replacement (  | Componen  | ts .  |  |   |                                  |
| Name of<br>Component  | D) Edition of Section XI used for Repair/Replacement 19_89 Edition dentification of Components Repaired or Replaced and Replacement Component  Name of Name of Mfrs. Nate Component Manufacturer Serial No. Brd No | Nat<br>Brd<br>No   | Other<br>ID   | Yr<br>Blt   |  |   |                                  |
| 16" GATE VALVE DISC   | CRANE VALVE  | NONE   | N/A   | SI #771G95  | N/A  | REPAIR  | NO                               |
|   |  |  |   |   |  |   |                                  |
|   |  |  |   |   |  |   |                                  |
|   |  |  |   |   |  |   |                                  |
|   |  |  |   |   |  |   |                                  |
|   |  |  |   |   |  |   |                                  |
| 7. Description of work: Repaire   | ed spare 16" gate valve  | e disc by stripping  | existing s  | tellite 6 and replacing with s  | stellite 21. Sp                                | are disc returned to Store  | s as spare stock                 |
|   | Test Pressu  | re psig  | Test 7  |   | [X]  |   |                                  |
|   |  |  |   |   | ·  |   |                                  |
| ∥ · ^   | 4 0  | e correct and this I   | REPAIR  | Conforms to Section XI of the   |  | de.   |                                  |
|   |  | Cort   | ificate of  | Inspection  |  |   |                                  |
| of the ASME Code. By signing replacement described in this redamage or a loss of any kind a | am and Boiler Insurant<br>I state to the best of many this certificate neith<br>report. Furthermore, the trising from or connection  | d by the National ce and Inspection by knowledge and ler the inspector no neither the inspector duty this inspector with this inspector. | Board of I<br>Co. of Ha<br>belief, this<br>or his emp<br>or nor his | Boiler and Pressure Vessel I<br>rtford, Connectictu having is<br>repair or replacement has b<br>loyer makes any warranty, e | nspected the<br>been construct<br>expressed or | REPAIR described in thit<br>ted in accordance with Se<br>implied, concerning the re | s report<br>ction XI<br>epair or |
| Date: 5 - 13-46 Inspe   | ector: FM  | / fune   | 7   | Commissions:IL  | 932. NB774.<br>(State or Pro                   | NISB<br>ovince, National Board)   | — <b> </b>                       |

## DAP 11-18 REVISION 07

### FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

| <del></del> -                               |  |  |   |   | <del></del>   |   |   |                                      |
|---|--|--|---|---|---|---|---|--------------------------------------|
| 1. Owner                                    | : ComEd Company  | (Name<br>nal Plaza, Chicago IL,  | e)<br>KNKON (Address  | ١   | · Da  | ate:5-2                                 | 9-96  |                                      |
| 3 Diane.                                    |  |  |   |   |   |   | Sheet: 1 Of   | _1_                                  |
| 2. Plant:                                   | 6500 North D   | clear Power Station<br>resden Road, Morris I                               | (Name)<br><u>L., 60450</u> (Addr  | ess)                                      |   |   | Unit:2  | _                                    |
| 3. Work l                                   | Performed By: <u>Bech</u>  | ntel Constructors  | (Name)  |   |   |   | PLAN 2-93-054)  |                                      |
|   |  | ersberg, MD 20877  |   |   |   |   | zation P.O. No., Job No   | . etc.                               |
| Identifi                                    |  | 2300 HPCI  |   |   |   |   |   |                                      |
|   |  |  |   | T-distan                                  | NO Addondo Codo Cod   | - NON                                   | **  |                                      |
| . (a)<br>(b)                                | Edition of Section X   | I used for Repair/Rep  | lacement 19 89  | _ Edition,                                | NO Addenda, Code Cas<br>n, NO Addenda, Code Ca  | ses <u>non</u>                          | ONE   |                                      |
| . Identifi                                  | cation of Component  | s Repaired or Replaced   | i and Replacement   | Compon                                    | ents  |   |   |                                      |
|   | Name of<br>Component   | Name of<br>Manufacturer  | Mfrs.<br>Serial No.   | Nat<br>Brd                                | Other<br>ID   | Yr<br>Blt                               | Repair,<br>Replaced or  | Code<br>Stampe                       |
|   |  | Mailliactures  | Schai 140.  | No  | υ υ υ υ υ υ υ υ υ υ υ υ υ υ υ υ υ υ υ   | Dit                                     | Replaced of Replacement   | Yes/No                               |
| 3" X 3<br>STEEL                             | " X ¼" TUBE  | UNKNOWN  | UNKNOWN   | N/A                                       | SUPPORT M-1151D-63  | N/A                                     | REPLACED  | NO                                   |
| 1/2" X 4                                    | " X 4" PLATE   | UNKNOWN  | UNKNOWN   | N/A                                       | SUPPORT M-1151D-63  | N/A                                     | REPLACED  | NO                                   |
|   |  |  |   |   |   |   |   |                                      |
| 3" X 3'<br>STEEL                            | " X ¼ " TUBE   | UNKNOWN  | UNKNOWN   | N/A                                       | SI #772H10  | N/A                                     | REPLACEMENT   | NO                                   |
| 1/2" X 4                                    | " X 4" PLATE   | UNKNOWN  | UNKNOWN   | N/A                                       | SI #779B98  | N/A                                     | REPLACEMENT   | NO                                   |
| ith this s                                  | upport was replaced  | per Repair/Replacemer tic [ ] Pneumatic [                                  | nt Plan 2-95-099.  Nominal Ope  | rating Pro                                | essure [] Not Applicable [ Temperature °F   |   | ON #0115561. Four inc   | h pipe assoc                         |
| Remark                                      | s: Piping was repla  | aced per Repair/Replac   | <del></del>   |   |   | <u>.</u> .                              |   |                                      |
|   |  |  |   |   |   |   |   |                                      |
|   | · /  | 4  | re correct and this   | REPLAC                                    | Compliance CEMENT Conforms to Section  5-29 19 96  (Date)   | _                                       | e ASME Code.  |                                      |
|   |  |  |   |   |   |   |   |                                      |
|   |  |  | Cert  | ificate of                                | Inspection  | •                                       |   |                                      |
| employe<br>this repe<br>Section<br>repair o | ed by The Hartford S ort on XI of the ASME Coo r replacement describ | team and Boiler Insura<br>, 19 6 and state to t<br>de. By signing this cer | nce and Inspection<br>he best of my know<br>tificate neither the<br>thermore, neither the | Co. of I wledge as inspector in inspector | f Boiler and Pressure Vessel I<br>Hartford, Connectictu having<br>and belief, this repair or replace<br>to nor his employer makes any<br>tor nor his employer shall be<br>ection. | inspected the<br>ement has<br>warranty, | he REPLACEMENT de<br>been constructed in acco<br>expressed or implied, co | scribed in rdance with incerning the |
| Date:                                       | 7-1-96 Ins   | spector: RIT   | +T loin   | Ŋ   | Commissions:1   | L932. NB7                               | 742NISB   |                                      |
|   |  | - F-CVI  | 1, 1000   | 1   | (   | State or Pr                             | ovince, National Board)   |                                      |

| 1. Owner: Commonwealth Edison Comp. One First National Plaza, Chic  |  |  |                     |                                     |                                   |                   | -6-94<br>or 1                                     |                           |
|---|--|--|---------------------|-------------------------------------|-----------------------------------|-------------------|---|---------------------------|
| 2. Plant: Dresden Nuclear Power S<br>R.R. #1, Morris IL., 604   |  |  |                     |                                     |                                   | 1                 | <del></del>                                       |                           |
| 3. Work Performed By: DRESDEN   |  | Vame)  |                     |                                     | D170                              |                   | <del>,                                     </del> |                           |
|   | ESDEN RD. MONRIS, L.                                     |  |                     | R W Rep                             | air Organizatio                   | on P.O.           | No., Job No. etc                                  | •                         |
| 4. Identification of System: 02036  | 6045   |  |                     |                                     |                                   | -, (              |   |                           |
| 5. (a) Construction Code USAS   | B31.1-0 1967   | Edition, N                                       | A .                 | Addenda, Code                       | Cascs <u>البا</u> لا              | <u> ال</u> ان الم | N   |                           |
| (b) Edition of Section XI used for R  | epair/Replacement 19 <u>89</u>                           | Edition, +9                                      | grung!              | Addenda, Code                       | Cases UNI                         | KNOW              | N   |                           |
| 6. Identification of Components Repaired o  |  |  |                     |                                     | •                                 |                   |   | <del></del>               |
|   | <del></del>  | <del>                                     </del> | 7                   | <del></del>                         |                                   | T                 | <del></del>                                       |                           |
| Name of<br>Component  | Name of Manufacturer                                     | Mfrs.<br>Serial No.                              | Nat<br>Brd<br>No    | Other<br>ID                         |                                   | Yr<br>Bit         | Repair,<br>Replaced or<br>Replacement             | Code<br>Stamped<br>Yes/No |
| FEEDWATER (K VLV.   | CRANE  | Unicount   | NA                  | 02036                               | SPARE                             | 65                | REPAIR  | No                        |
|   |  |  | ļ                   |                                     | _ <del></del>                     |                   |   |                           |
|   | <del> </del>   |  |                     |                                     | <del></del>                       | -                 |   |                           |
|   |  |  |                     |                                     |                                   |                   |   |                           |
|   | <del> </del>   |  | -                   |                                     |                                   |                   |   | <del></del>               |
| 7. Description of work: REBUILD TO THE KEE  | VALVE MACHIV<br>PEBLOZICS.                               | UED /GROW  | 1400                | SEAT E                              | Disc,                             | INST              | TALLED NOW  | Busmings                  |
| 8. Test Conducted: Hydrostatic [ ] Pr   | neumatic [ ] Nominal Ope                                 | erating Pressure                                 | [] 1                | Not Applicable                      | X OTHE                            | P_ (              | X <sub>2</sub>                                    |                           |
| Test Pressure   | psig Test Temper   | ature _ ~/p                                      | _ <b>^</b> F        | •                                   |                                   |                   |   |                           |
| 9. Remarks: PETEORONED B  | INSPECTIONS  | LLRT.  | . L.                | 2410 PE                             | NETRANT                           | <u> </u>          | NE PECTION  | ۷                         |
| AND VISUAL WITTO  | INS PECTIONS   | Perform  | (GO                 | · Au Te                             | STS AC                            | COPT              | TABLE   |                           |
| _   |  |  |                     |                                     |                                   |                   |   |                           |
| We certify that the statements made in the Signed: Brendan J. C   | is report are correct and this                           | (Pennis or                                       | <u>e_</u>           | ement)                              | _                                 | I of the          | e ASME Code.                                      |                           |
| (Owner or Owner's Desig   | gnee) (Title   | <b>:</b> )                                       | (Dat                | e)                                  |                                   |                   |   |                           |
|   |  |  |                     |                                     |                                   |                   |   |                           |
|   | Сел  | rtificate of Insp                                | ection              |                                     |                                   |                   |   |                           |
| I, the undersigned, holding a valid comm  |  | Board of Boile                                   |                     |                                     | spectors and the                  |                   |   |                           |
| described in this report on 6-16 4  | <u> </u>   |  |                     |                                     |                                   | Repair            | or Replacement)                                   | -<br> -                   |
| accordance with Section XI of the ASME implied, concerning the repair or replace for any personal injury or property dama | Code. By signing this certiment described in this report | ficate neither the Furthermore,                  | e inspec<br>neither | tor nor his emp<br>the inspector no | loyer makes an<br>or his employer | y warra           | anty, expressed or                                | r                         |
| Date: 6-16-94 Inspector:  | 4  |  |                     |                                     |                                   | N131              | 3.1493  | 2                         |
| nispector.  | +  | <del>/</del>                                     |                     |                                     | (State or Provi                   |                   |   | ∦                         |

#### FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

| 1. Owner:  | : Commonwealth Edison C  |   |   |   |  |  |  |                 |
|------------|--|---|---|---|--|--|--|-----------------|
|            | One First National Plaza,  |   | a.  |   | Dat  | e: <u>11/1</u>                                 | 1/94   | -               |
|            |  | <b></b> _   | )   |   | She  | et: <u>1</u>                                   | Of <u>1</u>  |                 |
| 2. Plant:  | Dresden Nuclear Por<br>R.R. #1, Morris IL.   |   |   |   | Uni  | t: <u>2/3</u>                                  | <del></del>  |                 |
| . Work I   | Performed By:SAl   | ME AS ABOVE   | (Name)  |   | D170   | <del></del>                                    | (2-93-   |                 |
|            | SAM  | E AS ABOVE  | (Address)   |   | Repair Organiza  | tion P.O.                                      | No., Job No. et  |                 |
| Identifi   | cation of System: 200  |   | _ `   |   |  |  |  |                 |
|            | Construction Code <u>USAS</u>  | B31.1.0   |   |   | enda, Code Cases   | None   |  |                 |
| . (a)      |  |   | / / .   |   |  | None   |  |                 |
| (b) Edit   | ion of Section XI used for Re  | epair/Replacement 19 <u>89</u> E  | dition, NA  | Add   | enda, Code Cases   | NOTIO  |  |                 |
| . Identifi | cation of Components Repair  | red or Replaced and Replacemen  | t Components  | <del></del>   |  | -  | i  |                 |
|            | Name of Component  | Name of Manufacturer  | Mfrs.<br>Serial No.   | Nat<br>Brd  | Other<br>ID  | Yr<br>Blt                                      | Repair,<br>Replaced or   | Code<br>Stamped |
|            |  |   | Gerial 110.   | No  |  |  | Replacement  | Yes/No          |
| MAIN       | DISC ASSEMBLY  | CRANE/ALOYCO  | Unknown   | na  | 2-203-1C (SPARE)   | na   | Repair<br>septred  | no              |
|            |  |   |   |   |  |  | B92 1-4-95   |                 |
|            | · · · · · · · · · · · · · · · · · · ·  |   |   |   |  |  |  |                 |
|            |  |   |   |   |  |  |  |                 |
|            |  |   |   |   |  |  |  |                 |
|            |  |   |   |   |  |  |  |                 |
| Test Co    | onducted: Hydrostatic [ ]  Test Pressure   |   | erating Pressure  | []]<br>_°F  | Not Applicable N   | skim   | cut on m   | ain             |
| CATAC 2    | eating area. Hu  | repaire areas chai  | ninea Wi  | <u> </u>  | que penerrani an   | a aic  | accept con   |                 |
|            |  |   |   |   |  |  |  |                 |
|            |  |   |   |   |  |  |  |                 |
| We cert    | ify that the statements made   | Cert  | tificate of Comp  | liance  | Conforms to Section  | n XI of t                                      | he ASME Code.  |                 |
|            | R. 10  | in this report are correct and this   | Repair or I   |   | nent)  | n XI of t                                      | he ASME Code.  |                 |
| We cert    | R. 10  | in this report are correct and this   | Repair or least of dinator  | Replacer  | nent)<br><b>4</b> , 19 <b>95</b>   | n XI of t                                      | he ASME Code.  |                 |
|            | Brendan J. C.  | in this report are correct and this   | Repair or least of dinator  | Replacer  | nent)<br><b>4</b> , 19 <b>95</b>   | n XI of t                                      | he ASME Code.  |                 |
|            | Brendan J. C.  | in this report are correct and this  (Supple   ISI Coo  (Title  | Repair<br>(Repair or l<br>or din 2 tor<br>e)  | Replacer<br>/-<br>(Date   | nent)<br><b>4</b> , 19 <b>95</b>   | n XI of t                                      | he ASME Code.  |                 |
| Signed :   | : Bundan J. C.<br>(Owner or Owner's D  | in this report are correct and this  (Supples)  ISI (Coo)  (Title   | (Repair or log din 2 tor  | Replacer<br>/-<br>(Date   | nent)<br><b>4</b> , 19 <b>95</b><br>e)   |  | <del></del>  |                 |
| Signed :   | (Owner or Owner's D  | in this report are correct and this  (Supple   ISI Coo  (Title  | (Repair or log din 2 tor le)  tificate of Inspe   | Replacer<br>(Date   | nent) 4 , 19 95 e) essure Vessel Inspectors an   | d the State                                    | te or Province of  |                 |
| I, the ur  | (Owner or Owner's December of Owner's December | in this report are correct and this  SUS ISI Coo  Designee) (Title  Cer  commission issued by the Nationa | (Repair or long din 2 for | (Date of the control | ressure Vessel Inspectors an having inspected the belief, this repair or replactor nor his employer makes the inspector nor his employer for his employer makes the inspector nor his employer makes the inspector nor his employer has been been sent to the inspector nor his employer makes the inspector nor his employer nor his employer makes the inspector nor his employer makes the | d the State Repair (Repair cement has any warn | te or Province of <b>Aif</b> or Replacement) as been constructeranty, expressed of | r               |

## FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

| 1. Owner: Commonwealth Edison Co  |   |                                  |                     | Dat  | te: <u>11/1</u> | 1/94  |                 |
|---|---|----------------------------------|---------------------|--|-----------------|---|-----------------|
| One First National Plaza, C   |   | )                                |                     | She  | et: <u>1</u>    | Of <u>1</u>                                   |                 |
| 2. Plant: Dresden Nuclear Power R.R. #1, Morris IL.,  |   |                                  |                     | Uni  | it: <u>2/3</u>  |   |                 |
| 3. Work Performed By: SAM   | E AS ABOVE  | (Name)                           |                     | D170   |                 | (2-93-0                                       |                 |
| SAME  | AS ABOVE  | (Address)                        |                     | Repair Organiza  | ation P.O       | . No., Job No. et                             |                 |
| 4. Identification of System: 200  | <del></del> -   |                                  |                     |  |                 |   |                 |
|   | 31.1.0 •, 19.67 Ed  | lition N/A                       | Add                 | enda Code Cases  | None            |   |                 |
| (b) Edition of Section XI used for Rep  | rais/Penlacement 10 90 F  | dition N/A                       | Add                 | enda, Code Casas                                       | None            | ,   |                 |
|   |   |                                  | Aud                 | enua, code cases                                       | 7,07,0          | <u> </u>                                      |                 |
| 6. Identification of Components Repaired  |   | <u> </u>                         | T                   |  | <u></u>         | <del>_</del>                                  | <u> </u>        |
| Name of Component   | Name of Manufacturer  | Mfrs.<br>Serial No.              | Nat<br>Brd          | Other<br>ID  | Yr<br>Blt       | Repair, Replaced or                           | Code<br>Stamped |
|   |   |                                  | No                  |  |                 | Replacement                                   | Yes/No          |
| MAIN DISC ASSEMBLY  | CRANE/ALOYCO  | Unknown                          | na                  | 2-203-1D (SPARE)                                       | na              | Repair<br>repired-                            | no              |
|   |   |                                  | -                   |  | _               | BAC1-4-95                                     |                 |
|   |   | <del></del>                      | <u> </u>            |  |                 | <del>}</del>                                  | <u> </u>        |
|   |   | <br>                             | <u> </u>            |  | -               | <u> </u>                                      | [<br>           |
|   |   |                                  |                     |  | -               | <del>  -</del>                                | <u> </u>        |
|   |   | <u>[</u>                         |                     |  |                 | <u></u>                                       | <u>[</u>        |
| 7. Description of work: <u>REPAIRED MACHINED</u> , A WELD BUILD UP PE   |   |                                  |                     |  | AIN DISC        | SEATING SUR                                   | FACE WAS        |
| Test Conducted: Hydrostatic [ ]  Test Pressure  | VA psig Test Temper   | rature N/A                       | °F                  |  | rc Ms           | ilV disc. A                                   | <u>U</u>        |
| We certify that the statements made in Signed: Signed: Owner or Owner's De  | this report are correct and this  | (Repair or                       |                     | <b>4</b> , 19 <u>_</u> <b>95</b>                       | on XI of t      | the ASME Code.                                |                 |
|   | Cer   | tificate of Insp                 | ection              |  |                 | =   |                 |
| I, the undersigned, holding a valid con   | mmission issued by the Nationa  | l Board of Boile                 | er and Pi           | ressure Vessel Inspectors as<br>L having inspected the |                 | nte or Province of<br>Pair<br>or Replacement) | ·<br>           |
| described in this report on /-//-accordance with Section XI of the ASI implied, concerning the repair or replany personal injury or property damage | ME Code. By signing this cert according to the cert is come to the cert is come to the cert is considered in this report is considered. | ificate neither the Furthermore, | e inspec<br>neither | the inspector nor his emplo                            | cement h        | as been constructerranty, expressed           | or              |
|   |   |                                  |                     |  |                 |   |                 |

| 1. Owner: Commonwealth Edison Comp   |                                  |                             |            | Dat                          | te:           | 7-7-93                 | •                 |  |  |
|--|----------------------------------|-----------------------------|------------|------------------------------|---------------|------------------------|-------------------|--|--|
| One First National Plaza, Chic   |                                  | )                           |            | She                          | Sheet: 1 Of 1 |                        |                   |  |  |
| 2. Plant: Dresden Nuclear Power S<br>R.R. #1, Morris IL., 604                      | Station (Name)<br>  50 (Address) |                             |            | Uni                          | it: <u>2</u>  |                        |                   |  |  |
| 3. Work Performed By:  | (                                | Name)                       |            | MAK TO TO MY                 | 5- K          | 4年11-0                 | 13-9B             |  |  |
|  | · · ·                            | (Address)                   |            |                              |               | . No., Job No. et      |                   |  |  |
| 4. Identification of System: 1500  | LPCI                             |                             |            |                              |               |                        |                   |  |  |
| 5. (a) Construction Code   |                                  | 7 Edition NA                | Δ          | —<br>ddenda Code Cases - N   | 14            |                        |                   |  |  |
|  |                                  |                             |            |                              |               |                        |                   |  |  |
| (b) Edition of Section XI used for Ro  6. Identification of Components Repaired or |                                  |                             |            |                              | <u> </u>      |                        |                   |  |  |
|  |                                  | ·                           | · · ·      |                              | <del></del>   |                        |                   |  |  |
| Name of Component  | Name of Manufacturer             | Mfrs.<br>Serial No.         | Nat<br>Brd | Other<br>ID                  | Yr<br>Blt     | Repair,<br>Replaced or | Code              |  |  |
| Component  |                                  |                             | No         |                              |               | Replacement            | Stamped<br>Yes/No |  |  |
| ALPCI PP. DISC. CHECK  | C/S VLV. CO                      |                             | NONE       |                              |               | REPLACED               | NO                |  |  |
| VLU.   |                                  | <u> </u>                    |            |                              |               |                        |                   |  |  |
|  |                                  |                             |            |                              |               |                        |                   |  |  |
|  |                                  |                             |            |                              |               |                        |                   |  |  |
| ALPCI PP. DISC. CHECK  | 6/5 VLV.CO                       | 93-2206-01                  | NONE       |                              |               | Replacement            | No                |  |  |
| VLV.   |                                  | (12)-01                     |            |                              |               |                        |                   |  |  |
| 7. Description of work: REMOUE   | EXISTING CHE                     | CK VLV.                     | 7 REI      | PLACE WITH N                 | EN            |                        |                   |  |  |
|  |                                  |                             |            |                              |               |                        |                   |  |  |
| 8. Test Conducted: Hydrostatic [ ] Pne   | sumatic [ ] Nominal Ope          | erating Pressure            | א אוי      | ot Applicable [ ]            |               |                        |                   |  |  |
| Test Pressure 150  | paig Test Temper                 | reture NoM                  | <b>'</b> F |                              |               |                        |                   |  |  |
| 9. Remarks: Bos 1300-01  | VT-2 PERFOR                      | LIED IN                     | CONTR      | TOCHO!                       |               | ·<br>•. •—•            |                   |  |  |
| Whith whimpe   | OPERATION TEST                   |                             |            |                              |               |                        |                   |  |  |
|  |                                  |                             |            |                              |               |                        |                   |  |  |
|  |                                  |                             |            | <del></del>                  |               |                        |                   |  |  |
| We certify that the statements prade in thi  |                                  | tificate of Com<br>Lapkweim | en T       | Conforms to Section          | XI of th      | B ASME Code            |                   |  |  |
| Signed: SEU/4 town   | )                                | (Repair o                   | r Replacen | nent)<br>2-9 , 19 <u>9 3</u> |               |                        | 1                 |  |  |
| (Owner or Owner's Design   | Dee) (Title                      | e) -                        | (Date)     |                              |               |                        |                   |  |  |
|  |                                  |                             |            |                              |               |                        |                   |  |  |
|  | Ce                               | rtificate of Inst           | ection     |                              |               |                        |                   |  |  |
| I, the undersigned, holding a valid commi  |                                  | •                           |            | sture Versei Inspectors and  | I sha State   | or Province of         |                   |  |  |
| LL   N ロ   |                                  |                             |            |                              | REPLAC        | ement                  | .                 |  |  |
| described in this report on 9 / 30   |                                  |                             |            |                              | ment has      |                        |                   |  |  |
| accordance with Section XI of the ASME implied, concerning the repair or replaces  |                                  |                             |            |                              |               |                        |                   |  |  |
| for any personal injury or property damag  | e or a loss of any kind arisi    | ing from or con             |            |                              |               | •                      |                   |  |  |
| Date: 9/30 / 93 Inspector: X   | I Ilong                          | ,                           | Comm       | issions: ,4/6/7              |               |                        |                   |  |  |
|  |                                  |                             |            | (State or Dec                | vince N.      | monel Hoard)           | - 11              |  |  |

## FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

| i.           | OWNER: COMMONW        | EALTH EDISON COMPAN               | ĮY           |           |                   |               | DATE: 07-29-93  |                                 |              |
|--------------|-----------------------|-----------------------------------|--------------|-----------|-------------------|---------------|---|---------------------------------|--------------|
|              |                       |                                   | (NAME)       |           |                   |               |   |                                 |              |
|              | R.R. #1               | , MORRIS, IL. 60450               |              |           |                   |               | SHEET: 1 OF _   | 1                               |              |
| _            |                       |                                   | (DDRESS)     |           |                   |               |   |                                 |              |
| 2.           | PLANT: <u>DRESDEN</u> | NUCLEAR POWER STAT                | TION         |           | U                 | IT: <u>2</u>  |   | ·                               |              |
|              |                       | (NAME)                            |              |           |                   |               |   | ·                               |              |
|              |                       | SAME AS ABOVE                     |              |           |                   | ب اب          | نصر سد برید   | <u>-</u>                        |              |
|              |                       | (ADDRESS)                         |              |           |                   | PIPP          | 14501   | フ                               |              |
| 3.           | WORK PERFORMED BY:    |                                   | <u> </u>     |           |                   | CECO          | # 2 93 99 ° ZATION P.O. NO. ,                                       | D20319                          |              |
|              |                       |                                   | IAME)        |           | RE                | PAIR ORGANI   | ZATION P.O. NO.,  | JOB NO. ETC.                    |              |
|              |                       | SAME AS ABOVE                     |              |           |                   |               |   |                                 |              |
|              |                       | (ADI                              | (RESS)       |           |                   |               |   |                                 |              |
| 4.           | IDENTIFICATION OF     | SYSTEM: <u>23<b>00</b> HPCI 1</u> | URBINE EXHU  | ST RUPTUI | RE DISC 2-        |               |   |                                 |              |
| 5.           | (a) APPLICABLE CON    | NSTRUCTION CODE                   | B31.1 196    | 7 EI      | OITION,           | N/A AD        | DENDA, CODE CASES   | N/A                             |              |
|              | (b) APPLICABLE ED     | ITION OF SECTION XI               | UTILIZED F   | OR REPAIR | rs or repla       | icements - 🗗  | <del>977 - , <u>579 ·                                    </u></del> | _ ADDENDA, CODE CASES <u>N/</u> | <u>'A</u>    |
| 6.           | IDENTIFICATION OF (   | COMPONENTS REPAIRED               | OR REPLACE   | D, AND RE | PLACEMENT         | COMPONENTS    | 1989 614  |                                 |              |
|              |                       |                                   |              |           |                   |               | ens 3/8/4   |                                 |              |
| N            | AME OF I NAME OF      | MFRS. SER. 1                      | NAT'L. I     | CRN I     | OTHER             | i year        | I REPAIRED,   | I ASME CODE                     |              |
| CO           | MPONENT I MFR.        | ! NO. !                           | BD. I        | NO.       | IDENTI-           | I BUILT       | I REPLACED,   | I STAMPED                       |              |
|              | 1                     | } [                               | NO. I        | 1         | FICATION          |               | ı or .  | I (YES OR NO)                   |              |
|              | 1                     | j                                 | !            | 1         |                   | 1             | I REPLACEMENT   | 1                               |              |
| RUPT         | JRE DISCIB, S&B SAFE  | ry I N/A I                        | N/A 1        | N/A I     | 2-2301-68         | I N/A         | I REPLACED  | I N/A                           |              |
|              | 1                     |                                   |              |           | 2-2301-69         |               | 1   | 1                               |              |
| RUPT         | JRE DISCIBLACK, SIVAL | LSI                               |              |           |                   | 1             | <br>  | 1                               |              |
|              | 1& BRYSON SA          | RETY N/A I                        | N/A I        | N/A I     | 2-2301-68         | I N/A         | I REPLACEMENT   | I N/A                           |              |
|              | ı                     | 1 1                               | 1            | Ī         | 2-2301-69         | 1             | 1   | 1                               |              |
|              | 1                     | 1 1                               | 1            |           |                   |               | 1   | 1                               |              |
|              |                       |                                   |              |           |                   |               |   |                                 |              |
| 7.           | DESCRIPTION OF WORK   | REPLACE RUPTURE                   | DISCS        |           |                   |               |   |                                 |              |
| 8.           | TESTS CONDUCTED:      | HYDROSTATIC [                     | ] PNEUM      | ATIC []   | NOMIN             | AL OPERATIN   | G PRESSURE [X]  | OTHER [ ]                       |              |
|              |                       | PRESSURE: 34 37                   | PSI.         | TEST T    | EMP. 250          | DEG. F        | 1 / 2 4   |                                 |              |
| 9.           | REMARKS: DOS 2300-0   | 13                                | D # 64-94    |           | Tre,              | 3-3-44        | C 15454A  |                                 |              |
|              | VT-2+                 | epaped in con                     | RINCTION     | WITH      | 1705 23           | 003           |   |                                 | _            |
|              |                       |                                   |              |           |                   |               |   |                                 |              |
| ~~~~         | *******               | *******                           | ~~~~~~~~~    | ****      | ****              | ~~~~~~~~~~~   | **********  | <b>******************</b>       | ***          |
|              |                       |                                   | / CE         | RTIFICATE | OF COMPLI         | ance          |   |                                 |              |
| WE C         | ERTIFY THAT THE STAT  | EMENTS/MADE IN THI                | S REPORT ARE | E CORRECT | AND THIS          | REPLA         | CEMENT CON  | FORMS TO SECTION XI OF THE      |              |
| ASME         | CODE.                 |                                   |              | ,         |                   | (REPAIR OR    | REPLACEMENT)  |                                 |              |
|              | 140                   | . L.(                             | _            | b/. ~     | - C ~             |               | _   |                                 |              |
| SIGN         | D:                    | for + / /m                        | ) /          | /AW       | 74/               |               | 3-4   | 19 <b>93</b>                    |              |
|              | (OWNEX OR OWNER       | 'S DESIGNEE)                      |              | TITLE     |                   |               | (DATE)  |                                 |              |
| 1~~~         |                       | przedminanian                     | ~~~~~~~~     |           | <b>~~~~~~</b>     | ~~~~~~~       | <b>Ს</b> Ა <b>ᡧ</b> ᡐᡐᡐᡐᡐᡐᡐᡐ  | <b>֎֍֎֍֍֍֍֍֍֍֍֍֍֍֍֍֍֍֍֍֍֍֍</b>  | <b>~~~</b> ~ |
| !            | ·                     | //                                | Į.           | CERTIFICA | TE OF INSP        | ECTION        |   |                                 |              |
| 1            | ř                     | V                                 | ·            |           | =: =-: <b>=</b> ' | •             |   |                                 | İ            |
| 11.          | THE UNDERSIGNED. HO   | LDING A VALID COMM                | ISSION ISSUE | D BY THE  | NATIONAL          | BOARD OF BO   | ILER AND PRESSURE   | VESSEL INSPECTORS AND THE       |              |
|              | TE OR PROVINCE OF     |                                   |              |           | D BY HSB          |               |   | 0F                              |              |
|              | ARTFORD, CT.          |                                   |              |           | secret si         |               | SCRIBED IN THIS RE  | PORT ON 3-21 . 199              | 94           |
| <u>.</u><br> |                       |                                   |              |           | R REPLACEM        |               |   | ·                               |              |
| Ani          | STATE THAT TO THE     | BEST OF MY KNOWLED                |              |           |                   |               | HAS BEEN CONSTRUC   | TED IN ACCORDANCE WITH          |              |
|              |                       |                                   |              |           |                   |               |   | KES ANY WARRANTY, EXPRESSE      | יאם <b>ס</b> |
|              |                       |                                   |              |           |                   |               |   | SPECTOR NOR HIS EMPLOYER SI     |              |
|              |                       |                                   |              |           |                   |               |   | OM OR CONNECTED WITH THIS       |              |
|              | SPECTION.             |                                   | A A          | 1//       | 0                 | . EEGO GI FII | Him initiality I W  |                                 | ,            |
| ) 11%<br>!   | DATE: 3-21-4          | 14 INSPECTOR:                     | K.Mi         | T/1       | 1.0463            | COMMISSION    | 15: 16932   | N16 1742                        | ,            |
| 1            | mile. July            | 1 1101 101 1011                   |              | [         |                   | 35200101      |   | ROVINCE. NATIONAL BOARD)        | <del>'</del> |
|              |                       |                                   |              |           |                   |               | NOTITE OILE   |                                 |              |

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 4 ON THIS DATA PEPORT IS INCLUDED ON EACH SHEET. AND (3) EACH SHEET IS NUMBERED

AND THE MUMBER OF SHEETS IS RECORDED AT THE TOP OF THIS FORM.

| 2. Plant: Dresden Nuclear Pow R.R. #1, Morris IL., 3. Work Performed By: Dizes Di R.C. Matter | Chicago II., 60690 (Address)  Ver Station (Name) 60450 (Address)  EN N.P. STATION (Address)  O ZOO (1967)  O Repair/Replacement 1969 | Name) Address) _ Edition,  | •   | Sheet: Unit:  UR D 145  Repair Organization  Addenda, Code Cases  | Spa<br>90<br>on P.O.                             | Of  | <u>9-09</u> 0             |
|--|--|--|---|---|--|---|---------------------------|
| Name of<br>Component   | Name of Manufacturer   | Mfra.<br>Serial No.  | Nat<br>Brd<br>No  | Other<br>ID   | Yr<br>Blt  | Repair.<br>Replaced or<br>Replacement   | Code<br>Stamped<br>Yes/No |
| Disc   | ב בדיינווועשים   | hvo.   | plk   | SI. 570850  |  | RERACED   | ~0                        |
| Disc   | CONSONDATED  | · 144  |   | 5,1505678   |  | REPLACEMENT   | رام                       |
| PISTON RING  | Consul DATED   | M  |   | 3,,   |  | REPLACED  | NO.                       |
| PISTENZING   | CONSULIDATED   | M  |   | S.1. 506 C 37   |  | REPLACEMENT   | Wo                        |
| 7. Description of work: REPLACE  SFR B X 00 245  8. Test Conducted: Hydrostatic []  Test Pressure 5  9. Remarks: FS DER DM   | Pneumatic [K] Nominal Ope  | erating Pressure   | ( ) !   | Not Applicable []   | cre  | AMATIL UI   | 4205                      |
| We certify that the statements made in Signed:   | Cer<br>in this report are correct and this<br>Designee) (Titl  | tificate of Com  | Replace<br>(Dat   | Conforms to Section ) ement) //// 19 57   | (I of th   | ne ASME Code  |                           |
| described in this report on ///22<br>accordance with Section XI of the A<br>implied, concerning the repair or rep<br>for any personal injury or property of  | ommission issued by the Nations #.5.8.1. † 7. co of of   | est of my knowle<br>trificate neither th<br>rt. Furthermore,<br>sing from or con | or and Pro-<br>condition of the inspec-<br>neither meeted v | having inspected the // belief, this repair or replacer<br>for nor his employer makes a<br>the inspector nor his employe<br>with this inspection. | REPR<br>(Repair<br>ment ha<br>ny war<br>er shall | r or Replacements as been constructed tranty, expressed of the liable in any or | · [                       |
| Date: 11 / 22 / 23 Inspector:  | Low Hordono  | <del></del>  | Con   | nmissions: 12/6/7 (State or Prov  | ince. N  | Vational Boards   | -                         |

| Owner: Commonwealth Edison     One First National Plaza  | Company (Name) a, Chicago IL, 60690 (Address)  |  |  |   |                               | 14,43  |                           |
|--|--|--|--|---|-------------------------------|--|---------------------------|
| 2. Plant: <u>Dresden Nuclear P</u>   | ower Station (Name)  |  |  |   |                               | or <u>.                                    </u>              |                           |
| R.R. #1, Morris II   | <del></del>  |  |  |   |                               |  | <b>.</b>                  |
| 3. Work Performed By: DiZes  |  |  |  | Repair Organization   | n P.O.                        | No. Job No. etc  | 13-017                    |
| . RETI   | Maries 1. 60450 (  | Address)   | •  | Kepan Olbanian  |                               |  |                           |
| 4. Identification of System:   | 0 200  |  |  |   |                               |  | , ,                       |
| 5. (a) Construction Code 631   | 1.0 19 <u>67</u>   | Edition,   | <u>la-</u> ,                                       | Addenda, Code Cases   | a                             |  |                           |
| (b) Edition of Section XI used   | i for Repair/Replacement 19 <u>89</u>  | _ Edition, 1   | ula ,  | Addenda, Code Cases ~   | 4                             |  |                           |
| 6. Identification of Components Rep  |  |  |  |   |                               |  |                           |
| Name of<br>Component   | Name of Manufacturer   | Mfrs.<br>Serial No.  | Nat<br>Brd<br>No                                   | Other<br>ID   | Yr<br>Blt                     | Repair,<br>Replaced or<br>Replacement                        | Code<br>Stamped<br>Yes/No |
| Disc   | ל באצינונולה דב D  | 1/0  | HIR  | SI. 570 B 50  |                               | REPLACED   | NC                        |
| Disc   | CONSONDATED  | MA   | WA   | 5,1505678   |                               | REPLACEMENT  | <b>N</b> U                |
| PISTON RING  | CONSUL DATED   | 100  | »la  |   |                               | REPLACED   | ₩0                        |
| PISTONZING   | CON SULI DATED   | M  | 4/2  | S.I. 506C37   |                               | REPLACEMENT  | Wo                        |
|  |  | <u> </u>   |  |   | -                             |  |                           |
| 8. Test Conducted: Hydrostatic (  Test Pressure  9. Remarks: 155 Dec D   | පිටර paig Test Temper  | reture AMB.  | •  | Not Applicable { }  |                               |  |                           |
|  |  |  |  |   |                               |  |                           |
| We certify that the statements that Signed: (Owner of Owner  |  | rtificate of Com<br>s (Repair of<br>MGA                                      | 243.7  | Conforms to Section 2   | KI of th                      | ie ASME Code   |                           |
|  | Co   | ertificate of Ins  | pection  |   |                               |  |                           |
| I, the undersigned, holding a vali   | d commission issued by the Nation by _H, s, B, I, FI_ COof   | al Board of Boil<br>F <u>HARTFORD</u>  | er and P   | ressure Vessei Inspectors and having inspected the  | the Stat                      | te or Province of  |                           |
| described in this report on ///2 secondance with Section XI of the implied, concerning the repair or for any personal injury or proper | 1993 and state to the bear ASME Code. By signing this cere replacement described in this report damage or a loss of any kind and | est of my know<br>rtificate neither i<br>et. Furthermore<br>using from or co | ledge and<br>the inspe-<br>t, neither<br>unected t | d belief, this repair or replaced<br>ctor nor his employer makes a<br>r the inspector nor his employed<br>with this inspection. | ment ha<br>ny war<br>er shall | s been constructed<br>ranty, expressed<br>be liable in any o | ·r                        |
| Date: 1//22/53 Inspect   | or: for Toylon   | 7  | C01  | mmussions: 141617   |                               | <del></del> _  |                           |
|  |  |  |  | (State or Prov  | nnce. h                       | lational Boards  |                           |

DAP 11-18 REVISION 04

|  | eago IL, 60690 (Address)   | )  |  |  | heet: _1(  | 19 · 93                         | •                       |
|--|--|--|--|--|--|---------------------------------|-------------------------|
| Plant: Dresden Nuclear Power S  R.R. #1, Morris IL., 604   |  |  |  |  | nit: 2/3   |                                 |                         |
| . Work Performed By: SAme As   |  | Name)  | (  | NR# D16765   |  | _<br>R.PP.# Z                   | 93-0                    |
|  | Above (  |  | _  | Repair Organi  | zation P.O.  | No., Job No. et                 | c.                      |
| Identification of System: 1100   | SBIC Pump  |  |  |  |  |                                 |                         |
| (a) Construction Code B.31.1.  | o  | _Edition,/   | Add  | enda, Code Cases   | NIA  |                                 |                         |
| (b) Edition of Section XI used for R   | ,  |  |  |  |  | ·                               |                         |
| . Identification of Components Repaired o  | r Replaced and Replacement   | Components   |  | •  |  |                                 |                         |
| Name of  | Name of Manufacturer   | Mfrs.  | Nat  | Other  | Yr   | Danie -                         |                         |
| Component  | , value of Manager   | Serial No.   | Brd No   | D  | Blt  | Repair. Replaced or Replacement | Code<br>Stampe<br>Yes/N |
| CRIA Programme A Clarke  | LINIAN Prima   | 271642   |  | N//4   |  | REPAIR.                         |                         |
| BIC Pump Discharge FlowGE  | UNION FURD   | 671672   | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\   | N/A  | - N/A  | REPAIR.                         | NO                      |
|  |  |  |  |  |  |                                 |                         |
|  |  |  |  |  |  |                                 |                         |
|  |  |  |  |  |  |                                 |                         |
|  | 1  | i  |  |  |  | J                               | i                       |
|  | <u> </u>   | <u> </u>   |  |  |  |                                 | <u> </u>                |
| Description of work: INFIO Build to  | p of Defect. A   | PRA. Arcl 1  | nachine  | AREA TO S  | 20L 8-19-  | ORGINI                          | • /                     |
|  |  | PRA, Aref persure  |  | AREA TO E  | 20L 8-19-1   | ORGINI                          | •/                      |
| Test Conducted: Hydrostatic [ ] Pr   |  | erating Pressure   | [] Not   | AREA TO E  | 20L 8-19-1   | ORGINI                          | •1                      |
| Test Conducted: Hydrostatic [ ] Pri  | psig Test Temper   | erating Pressure   | [] Not   | AREA TO E  | 20L 8-19-1   | ORGINI                          | • /                     |
| Test Conducted: Hydrostatic [ ] Pri  | psig Test Temper   | erating Pressure   | [] Not   | AREA TO E  | 20L 8-19-1   | ORGINI                          | •/                      |
| Test Conducted: Hydrostatic [ ] Pri  | psig Test Temper   | erating Pressure   | [] Not   | AREA TO E  | 20L 8-19-  | ORGINA                          | •/                      |
| Test Conducted: Hydrostatic [ ] Pri Test Pressure Remarks:   | neumatic [ ] Nominal Op-   | erating Pressure   | [ ] Not  | APPlicable LY  |  | ORGINA                          | • /                     |
| Test Conducted: Hydrostatic [ ] Pri  | psig Test Temperpsig Test Temper   | tificate of Com  | Not<br>*F  pliance  Replaceme  | Applicable [ ]   |  | ORGINA                          | • /                     |
| Test Conducted: Hydrostatic [ ] Pri Test Pressure Remarks:   | psig Test Temper  psig Test Temper  Cer is report are correct and this   | tificate of Com  | [ ] Not  | Applicable LY  Conforms to Secti   |  | ORGINA                          | • /                     |
| Test Conducted: Hydrostatic [ ] Printer Pressure   | psig Test Temper  psig Test Temper  Cer is report are correct and this   | tificate of Com  | Not<br>*F  | Applicable [ ]   |  | ORGINA                          | •/                      |
| Test Conducted: Hydrostatic [ ] Printer Pressure   | psig Test Temper  psig Test Temper  Cer is report are correct and this  TEM SUP  | tificate of Company (Repair or   | Not<br>*F<br>pliance<br>Replaceme<br>9-14<br>(Date)  | Applicable [ ]   |  | ORGINA                          | •/                      |
| Test Conducted: Hydrostatic [ ] Printer Test Pressure  Remarks:  We certify that the statements made in the Signed:(Owner or Owner's Design  | psig Test Temper  psig Test Temper  Cer is report are correct and this  TEM. Suff gnee) (Title   | tificate of Com (Repair or   | Pliance Replaceme (Date)   | Applicable LY  Conforms to Section  19 93  | on XI of the   | e ASME Code                     | • /                     |
| Test Conducted: Hydrostatic [ ] Printer Test Pressure  Remarks:  We certify that the statements made in the Signed:  (Owner or Owner's Designation of Countries o | psig Test Temper  Certis report are correct and this gnee) (Title  | tificate of Company (Repair or Company)  | Pliance Replaceme (Date)  ection   | Applicable LY  Conforms to Section  19 93  | on XI of the   | e ASME Code                     |                         |
| Test Conducted: Hydrostatic [ ] Printer Test Pressure  Remarks:  We certify that the statements made in the Signed:  (Owner or Owner's Designation of the United States of the Un | Certission issued by the National Officeries + INSURACE, 1993 and state to the be  | tificate of Comparitificate of Inspectificate of | Pliance Replaceme (Date)  ection r and Pressu eT.  | Conforms to Sections, 19 93  | on XI of the   | e or Province of                | d in                    |
| Test Pressure    Pressure   Press | Certission issued by the National Option of Paction + INSURANCE, 1993 and state to the being code. By signing this certisment described in this report | tificate of Comparison (Repair of Comparison | Pliance Replaceme (Date)  continue of the property of the prop | Conforms to Sections, 19 93  The Vessel Inspectors a having inspected the conformity of the conformity | on XI of the e Pepa (Repair accement has ses any warms | e or Province of                | J in                    |
| We certify that the statements made in the Signed:  (Owner or Owner's Designation of the United Statements of the United  | Certission issued by the National Operation + INSURACE, 1993 and state to the bear correct of this report ge or a loss of sty kind arise               | tificate of Comparison (Repair of Comparison | Pliance Replaceme (Date)  ection r and Pressu eT.  dge and belie inspector in either the inected with  | Conforms to Sections, 19 93  The Vessel Inspectors a having inspected the conformity of the conformity | on XI of the e Pepa (Repair accement has ses any warms | e or Province of                | J in                    |

| 1. Owner: Commonwealth Edison Compa One First National Plaza, Chiese  2. Plant: Dresden Nuclear Power St R.R. #1, Morris IL., 604:  3. Work Performed By: SAME A SAME A  4. Identification of System: 2 - 2  5. (a) Construction Code USAS 15  (b) Edition of Section XI used for Re  6. Identification of Components Repaired or | ation (Name) (Address)  S ATSOVE (No. 19 67  Pair/Replacement 19 89  | Name) Address) Edition,  |                                  | Shee Unit  F F 7 2-93-0  Repair Organizat  Addenda, Code Cases  | :  | ωα≠ 23<br>No., Job No. etc   | 2561                      |
|---|--|--|----------------------------------|---|--|--|---------------------------|
| Name of<br>Component  | Name of Manufacturer   | Mfrs.<br>Serial No.  | Nat<br>Brd<br>No                 | Other<br>ID   | Yr<br>Blt  | Repair,<br>Replaced or<br>Replacement                                    | Code<br>Stamped<br>Yes/No |
| 2 A MAIN STEW ISO. VLV.<br>RING, BODY SEAT  | CRANE  | nyknomy  | V/4                              | 1-203-24  | NIA  | REPLACED   | ಬರಿ                       |
| 24 MSIV RWG BODY SEAT   | CRANE  | C 2190   | 1/4                              | 2-203-24  | VA   | lednement  | - 00                      |
| 7. Description of work: ZEMOJE  8. Test Conducted: Hydrostatic [ ] Part  Test Pressure  9. Remarks:   | umatic [ ] Nominal Ope   | erating Pressure   | [] N                             | NEW ST# 57  | 005  | 5.   |                           |
| We certify that the statements grade in the   | Cers are correct and this  | tificate of Com<br>REPLACE   | MENT                             | Conforms to Section   | XI of the  | e ASME Code.   |                           |
| Signed: (Davner or Oyunt's Design   | mee) (Tille  | <u>Sift.</u> _   | 3-1<br>(Date<br>6-27             | . 19 <u>94</u>  |  |  |                           |
| I, the undersigned, holding a valid comming of the secondaries with Section XI of the ASME implied, concerning the repair or replacer for any personal injury or property damage Date:  | assion issued by the Nationa  (B) + (E) of  of  19 and state to the be  Code. By signing this cent ment described in this report | st of my knowled in the state meither the state meither the state of t | edge and<br>inspect<br>neither t | having inspected the belief, this repair or replace or nor his employer makes he inspector nor his employ | Replace<br>(Repair<br>ement has<br>any warra<br>er shall b | or Replacement) been constructed anty, expressed or e liable in any many | inner                     |

| 1. Owner: Commonwealth Edison Compa  | (Name)   |  |                                    | Date   |           | -5-93                                    |                 |
|--|--|--|------------------------------------|--|-----------|--|-----------------|
| One First National Plaza, Chic   |  |  |                                    | Sheet  | : _1_0    | Of                                       |                 |
| 2. Plant: Dresden Nuclear Power S<br>R.R. #1, Morris IL., 604  | Station (Name) 150 (Address)   |  |                                    | Unit   | <u></u> 2 | <u>_</u>                                 |                 |
| 3. Work Performed By:SAME  | AS ABOVE (   | lame)  |                                    | D22627   |           |  | 100)            |
| SAMO   | E AS ABOVE (   | Address)   |                                    | Repair Organizat   | on P.O.   | No., Job No. etc.                        | ·               |
| 4. Identification of System:   | 203  |  |                                    | <del></del>  |           |  | •               |
| 5. (a) Construction CodeUSAS   |  | Edition,   | <u>o</u> ,                         | Addenda, Code Cases  | NON       | IE                                       |                 |
| (b) Edition of Section XI used for R   |  |  |                                    |  |           | E  |                 |
| 6. Identification of Components Repaired o   |  |  |                                    |  |           | <del>-</del>                             |                 |
|  | · · · · · · · · · · · · · · · · · · ·  | ·  | 1                                  |  |           | <del></del>                              |                 |
| Name of Component  | Name of Manufacturer   | Mfrs.<br>Serial No.                                      | Nat<br>Brd                         | Other<br>ID  | Yr<br>Blt | Repair,<br>Replaced or                   | Code<br>Stamped |
|  |  |  | No                                 |  |           | Replacement                              | Yes/No          |
| 2-0203-1D MSIV   | Crane  | Unk.   | NA                                 | NONE   | Unk.      | Replaced                                 | NO              |
| Value Ring & Body Seat   |  |  |                                    |  | +         |  |                 |
| 2 2 2 42 61/   |  | -0.06  |                                    | 41   | 1111      | n , 4                                    | <u> </u>        |
| 2-003-1D MSIV  | Crane  | C2189  | N/A                                | None   | ur.       | Replacement                              | NO              |
| Valve Ring & Body Scat   |  |  | -                                  |  | -         |  |                 |
| 7. Description of work: Remove exist worn stellite and not aligned and not aligned and not aligned and restrict and not aligned and restrict and not aligned a | neumatic [ ] Nominal Op  |  | []                                 | Not Applicable   | ist in s  | seat has                                 |                 |
|  |  |  |                                    |  |           |  | <u>-</u>        |
|  |  |  |                                    |  |           |  |                 |
| We certify that the statements made in the   |  |  | Red                                | August Conforms to Section   | XI of th  | e ASME Code.                             |                 |
| Signed: Brendan J. C.  | asey ISI G   | (Repair o  | <u> </u>                           | <u>23</u> , 19 <u>94</u>   |           |  |                 |
| (Owner or Owner's Desi   | gnee) (Tid   | le)  | (Dai                               | le)  |           |  |                 |
|  |  |  |                                    |  |           |  |                 |
|  | Ce   | ertificate of los  | pection                            |  |           |  |                 |
| I, the undersigned, holding a valid compact of the undersigned of the undersigned by   | 43/1/2/60 of   | HMKTFO   | &D, L                              | having inspected the   | Reple     | cement                                   | _               |
| described in this report on  | . 19 % and state to the both E Code. By signing this cerement described in this report | est of my knowl<br>tificate neither t<br>rt. Furthermore | edge and<br>he inspec<br>, neither | belief, this repair or replac-<br>tor nor his employer makes<br>the inspector nor his employ | ment ha   | s been constructed<br>ranty, expressed o | • 1             |
| for any personal injury or property dam  | ^ - 1  | _  |                                    |  | ,,,,,,,,  | 115 11110                                |                 |
| Date: 1-10-96 Inspector: _   | Kory / M   | my   | Con                                | nmissions: // 937/A<br>(State or Pro   | Wince, N  | AL N/SIS<br>lational Board)              |                 |

| . Owner: Commonwealth Edi:   | son Company  | (Name)  |                                |  | Date: 1   | 1-17-93                         |                             |
|--|--|---|--------------------------------|--|---|---------------------------------|-----------------------------|
|  |  | (Address)   |                                |  |   | <br>Of _1                       |                             |
|  |  | ame)  |                                |  |   |                                 |                             |
| R.R. #1, Morri   | is IL., 60450(Ad   | ldress)   |                                |  | Unit:   | 2                               |                             |
| . Work Performed By:SAM  | E AS ABOVE   | (Name)  |                                | WR# 22<br>Repair   |   | # 2-93-101<br>P.O. No., Job No. | etc.                        |
| SAME   | E AS ABOVE   | (Address)   |                                | -  |   |                                 |                             |
| . Identification of System:20  |  |   |                                |  |   |                                 | •                           |
| . (a) Construction Code US   | SAS B31.1.0 1  | 9 <u>67</u> Edition   | , <u>NON</u>                   | IE Addenda, Code C   | asesNONE  | <del></del>                     |                             |
| (b) Edition of Section XI used   | for Repair/Replacement 19_   | 89 Edition, N   | ONE                            | Addenda, Code Cases  | NONE  |                                 |                             |
| . Identification of Components R   | Repaired or Replaced and Rep   | placement Compo   | nents                          |  |   |                                 |                             |
| Name of  | Name of Manufacturer   | Mfrs.   | Nat                            | Other  | YrBlt   | Repair,                         | Code                        |
| Component  |  | Serial No.  | Brd<br>No                      | ID   |   | Replaced or<br>Replacement      | Stamp<br>Yes/N              |
| BONNET, VALVE  | CRANE  | UNKNOWN   | *                              | 2-220-59   | **  | REPLACED                        | **                          |
| STUDS, VALVE BONNET  | UNKNOWN  | UNKNOWN   | *                              | 2-220-59   | **  | REPLACED                        | **                          |
|  | 4  |   |                                |  | 1   |                                 |                             |
| BONNET, VALVE  | CRANE ALOYCO   | C1771   | *                              | 2-220-59   | 1980  | RPLCMENT                        | NO                          |
| STUD, VALVE BONNET   | N/R  | NONE  | *                              | 2-220-59   | 1984  | RPLCMENT                        | NO                          |
|  |  |   |                                | Not Applicable (X  | 1 BJC 3-9-94  | F.                              |                             |
| Test Conducted: Hydrostatic  Test Pressur  Remarks: **UNKNOWN  | [ ] Pneumatic [ ] Nor<br>e   | minal Operating I   | Pressure<br>340                | °F   | BGC 3-9-94  | ļ                               |                             |
| Test Conducted: Hydrostatic Test Pressur   | [ ] Pneumatic [ ] Nor<br>e   | minal Operating I   | Pressure<br>340                | °F   | 1 BGC 3-9-94  | <b>j</b>                        |                             |
| Test Conducted: Hydrostatic  Test Pressur  Remarks: **UNKNOWN  | [ ] Pneumatic [ ] Nor<br>e   | minal Operating I   | Pressure<br>340                | °F   | 1 BJL 3-9-94  | <b>j</b>                        |                             |
| Remarks: **UNKNOWN VT-2 examinas   | Pneumatic [ ] Nor e 998 psig Tes  *NONE  How pur SPPM V  | Certificate of t and this   | Pressure 340                   | liance    Conformation   Conformatio | s to Section XI o   |                                 | 3.                          |
| Test Conducted: Hydrostatic  Test Pressur  Remarks: **UNKNOWN  VT-2 Cx2min2  | Pneumatic [ ] Nor e 998 psig Tes  *NONE  How pur SPPM V  | Certificate of and this   | Pressure 340                   | 3-9-94  liance placement) Conforms   | s to Section XI o   |                                 | 3.                          |
| Test Conducted: Hydrostatic  Test Pressur  Remarks: **UNKNOWN  VT-2 Cx2min2s  We certify that the statements for the statement of the stat | Pneumatic [ ] Nor e 998 psig Tes  *NONE  How pur SPPM V  | Certificate of t and this (Re   | Pressure 340                   | liance  liance  Replacement)  3-9, 199  (Date)   | s to Section XI o   |                                 | 3.                          |
| Test Conducted: Hydrostatic  Test Pressur  Remarks: **UNKNOWN  VT-2 Cx2min2s  We certify that the statements for the statement of the stat | Pneumatic [ ] Nor e 998 psig Tes  *NONE  How pur SPPM V  | Certificate of t and this   | Pressure 340                   | liance  liance  Replacement)  3-9, 199  (Date)   | s to Section XI o   |                                 | 3.                          |
| Test Conducted: Hydrostatic  Test Pressur  Remarks: **UNKNOWN  VT-2 Cx2min2s  We certify that the statements for (Owner or Owner)  (Owner or Owner)  | Pneumatic   Normalic   Normalic | Certificate  (Re  Certificate  Certificate  Certificate   | of Inspector Boile             | liance  liance  lacement  Replacement)  3-9, 199  (Date)   | pectors and the spected the   | of the ASME Code                | of<br>W                     |
| Test Conducted: Hydrostatic  Test Pressur  Remarks: **UNKNOWN  VT-2 **CALINGS  We certify that the statements for (Owner or Owner)  (Owner or Owner)   | *NONE *NONE *NONE *NONE *Top per SPPM V  made in this report are correct er's Designee)  alid commission issued by the ed by #513 / 4/ 6 8  7 9 19 4 and state the ASME Code. By signing or replacement described in the damage or a loss of any kine  | Certificate of Hills | of Insperience of Boiler FORTO | diance  clause of Conformation  Replacement)  3-9, 199  (Date)  ction  r and Pressure Vessel Insight having in having in edge and belief, this repaire inspector nor his employneither the inspector nor ed with this inspection.  | pectors and the spected the (Repart or replacement yer makes any whis employer sh | State or Province               | of<br>)<br>octed in<br>d or |

|  |  |  |                 | <del></del>                          |              |   |                 |
|--|--|--|-----------------|--------------------------------------|--------------|---|-----------------|
| 1. Owner: Commonwealth Edison Co   |  |  |                 | Date                                 | : 08/2       | 5/94  | <del>-</del>    |
| One First National Plaza, (  | Chicago IL, 60690 (Address   | 3)                                       |                 | Shee                                 | t: <u>1</u>  | Of _1_  |                 |
| 2. Plant: Dresden Nuclear Pow<br>R.R. #1, Morris IL.,                        |  |  |                 | Unit                                 | : <u>2</u>   |   |                 |
| 3. Work Performed By:Owner   | (Na  | ame)                                     | D2609           | 9 2-9                                | 4-a          | 21  |                 |
|  |  | Address)                                 |                 | Repair Organizat                     | ion P.O.     | No., Job No. et                                       | c               |
| 4. Identification of System: 1100  | ·  | •  |                 |                                      |              |   | •               |
| ASME   | Section VIII, 65   | Edition N/A                              |                 | <br>Addenda, Code Cases N/A          |              |   |                 |
| (b) Edition of Section XI used for Re  | 11-10-44, 19-67<br>11-10-44, 19-67<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-10-47<br>11-1 |  |                 |                                      |              |   |                 |
|  |  | <u> </u>                                 | Adder           | ida, Code Cases _ N/A                |              | •   |                 |
| 6. Identification of Components Repaire                                      | <del></del>  | T  | Γ               |                                      | <del>T</del> |   |                 |
| Name of Component  | Name of Manufacturer   | Mfrs.<br>Serial No.                      | Nat<br>Brd      | Other<br>ID                          | Yr<br>Blt    | Repair,<br>Replaced or                                | Code<br>Stamped |
| <del></del>  | <del> </del>   | 11.16.                                   | No /            |                                      | Jak          | Replacement   | Yes/No          |
| 2B SBLC Relief Valve   | Crosby   | Unknown                                  | N/A             | 2-1105B                              | N/A          | Repleced  | NO              |
|  |  | SHOP #                                   | . /.            |                                      | NA           |   | 140             |
| 2B SBLC Relief Valve   | Crosby   | 50284                                    | N/A             | 2-1105B                              | NI           | Replacement   | NO              |
|  |  |  |                 |                                      | +            |   |                 |
|  |  | <del> </del>                             | <del> </del>    | <u> </u>                             | +            |   |                 |
| <u>L</u>   |  | <u></u>                                  |                 | <u> </u>                             |              |   |                 |
| 7. Description of work: Replace valve  | with rebuilt valve. The rebuilt  | t valve is origina                       | ıl equipn       | nent.                                | ····         |   |                 |
| 8. Test Conducted: Hydrostatic [ ]   | Pneumatic [ ] Nominal Op   | erating Pressure                         | <b>N</b> í      | Not Applicable [ ]                   |              | -   |                 |
| Test Pressure  | _  | rature Ambien                            | - •             |                                      | •            |   |                 |
| 9. Remarks: During operating S   | -  |  |                 | times and was                        | realsee      | d as a  |                 |
| brecarpoward wearner   | with a rebuilt sp  | are assem                                | 614.            |                                      |              |   |                 |
|  |  |  |                 |                                      |              |   |                 |
|  | Cert   | tificate of Com                          | pliance         |                                      |              |   |                 |
| We certify that the statements made in                                       | this report are correct and this   | Keplacen<br>(Repair or                   | Cn C<br>Replace | Conforms to Section                  | a XI of th   | e ASME Code.  |                 |
| Signed: Bundan J. Ca. (Owner or Owner's De                                   | esignee) ISI Coc   | <u>xdinator</u>                          | (Dat            | -10 , 19 <u>94</u><br>e)             |              |   |                 |
|  | · · · · · · · · · · · · · · · · · · ·  |  | ·               | ·                                    | <del></del>  | · · · · · · · · · · · · · · · · · · ·                 |                 |
|  |  |  |                 |                                      |              |   |                 |
|  | Cer  | rtificate of Insp                        | ection          |                                      |              |   |                 |
| I, the undersigned, holding a valid co                                       | mmission issued by the Nationa<br>1955/4/1/00o   | al Board of Boile<br>f <u>##########</u> | er and P        | having inspected the                 | Repl         | e or Province of<br><u>ACEMENT</u><br>or Replacement) | <u> </u>        |
| described in this report on  |  |  |                 | d belief, this repair or replac      | ement ha     | s been constructe                                     |                 |
| accordance with Section XI of the AS implied, concerning the repair or repli | scement described in this repor  | t. Furthermore,                          | neither         | the inspector nor his employ         | •            | • • •   | ll ll           |
| any personal injury or property damag  | ge or a loss of any kind arising   | from or connec                           |                 |                                      | 112 17.      | U) KI1672   |                 |
| Date: 1/12/47 Inspector:   | point reines   |  | Co              | mmissions: 1432, N<br>(State of Prov | ince, Na     | tional Board)   |                 |
|  |  |  |                 | •                                    |              |   | 11              |

| One First National Plaza,   | Ompany (Name) Chicago IL, 60690 (Address)  | )  |  |  |  | - 5.94   | •            |
|---|--|--|--|--|--|--|--------------|
| . Plant: Dresden Nuclear Pov<br>R.R. #1, Morris IL.   | ver Station (Name)   |  |  |  | it: _2_  | of   | Z-94         |
| . Work Performed By:  | UNET (   | Name)  |  |  |  | 025  |              |
| _SAME   | as Above (   | (Address)  |  | Repair Organiza  | ition P.O  | . No., Job No. et  | c.           |
| . Identification of System: 2306  | HPCI Turbins   | Exhust A   | lupti  | ure Disc; 2-2.   | 301-6  | B & Z.Z.   | 301-6        |
|   | 31.1 · 1967  |  |  | •  |  |  |              |
| (b) Edition of Section XI used for  | or Repair/Replacement 19 89  | لم _ Edition,  | <u> </u>   | Addenda, Code Cases  | NIA  | L  |              |
| . Identification of Components Repair   |  |  |  |  |  |  |              |
|   |  | 1 -  |  | <del>,</del>   |  | <del></del>  | T            |
| Name of Component   | Name of Manufacturer   | Mfrs.<br>Serial No.  | Nat<br>Brd   | Other<br>ID  | Yr<br>Blt  | Repair,<br>Replaced or   | Cod<br>Stamp |
|   |  | ocial ito.   | No   |  |  | Replacement  | Yes/I        |
| Rupture Disc B  | SIB SAFETY   | NIA  | NA   | 2.2301.68  |  | REPLACE  | إرلم         |
| SEB SAFETY  |  |  |  | 2. 2301-67   |  |  |              |
|   |  | PSL1-5-95  |  | <u> </u>   |  |  |              |
| Rusture Disc  | Black Sivalls  | -14-   | MA   | 2.230/-68  |  | Reflect  | 21/          |
|   |  |  |  |  | - 1  | l i  |              |
|   | & Bryson SHETY   | 9400044  |  | 2. 2301-67   |  |  |              |
| Test Conducted: Hydrostatic [ ]   | Pneumatic [ ] Nominal Ope  | station g  |  | Surveillance.  |  |  |              |
| Description of work: Replaced  Test Conducted: Hydrostatic [ ]  Test Pressure  Remarks: VT-2 Par  | Pneumatic [ ] Nominal Ope 3 Ph. 45 paig Test Tempers   | station gerating Pressure ( ature ZZ3  | A N  | on Applicable []   |  | 3  |              |
| Test Conducted: Hydrostatic [ ]   | Pneumatic [ ] Nominal Operation of Paris Test Temperature Constitution of Paris Constitu | station gerating Pressure ( ature ZZ3  FLAC FOR  ificate of Completing Replacements  | iance  | I SURVEINANCE.  Not Applicable []  Note: The surveinance of the survei | }oo -  |  |              |
| Test Conducted: Hydrostatic [ ]  Test Pressure  Remarks: VT-Z PAP  We certify that the statements made in (Owner or Owners a December 1)  | Pneumatic [ ] Nominal Ope  Preumatic [ ] Nominal Ope  Part Temperature  Form 2   | erating Pressure ( ature ZZ3  True Yes  ificate of Comple Revery  (Repair or I   | iance Replace 1-5 (Date  | Conforms to Section ment)  | XI of the  | e ASME Code.   |              |
| Test Conducted: Hydrostatic [ ]  Test Pressure  Remarks: VT-Z Par  We certify that the statements made in (Owner or Owner's December 2)  (Owner or Owner's December 2)  I, the undersigned, holding a valid con (UVNOC) | Pneumatic [ ] Nominal Oper Set 1-5 paig Test Tempera Form 2 In Contact this report are correct and this resignee) Test Tempera Interest and this resignee Test Tempera Interest and this resignee Test Tempera Interest Inte | ificate of Completificate of Inspectificate of Boiler  | iance Replace 1-5 (Date  | Conforms to Section ment)  1995  Surveillance.  Conforms to Section ment)  August Vessel Inspectors and having inspected the   | XI of the  | e ASME Code.   |              |
| Test Conducted: Hydrostatic [ ]  Test Pressure  Remarks: VT-Z PAP  We certify that the statements made in (Owner or Owners a December 1)  | Pneumatic [ ] Nominal Operation of the Part of the Par | erating Pressure Cature ZZ3  A Leac Fee Comple Repair or I Coins for I Coins f | iance Replace 1-5 (Date tion and Pre ge and t inspecte either tt | Conforms to Section ment)  19 95  Surveillance.  Conforms to Section ment)  19 95  Surveillance.   | XI of the Replace (Repair of ment has any warrant) | or Province of Concor Cor Replacement) been constructed inty, expressed or |              |

| Owner: Commonwealth Edison Comp.     One First National Plaza, Chic                                       |                                |                     |                  | Date                                | 1-        | 5-95                                  | •                         |
|---|--------------------------------|---------------------|------------------|-------------------------------------|-----------|---------------------------------------|---------------------------|
|   |                                |                     |                  | Sheet                               | -1-       | or                                    | •                         |
| 2. Plant: Dresden Nuclear Power 9  R.R. #1, Morris IL., 604   |                                |                     |                  | Unit                                | <u></u>   |                                       |                           |
| 3. Work Performed By: Same a  | s Above n                      | Vame)               |                  | D26915 (                            |           | 94-006)                               | <u>.</u> .                |
| Same as   | s Above (A                     | ddress)             |                  | Repair Organizati                   | on P.O.   | No., Job No. etc.                     | • • •                     |
| 4. Identification of System: 2300   | HPCI                           |                     |                  |                                     |           |                                       | •                         |
| 5. (a) Construction Code USAS   | B31.1.Q 1967                   | Edition, N          | 0_               | Addenda, Code Cases                 | Nor       | nc                                    |                           |
| (b) Edition of Section XI used for R  | epair/Replacement 19 <u>89</u> | Edition,            | <u>lo</u> ,      | Addenda, Code Cases                 | Nor       | ne                                    |                           |
| 6. Identification of Components Repaired of   | r Replaced and Replacement     | Components          | _                |                                     |           | •                                     |                           |
| Name of<br>Component  | Name of Manufacturer           | Mfrs.<br>Serial No. | Nat<br>Bed<br>No | Other<br>ID                         | Yr<br>Bh  | Repair,<br>Replaced or<br>Replacement | Code<br>Stamped<br>Yes/No |
| 24" Dual Disc Check   | Unknown                        | Unknown             | N/A              | 2-2301-45                           | N/A       | Replaced                              | NO                        |
| Value .   |                                |                     |                  |                                     |           |                                       |                           |
|   |                                |                     |                  |                                     | <u> </u>  |                                       |                           |
| 24" Dual Disc Check   | CUS Value                      | 90-1239-01          | NA               | 2-2301-45                           | 91        | Replacement                           | NO                        |
| Value :   |                                | (Q)-04              |                  |                                     | <u> </u>  |                                       |                           |
|   | <u> </u>                       |                     |                  | <u> </u>                            |           |                                       |                           |
| 7. Description of work: Replaced ex   | isling dual disk               | check vz            | lvc 1            | with brand new                      | dual      | disk check                            | <u> </u>                  |
| 8. Test Conducted: Hydrostatic [ ] Pri  | cumatic [ ] Nominal Ope        | erating Pressure    | KÍ 1             | Not Applicable ( )                  |           |                                       |                           |
| Test Pressure 3   | osig Test Temper               | amra N/A            |                  |                                     |           |                                       |                           |
| 9. Remarks: Performed VT-2  | <del></del> -                  | uring ob            | -<br>erat        | ional surveillance                  | e I       | 05 2300-                              | -03                       |
| (Reactor Vessel 2t 920 ps   |                                |                     | ya.              | luc accepted.                       |           |                                       |                           |
|   |                                |                     |                  |                                     |           |                                       |                           |
| We certify that the statements made in th   | Cen                            | tificate of Comp    | diance           | Conforms to Section                 | V7 afab   | • A5ME C-4-                           |                           |
| Signed: BALANDA O Cha   |                                | (Renair or          | Replace          | roses)                              | A. O. W   | Aame Cods.                            |                           |
| (Owner or Owner's Design  |                                |                     | (Dat             | ·                                   |           |                                       |                           |
| <u></u>   |                                |                     |                  |                                     |           |                                       |                           |
|   | Ce                             | rtificate of Imp    | etion            |                                     |           |                                       |                           |
| I, the undersigned, holding a valid comm  | nission issued by the National | Board of Boile      | r and Pr         | essure Vessel Inspectors and        | the State | or Province of                        |                           |
| I, the undersigned, holding a valid comm    L   L   L   L   L   L     described in this report on   2 - 6 | of Control of                  |                     | 100              | /// maxima rushected (US            | (Repair   | or Replacement)                       | _                         |
| accordance with Section XI of the ASME  | Code. By signing this cent     | INCHES DESIDER CO   | a residen        | rot Dot urz embrokat insres s       | DÀ MILL   | enty, expressed or                    |                           |
| implied, concerning the repair or replace<br>for any personal injury or property dama                     | ge or a loss of any kind aris  | ing from or com     |                  |                                     | r shall t | e liable in any ma                    | nner                      |
| Date: 12-8-95 [aspector: _/   | but their                      | 1/                  | Соп              | missions: 16937 N<br>(State of Pro- | 32        | 747 N 15                              | 3                         |
|   | 1                              | ·                   |                  | (State of Prov                      | ince, N   | stional Board)                        | J                         |

| One First National Plaz   | Company (Name)<br>a, Chicago IL, 60690 (Address   | ก  |   | 1  | Date:8/17   | 7/94  |              |
|---|---|--|---|--|---|---|--------------|
|   | •   | "  |   | s  | Sheet: 1  | Of <u>1</u>   |              |
|   | Power Station (Name)  Rd., Morris IL., 60450  | (Address)  |   |  | Uı  | nit: <u>2/3</u>   | _            |
| . Work Performed By: Commonw  | vealth Edison Co. (Nam  | ne)  | 1   | NWR # D25355   | (2-9  | 4-009)  |              |
| ,   | Dresden Rd. Morris III., 60450  | (Address   | `   | Repair Organization P.C  | O. No., Job   | No. etc.  |              |
|   | Diesden Rd. Morris III., 00450  | (/Add1635  | ,   | ,  |   | ·   |              |
| . Identification of System: 6600  |   |  | -   |  |   |   |              |
| . (a) Construction Code   | TEMA Class C , 1  | 9 <u>N/A</u> Edition   | on, <u>N</u>  | /A Addenda, Coo  | ie Cases]   | N/A   | <del></del>  |
| (b) Edition of Section XI used for  | Repair/Replacement 19 89 E  | dition, N/A  | A   | ddenda, Code Cases <u>N</u>  | <u>'A</u>   |   |              |
| . Identification of Components Repo   | aired or Replaced and Replacemen  | t Components   |   |  |   |   |              |
| Name of   | Name of Manufacturer  | Mfrs.  | Nat   | Other  | Yr  | Repair,   | Code         |
| Component   |   | Serial No.   | Brd   | ID   | Blt   | Replaced or   | Stamp        |
|   |   | 2712-5   | No  |  |   | Replacement   | Yes/N        |
| Heat Exchangers   | Electro Motive  | 371305   | N/A   | NONE   | N/A   | Replaced  | No           |
| Heat Exchanger  | Electro Motive  | 371306   | N/A   | NONE   | N/A   | Replaced  | No           |
| Heat Exchanger  | Electro Motive  | 346544   | N/A   | S.I. 254C94  | N/A   | Replacement 4   | i-No         |
| Heat Exchanger  | Electro Motive  | 346545   | N/A   | S.I. 254C94  | N/A   | Replacement   | No           |
|   |   |  |   |  |   |   |              |
|   |   |  |   |  |   | , , , ,   |              |
| . Description of work: Replace  | Provide the Dian I Com  | and the Ca   | 11  | Note to a Note to  |   | · · · · · · · · · · · · · · · · · · ·   | <del> </del> |
| Description of work, 1112/1/21  |   |  | _1  |  |   |   |              |
| efurbished heat exch  | angers.   | neralli Co   | oliny   | water heat ex  | <u>cranger</u>  | 2 NATION  |              |
| efurbished heat exch  | angers.   |  |   |  | <u>cranger</u>  | 7 101   | <u>-</u>     |
| Test Conducted: Hydrostatic [ ]   | Pneumatic [   Nominal Op  | erating Pressure   | ×   | Not Applicable [ ]   | changer   | ) NIIN  |              |
| Test Conducted: Hydrostatic [ ]  Test Pressure  | Pneumatic [   Nominal Op  | erating Pressure   | <b>⋈</b><br>• <b>t</b> •F   | Not Applicable [ ]   |   |   |              |
| Test Conducted: Hydrostatic [ ]  Test Pressure _  Remarks: Performed V  | Pneumatic [   Nominal Op  | erating Pressure   | <b>⋈</b><br>• <b>t</b> •F   | Not Applicable [ ]   |   |   | gc_          |
| Test Conducted: Hydrostatic [ ]  Test Pressure _  Remarks: Performed V  | Pneumatic [   Nominal Op  | erating Pressure   | <b>⋈</b><br>• <b>t</b> •F   | Not Applicable [ ]   |   |   | ge           |
| Test Conducted: Hydrostatic [ ]  Test Pressure _  Remarks: Performed V  | Pneumatic [   Nominal Op  | erating Pressure   | <b>⋈</b><br>• <b>t</b> •F   | Not Applicable [ ]   |   |   | ge           |
| Test Conducted: Hydrostatic [ ]  Test Pressure _  Remarks: Performed V  | Pneumatic   Nominal Op  30 psig Test Temper  1-2 during Operation  Cert   | erating Pressure rature Ambica  AG SURVE   | M<br>o <u>t</u> or<br>Il and  | Not Applicable ; ]   | -01. N  | to laka   | gc           |
| Test Conducted: Hydrostatic [ ]  Test Pressure  Remarks: Performed V  bScrued.  We certify that the statements mad  | Pneumatic [   Nominal Op  30  psig Test Temper  1-2 during Operation  Cert e in this report are correct and this  | erating Pressure  Ambien  Ag Survei  ifficate of Compa  Replacemen  (Repair or least   | St of   | Not Applicable      Conforms to Secure   | -01. N  | to laka   | gc           |
| Test Conducted: Hydrostatic [ ]  Test Pressure  Remarks: Performed V  bScrued.  We certify that the statements mad  Signed: Bundan  | Pneumatic [   Nominal Op  30  psig Test Temper  1-2 during Operating  Cert e in this report are correct and this  | erating Pressure  Ambien  Ag Survei  ifficate of Compa  Replacemen  (Repair or land)   | Mot of of liance  | Not Applicable ; ]  Conforms to Secure 19  | -01. N  | to laka   | gc           |
| Test Conducted: Hydrostatic [ ]  Test Pressure  Remarks: Performed V  bScrued.  We certify that the statements mad  | Pneumatic [   Nominal Op  30  psig Test Temper  1-2 during Operation  Cert e in this report are correct and this  | erating Pressure  Ambien  Ag Survei  ifficate of Compa  Replacemen  (Repair or land)   | St of   | Not Applicable ; ]  Conforms to Secure 19  | -01. N  | to laka   | ус<br>       |
| Test Conducted: Hydrostatic [ ]  Test Pressure  Remarks: Performed V  bScrued.  We certify that the statements mad  Signed: Bundan  | Pneumatic [   Nominal Op  30  psig Test Temper  1-2 during Operating  Cert e in this report are correct and this  | erating Pressure  Ambien  Ag Survei  ifficate of Compa  Replacemen  (Repair or land)   | Mot of of liance  | Not Applicable ; ]  Conforms to Secure 19  | -01. N  | to laka   | gc           |
| Test Conducted: Hydrostatic [ ]  Test Pressure  Remarks: Performed V  Scrued  We certify that the statements mad  Signed: Bundan  | Pneumatic [   Nominal Op  30  psig Test Temper  1-2 during Operation  Cert e in this report are correct and this  Lasty ISI (a)  Designee) (Title   | erating Pressure  Ambien  Ag Survei  ifficate of Compa  Replacemen  (Repair or land)   | Moltor  Ilance  t  Replacer   | Not Applicable ; ]  Conforms to Secure 19  | -01. N  | to laka   | gc           |
| Test Conducted: Hydrostatic [ ]  Test Pressure  Remarks: Performed V  bScrued.  We certify that the statements mad  Signed: Bundan (Owner or Owner's                              | Pneumatic [   Nominal Op  30  psig Test Temper  1-2 during Operation  Cert e in this report are correct and this  Designee)   | erating Pressure  Ambient  Ag Survei  difficate of Compa  Repair or leading for leading fo | Mot of of liance  | Conforms to Secure   | -O\. N  | do kaka   |              |
| Test Conducted: Hydrostatic [ ]  Test Pressure  Remarks: Performed V  SCINED.  We certify that the statements mad  Signed: Bundan   | Pneumatic [   Nominal Op  30  psig Test Temper  1-2 during Operation  Cert e in this report are correct and this Designee)  | erating Pressure  Ambient  Ag Survei  difficate of Compa  Repair or leading for leading fo | liance t Replacer (Date   | Conforms to Secure Vessel Inspectors   | and the Stat  | e or Province of  |              |
| Test Conducted: Hydrostatic [ ]  Test Pressure  Remarks: Performed V  Signed:  We certify that the statements mad  Signed: Cowner or Owner's                                      | Pneumatic   Nominal Op  30 psig Test Temper  1-2 during Operation  Cert e in this report are correct and this Designee) TSI (a)  Cert  Cert  Cert  Cert  Cert  Commission issued by the National  Commission issued by the National   | erating Pressure  Ambier  Ag SURVE   | liance t Replacer (Date   | Conforms to Secure Vessel Inspectors having inspected  | and the Stat  | e or Province of  |              |
| Test Conducted: Hydrostatic [ ]  Test Pressure  Remarks: Performed V  Signed:  We certify that the statements mad  Signed: Cowner or Owner's  [, the undersigned, holding a valid | Pneumatic   Nominal Op  30 psig Test Temper  1-2 during Operation  Cert e in this report are correct and this Designee) (Title  Cert commission issued by the National op  1,1945 and state to the be  ASME Code. By signing this cert  | erating Pressure  Ambier  Ag SURVE   | liance t Replacer (Date ction r and Pr edge ance e inspec           | Conforms to Secure Vessel Inspectors having inspected the belief, this repair or register nor his employer male  | and the State the Repair of the Repair of the state the Repair of the the state of the the the state of the   | e or Province of Coment's Been constructed anty, expressed                              | ed in        |
| Test Conducted: Hydrostatic [ ]  Test Pressure  Remarks: Performed V  Scrued  We certify that the statements mad  Signed: Sundar  (Owner or Owner's                               | Pneumatic   Nominal Op  30 psig Test Temper  1-2 during Operation  Cert e in this report are correct and this Designee) (Title  Cert commission issued by the National op  1915 and state to the beat ASME Code. By signing this cert eplacement described in this report                         | erating Pressure  Ambier  Ag SURVE   | liance t Replacer (Date ction r and Pr edge ance inspec neither     | Conforms to Secure Vessel Inspectors having inspected the belief, this repair or repeter nor his employer mainst the inspector nor his employer mainst the inspector nor his employer mainspector nor his employer mainspec | and the State the Repair of the Repair of the state the Repair of the the state of the the the state of the   | e or Province of Coment's Been constructed anty, expressed                              | ed in        |
| Test Conducted: Hydrostatic [ ]  Test Pressure  Remarks: Performed V  Signed:  We certify that the statements mad  Signed: Cowner or Owner's  [, the undersigned, holding a valid | Pneumatic [   Nominal Op  30  psig Test Temper  1-2 during Operation  Cert e in this report are correct and this Designee) (Title  Cert commission issued by the National by 1151 14 0 00  ASME Code. By signing this cert eplacement described in this report mage or a loss of any kind arising | rature Ambientage Surveing Sur | liance EReplacer Constitution  The and Proceedings and entired with | Conforms to Secure Vessel Inspectors having inspected the belief, this repair or repeter nor his employer mainst the inspector nor his employer mainst the inspector nor his employer mainspector nor his employer mainspec | and the State of the Repair of the Repair of the any warroloyer shall the state of | e or Province of Coment's been constructed anty, expressed to be liable in any results. | ed in        |

|        |   |  |                                       |             | <u> </u>                                       |               |  |             |
|--------|---|--|---------------------------------------|-------------|--|---------------|--|-------------|
|        | 1. Owner: Commonwealth Edison One First National Plaz                 |  | ame)<br>ddress)                       |             |  | Date          | : <u>09-20-94</u>                                    | -           |
| _      | 2. Plant: Dresden Nuclear I   | ···-·····························  | ,                                     |             |  | Shee          | et: <u>1</u> Of <u>2</u>                             |             |
|        | R.R. #1, Morris I   |  | •                                     |             |  | Unit          | <del></del> ,  |             |
|        | 3. Work Performed By:Owner_   | · · · · · · · · · · · · · · · · · · ·  | (Name)                                |             | W.R.#D26851                                    | -R/R          | 1110 -   | 4-010)      |
|        | Same  |  | (Address)                             |             | Repair Or                                      | ganiza        | tion P.O. No., Job No. et                            | · .         |
|        | 4. Identification of System: 0300,                                    | CRD  |                                       |             |  |               |  |             |
|        | 5. (a) Construction Code ASM  |  | , 19 <u>65</u> Edi                    | ition,W     | VO BJC 11-10-94<br>65-BJC 11-10-94<br>Addenda, | Code (        | Cases NONE   |             |
|        | (b) Edition of Section XI used  | d for Repair/Replacement 19  |                                       |             | ·  | ases <u>N</u> | IONE   |             |
|        | 6. Identification of Components Repa                                  | aired or Replaced and Replac   | cement Components                     |             |  |               |  |             |
|        | Name of   | Name of Manufacturer   | Mfrs.                                 | Nat         | Other  | Yr            | Repair,  | Code        |
|        | Component   | Mattle of Mandacturer  | Serial No.                            | Brd         | ID   | Blt           | Replaced or  | Stamped     |
|        |   |  |                                       | No          |  | . 1/2         | Replacement  | Yes/No      |
|        | CRD FLANGE CAP SCREWS   | GENERAL ELECTRIC   | NONE                                  | N/A         | 1-8 X 5-1/2"(μ-1)                              | NA            | REPLACED   | NO          |
|        | CRD FLANGE CAP SCREWS   | GENERAL ELECTRIC   | 137C9293P004                          | N/A         | 1-8 X 5-1/2"(μ-7)                              | "             | REPLACEMENT  | NO          |
|        | CRD FLANGE CAP SCREWS   | GENERAL ELECTRIC   | NONE                                  | N/A         | 1-8 X 5-1/2 (G-II)                             | li            | REPLACED   | NO          |
|        | CRD FLANGE CAP SCREWS   | GENERAL ELECTRIC   | 137C9293P004                          | N/A         | 1-8 X 5-1/2"(G-11)                             | "             | REPLACEMENT  | NO          |
|        | CRD FLANGE CAP SCREWS   | GENERAL ELECTRIC   | NONE                                  | N/A         | 1-8 X 5-1/2"(J-8)                              | 11            | REPLACED   | NO          |
|        | CRD FLANGE CAP SCREWS   | GENERAL ELECTRIC   | 117C4515P002                          | N/A         | 1-8 X 5-1/2(J-g)                               | NA            | REPLACEMENT  | NO          |
|        | 7. Description of work: REMOVE A                                      | ND REPLACE CRD FLAN  | GE CAP SCREWS.                        |             |  |               |  |             |
| •      |   |  | <del></del>                           |             |  |               |  |             |
|        | 3. Test Conducted: Hydrostatic [ ]                                    | Pneumatic [ ] Nomin  | nal Operating Pressure                | e [ ] 1     | Not Applicable 📈                               |               |  |             |
|        | Test Pressure   | NA psig Test T   | emperature N/A                        | °F          |  | . •           | •  |             |
| Ç      | . Remarks: Replaced exi   | sting overtorqued  | capscicius                            | with        | brand new                                      | cap           | screws   |             |
| -      | <u> </u>  |  |                                       |             |  |               |  | <del></del> |
| -<br>- |   |  |                                       |             |  |               |  |             |
| 1      | W Control of the control  | r to a to the control of the control | Certificate of Com                    | -           | 3 - 6 - A - 6 - A - 37                         | • •           | ACME C. I  |             |
|        | We certify that the statements mad                                    | (Repa  | air or Replacement)                   | _           |  | i or the      | ASME Code.   |             |
| I      | Signed: Signed: (Owner or Owner's                                     |  | (Title)                               | 1\-{C       | ) ,19 <u>94</u> (                              |               |  |             |
|        |   |  | · · · · · · · · · · · · · · · · · · · | <del></del> | ·<br>  |               | ·  |             |
| [      |   | <del></del>  |                                       |             |  | = 1           |  | 1           |
|        |   |  | Certificate of Ins                    | pection     |  |               |  |             |
|        | I, the undersigned, holding a valid, employed b                       |  |                                       |             |  | d the _       | REPLACEMENT  |             |
|        | described in this report on // -)                                     | , 19 97 and state to   | the best of my knowl                  | edge and    | belief, this repair or r                       | epiace        | (Repair or Replacement)<br>ment has been constructed |             |
|        | accordance with Section XI of the implied, concerning the repair or r | ASME Code. By signing this   | is certificate neither t              | he inspect  | tor nor his employer m                         | nakes a       | ny warranty, expressed or                            | r '         |
|        | for any personal injury or property                                   | damage or a loss of any kin  | d arising from or cor                 | nected w    | ith this inspection.                           |               | •  |             |
|        | Date: 13-7-45 Inspector   | :: KoUTIK  | any                                   | Com         | missions: <u>K-93</u>                          | 7/1/          | 137742 (4/5)<br>rince, National Board)               | <u> </u>    |
|        |   |  | •                                     |             | (State o                                       | Prov          | ince, National Board)                                |             |

| THE PARTY AND A PROPERTY OF THE PARTY OF THE | (Name)<br>. Chicago IL. 6069  | (Address)  |  | Date:   | 3-7-9                 |   |                           |
|--|---|--|--|---|-----------------------|---|---------------------------|
| Plant: Dresden Nuclear Power !   |   | lame)  |  |   |                       | eet: _1_ Of _1_   | -                         |
| 6500 North Dresden Road  |   |  | Address)   |   |                       | it:2  |                           |
| Work Performed By: Bechtel Constructe  | ors   | (N   | lame)  | <u>WR D27675</u><br>Repair C  | Plan 2-9<br>Irganizat | 4-011<br>ion P.O. No., Job  | No. etc.                  |
| P.O. Box 829 M   | orris, IL 60450   |  | _ (Addr  | ess)  |                       | ,                                   |                           |
| Identification of System: <u>0220/3000 M</u>   | Iain Steam  |  | _  |   |                       |   |                           |
| (a) Construction Code <u>USAS B31.</u>   | 1.0 , 196   | 7 Edition, _1  | NO_Add   | enda, Code Cases NO   |                       |   | <b>-</b>                  |
| (b) Edition of Section XI used for R   |   |  |  | ddenda, Code Cases NONE   |                       |   | -                         |
| Identification of Components Repaired of   | r Replaced and Re   | placement Comp   | ponents  |   |                       |   |                           |
| Name of<br>Component   | Name of<br>Manufacturer   | Mfrs.<br>Serial No.  | Nat<br>Brd<br>No   | Other<br>ID   | Yr<br>Blt             | Repair,<br>Replaced or<br>Replacement                                     | Code<br>Stamped<br>Yes/No |
| CARBON STEEL PIPING (A-106 Grade B) AND FITTINGS (A-105)   | UNKNOWN   | N/A  | N/A  | MAIN STEAM DRAIN LINES  | N/A                   | REPLACED  | NO                        |
| 11/4" PIPE (A-106 Grade B, SCHEDULE 80)  | UNKNOWN   | N/A  | N/A  | SI #504B75  | N/A                   | REPLACEMENT   | NO                        |
| 2° PIPE (A-106 Grade B, SCHEDULE 80)   | UNKNOWN   | N/A  | N/A  | SI #551A30  | N/A                   | REPLACEMENT   | NO                        |
| 1¼" 3000# 90 DEGREE ELBOWS(A-105)  | UNKNOWN   | N/A  | N/A  | SI #558A70  | N/A                   | REPLACEMENT   | NO                        |
| 2" 3000# TEES (A-105)  | UNKNOWN   | N/A  | N/A  | SI #558A56  | N/A                   | REPLACEMENT   | NO                        |
| 2° X 11/4° REDUCING INSERTS (A-105)  | UNKNOWN   | N/A  | N/A  | SI #799D52  | N/A                   | REPLACEMENT   | NO                        |
| 'A* A-36 PLATE   | UNKNOWN   | N/A  | N/A  | SI #779B98  | N/A                   | REPLACEMENT   | NO                        |
| ,  | Test Pressure9  | d under Exempt   | Test Ter   | nperature <u>AMBIENT</u> °F   | ead anch              | or at Penetration   |                           |
| Remarks: <u>Unit 2 main steam line drain</u> addition of stiffener plates. Piping was  | examined at 920 g   | osig under Relie   | f Reques   | PR-19.  |                       |   | X-106 was mo              |
| Remarks: Unit 2 main steam line drain addition of stiffener plates. Piping was  We certify that the statements made in the Signed: Designment of Owner's D | is report are corre   | Certificat   | te of Cor  | npliance<br>ENT Conforms to Section XI  |                       | ASME Code.  | X-106 was mo              |
| We certify that the statements made in the Signed: Designed (Owner or Owner's Designed), the undersigned, holding a valid communication of stiffener plates. Piping was  | is report are corrections are corrections.  | Certificat ct and this REP (SI Coordinator (Title)  Certificate National Boar  | te of Con<br>LACEM   | mpliance ENT Conforms to Section XI 3-7 , 1996 (Date) spection er and Pressure Vessel Inspec  | of the A              | the State or Provi  |                           |
| e addition of stiffener plates. Piping was   | hission issued by the Insurance and Insp. 1996 and state Code. By signing ment described in | Certificat et and this REP (SI Coordinator (Title)  Certificate existence of the country of the certificate this report. Fur | te of Con<br>LACEM<br>ate of Ind<br>d of Boil<br>(artford,<br>my know<br>neither t | mpliance ENT Conforms to Section XI 3-7 , 1996 (Date), 1996 spection for and Pressure Vessel Inspection for and Pressure Vessel Inspective that in the inspect of the inspector nor his employer, neither the inspector nor his | of the A              | the State or Provi<br>LACEMENT<br>ment has been cor<br>any warranty, exp. | ince of Illinois          |

| Owner: Commonwealth Edison Comp.     One First National Plaza, Chic   |  | ,  |                                     | Dat   | e: <u> </u>                        | -5-95   |                           |
|---|--|--|-------------------------------------|---|------------------------------------|---|---------------------------|
| 2. Plant: Dresden Nuclear Power S R.R. #1, Morris IL., 604  | Station (Name)   |  |                                     | •   | et: <u>1</u><br>i: <u>2</u>        | Of <u> </u>   |                           |
| 3. Work Performed By: Same as   | Above 0  | lame)  |                                     | D 26919   | (2-9                               | 4-013)  | ·                         |
| Same as   |  | .ddress)   |                                     | Repair Organiza   | tion P.O                           | . No., Job No. etc  | •                         |
| <u> </u>  | HPCI   |  |                                     |   |                                    |   |                           |
| 5. (a) Construction Code USAS 1   | 331.1.0 · 1967   | Edition,^  | 10                                  | Addenda, Code Cases   | Non                                | 16  | ·                         |
| (b) Edition of Section XI used for R  | epair/Replacement 19 <u>89</u>   | Edition,   | 10 A                                | Addenda, Code Cases   | Non                                | e   |                           |
| 6. Identification of Components Repaired or   | Replaced and Replacement   | Components   |                                     |   |                                    |   |                           |
| Name of<br>Component  | Name of Manufacturer   | Mfrs.<br>Serial No.                                    | Nat<br>Brd<br>No                    | Other<br>ID   | Yr<br>Blt                          | Repair,<br>Replaced or<br>Replacement                           | Code<br>Stamped<br>Yes/No |
| 12" Rockwell International  | Rockwell International   | Unknown  | N/A                                 | 2-2301-74   | NIA                                | Replaced  | NO                        |
| Stop Check Value Disc   |  |  |                                     |   |                                    |   |                           |
|   |  |  |                                     |   |                                    |   |                           |
| 12" Rockwell International  | Rockwell International   | N/A  | N/A                                 | 2-2301-74   | N/A                                | Replacement   | NO                        |
| Stop Check Valve Disc   |  |  |                                     |   |                                    |   |                           |
|   | ·  |  |                                     |   |                                    |   |                           |
| 7. Description of work: Replaced CX+S+<br>ASS-cmbly.  | ing disc (due to   | cracked :  | tack u                              | xld at stcm-to  | - disc                             | ) with na   | Ν                         |
| 8. Test Conducted: Hydrostatic [ ] Pro  | cumatic [ ] Nominal Ope  | rating Pressure  | ( ) N                               | lot Applicable 🔯  |                                    |   |                           |
| Test PressureN/   | A psig Test Tempers  | iture N/A  | _•F                                 |   |                                    |   |                           |
| 9. Remarks: Replaced existing p<br>cracked tack weld which  | olug with spare<br>coused seat dug t   | pluy as  | time-s                              | aving measure.  | Exist<br>in fz                     | ing plug h  | ad a                      |
|   | 1-5.45   |  |                                     |   |                                    |   |                           |
| We certify that the statements made in thi Signed: 1000 (Owner or Owner's Design  | e report are correct and this  | ificate of Comp<br>Replacem<br>(Repair or<br>ordinator | +nt                                 | Conforms to Section ment) , 19 9/5  | XI of th                           | e ASME Code.  |                           |
|   |  |  |                                     |   |                                    |   |                           |
|   | •  | tificate of Insp                                       |                                     |   |                                    |   |                           |
| 1, the undersigned, holding a valid commit 1/11/14/0/5, employed by 1/1   | 613 14/6A of   | HART FOR   | <u>ev, c</u>                        | having inspected the  | Repla                              | ecment.   | -                         |
| described in this report on 3-14 accordance with Section XI of the ASME implied, concerning the repair or replacer for any personal injury or property damage | Code. By signing this certifuent described in this report. see or a loss of any kind arising | icate neither the<br>Furthermore,<br>ng from or cont   | e inspect<br>neither t<br>nected wi | or nor his employer makes a<br>he inspector nor his employ<br>th this inspection. | ment has<br>any warr<br>er shall b | s been constructed<br>anty, expressed or<br>be liable in any ma | inner                     |
| Date: 3-14-96 Inspector:  | Hotel I fa   | ing  | Com                                 | nissions: <u>// 932</u><br>(State or Pro  |                                    | THAN SOUND  | <u> </u>                  |

|   |  |                               |                                  |   |                   |                                       | and the second            |
|---|--|-------------------------------|----------------------------------|---|-------------------|---------------------------------------|---------------------------|
| Owner: Commonwealth Edison Company     One First National Plaza, Chicago  |  | s)                            |                                  | D   | ate:              | 10/11/94                              |                           |
| Plant: Dresden Nuclear Power Star   | · · · · · · · · · · · · · · · · · · ·                    | •                             |                                  | SI  | neet: <u>1</u>    | Of _1                                 |                           |
|   |  | (Address)                     | )                                |   |                   | Unit:2                                |                           |
| 3. Work Performed By: <u>Commonwealth Edi</u>   | son Co. (Nam   | ne)                           |                                  | NWR # D27598  | Z                 | -94-014                               |                           |
| 6500 North Dresden  | Rd. Morris III., 60450                                   | (Add                          | ress)                            | Repair Organization P.O.                                | No., Jo           | ob No. etc.                           |                           |
| . Identification of System: 0200  |  | - <del></del> `               | •                                | •   |                   |                                       |                           |
| ASME Sec  | tion I 196   |                               | - NY/A                           |   | <b></b>           |                                       |                           |
| (a) Construction Code B31.1.0.  | 14   |                               |                                  | Addenda, Code Case                                      |                   |                                       |                           |
| (b) Edition of Section XI used for Repo   | air/Replacement 19 <u>89</u>                             | Edition,                      | <u>N/A</u>                       | _ Addenda, Code Cases _                                 | <u>N/A</u>        | <del></del>                           |                           |
| . Identification of Components Repaired or R  | eplaced and Replacemen                                   | t Componen                    | ts                               | <del>~~~</del>  | т—                | <del>=</del>                          |                           |
| Name of<br>Component  | Name of<br>Manufacturer                                  | Mfrs.<br>Serial<br>No.        | NatBrd<br>No                     | Other<br>ID   | Yr<br>Blt         | Repair,<br>Replaced or<br>Replacement | Code<br>Stamped<br>Yes/No |
| FLANGE FOR SAFETY R/V 2-203-4C  | UNKNOWN  | N/A                           | N/A                              | FLANGE FOR 2-203-<br>4C SAFETY VALVE                    | N/A               | REPAIR                                | NO                        |
| No.   | ,  |                               |                                  |   |                   |                                       | <del></del>               |
|   |  |                               |                                  |   |                   |                                       |                           |
|   |  |                               |                                  |   |                   |                                       |                           |
|   |  | <u> </u>                      |                                  |   |                   |                                       |                           |
|   | <u> </u>   |                               |                                  |   |                   |                                       | · · - ·                   |
| . Description of work: WELD PAI   | - <i>C</i> 2 12 1  | <del>ا</del><br>ص . د .       | <del></del>                      | <u> </u>  | <del></del>       |                                       |                           |
| . Description of work: Security EPAT  | C ORDAG IN   | LHNE                          | 5 5                              |   |                   |                                       |                           |
| Test Pressure 920   | psig Test Temper   | rature                        | °F                               | Not Applicable [ ]                                      | Rclie             | f Request                             | PR-0                      |
|   | C  | 41° - 4 - 6 °                 |                                  |   |                   |                                       |                           |
| We certify that the statements made in this r   | Cer<br>eport are correct and this                        |                               | <u>ir</u>                        | Conforms to Sectio                                      | n XI of           | the ASME Code                         |                           |
| Signed: Mindan J. Custo<br>(Owner or Owner's Designed)  | ISI Cool   | dinator                       | ir or Replace<br>// /2-<br>(Date | ·5 ,19 <u>95</u>  |                   |                                       |                           |
|   | Cea  | rtificate of I                | nspection                        |   |                   |                                       |                           |
| I, the undersigned, holding a valid commissi<br><u>ゴレイパの1ケ</u> , employed by <u>ドラ</u>  | on issued by the National $\frac{5/4/60}{}$ of           | Board of B                    | oiler and Pre                    | essure Vessel Inspectors an having inspected the        | Re                | pair                                  |                           |
| described in this report on 12 19 19 19 accordance with Section XI of the ASME Complied, concerning the repair or replacement | de. By signing this certing the described in this report | ificate neithe<br>. Furthermo | r the inspect<br>ore, neither t  | or nor his employer makes<br>he inspector nor his emplo | ement h<br>any wa | rranty, expressed                     | ed in<br>or               |
| for any personal injury or property damage of Date: 12-15-95 Inspector:   | Rout T. Ka   | ing from or o                 | connected wi                     | th this inspection. $\frac{11932/h}{2}$                 | 137               | 742 N15L                              | 3                         |
| ·   |  |                               |                                  | ( Lte or Pro  | ovince,           | National Board)                       |                           |

| 1. Owner        | r: ComEd Company                         | (Name)  |                                       |                  |                                       | Date: _     | 3/23/96                                   |                           |
|-----------------|--|---|---------------------------------------|------------------|---------------------------------------|-------------|---|---------------------------|
|                 |  | al Plaza, Chicago IL, 60690   |                                       |                  |                                       |             | Sheet: _ 1                                | Of <u>1</u>               |
| 2. Plant:       |  | lear Power Station (I<br>resden Road, Morris IL., 604               |                                       | ddress)          |                                       |             | Unit:                                     | 2                         |
| 3. Work         | Performed By: <u>BECI</u>                | HTEL CONSTRUCTORS   | (Nan                                  | ne)              | WR #                                  | 940094890   | PLAN 2-94-019<br>rganization P.O. No., Jo | h Wo oto                  |
|                 | GAITH                                    | HERSBURG, MD  | (Add                                  | iress)           |                                       | Repair O    | rgamzanon P.O. No., Jo                    | b No. etc.                |
| 4. Identif      | ication of System:                       | 0205 REACTOR HEAD SP  | RAY                                   |                  |                                       |             |   | •                         |
| 5. (a)<br>(b)   | Construction Code                        | USAS B31.1.0 • I used for Repair/Replacement                        | . 19 67 Edit                          | ion, N           | NO Addenda,                           | Code Case   | es <u>NONE</u><br>ases <u>NONE</u>        |                           |
|                 | fication of Components                   | Repaired or Replaced and R  | eplacement Comp                       | onents           | . Addend                              | a, code c   | ascs NONE                                 |                           |
|                 | Name of                                  | N   | 16                                    | N-4              | Other                                 | Va          | Parair                                    | Codo                      |
|                 | Name of<br>Component                     | Name of Manufacturer  | Mfrs.<br>Serial No.                   | Nat<br>Brd<br>No | Other<br>ID                           | Yr<br>Blt   | Repair,<br>Replaced or<br>Replacement     | Code<br>Stamped<br>Yes/No |
| 2½" C           | SATE VALVE                               | CRANE VALVE   | UNKNOWN                               | N/A              | 2-0205-24                             | N/A         | REPLACED                                  | NO                        |
| 21½" C          | GATE VALVE                               | ANCHOR/DARLING<br>VALVE   | ET-802-5-1                            | N/A              | SI #813H26                            | 94          | REPLACEMENT                               | NO                        |
|                 |  |   |                                       |                  |                                       |             |   |                           |
| ç5 <sup>,</sup> |  |   |                                       |                  | 434                                   |             |   |                           |
| <u> </u>        |  |   | · · · · · · · · · · · · · · · · · · · |                  |                                       |             |   |                           |
|                 |  |   |                                       |                  |                                       |             |   |                           |
| 7. Descri       | ption of work: Replac                    | ced existing gate valve with d                                      | ouble disc gate v                     | alve in o        | order to meet require                 | ements of ( | Generic Letter 89-10. Al                  | l work was performe       |
|                 | ance with Plant Chang                    |   |                                       |                  |                                       | C           | <del>-</del> .                            |                           |
| 8. Test C       | fonducted: Hydrostati                    |   | • •                                   |                  | re [X ] Not App                       |             |   |                           |
| O. D            | des Name                                 | rest Pressure   | <u> </u>                              | rest ren         | nperature 200_                        | T           |   |                           |
| 9. Remar        | ks: None.                                | - ·   |                                       |                  |                                       | -           |   |                           |
|                 |  |   |                                       |                  | · · · · · · · · · · · · · · · · · · · |             |   |                           |
|                 |  | <del></del>   |                                       |                  |                                       |             |   |                           |
| We ce           | rtify that the statements                | s made in this report are corr                                      | Certificate<br>ect and this REPI      | of Con<br>LACEM  | ipliance<br>ENT Conforms to S         | Section XI  | of the ASME Code.                         |                           |
| Signed          | : 13rendar                               | vner(s Designee)  | SI COORDINATO                         | OR _             | 3-23 . 19                             | 96          |   |                           |
|                 | (Owner or Ow                             | vner& Designee) //  | (Title)                               |                  | (Date)                                |             |   |                           |
|                 |  |   |                                       |                  |                                       |             |   |                           |
|                 |  |   | Certificate                           | e of Ins         | pection                               |             |   |                           |
| I, the t        | undersigned, holding a                   | valid commission issued by<br>team and Boiler Insurance an          | the National Boar                     | d of Boi         | iler and Pressure Ve                  | ssel Inspec | tors and the State or Pro                 | vince of Illinois,        |
| describ         | ed in this report on 2                   | 1996 and started and started and started of the ASME Code. By signi | ite to the best of i                  | ny knov          | vledge and belief, th                 | is repair o | r replacement has been o                  | onstructed in             |
| implied         | <ol> <li>concerning the repai</li> </ol> | ir or replacement described in                                      | this report. Fur                      | thermore         | e, neither the inspec                 | tor nor his | employer shall be liable                  | in any manner for         |
| 11 ' '          | rsonal injury or proper $3-29-96$ Ins    | rty damage or a loss of any k                                       | life arising from the                 | or conne         |                                       |             | NID7742NIED                               |                           |
| Date:           | 1 2 2 16 lns                             | spector: $rru(//$   | runer)                                |                  | Commissions                           |             | NB7742NISB<br>or Province, National B     | oard)                     |
| 11              |  |   |                                       |                  |                                       |             |   |                           |

#### ATTACHMENT 1

#### NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

DAP 11-18 REVISION 06 ·

| Owner: ComEd One First National Plaza. Chicag   | zo IL60690   |   |   |  | e: <u>1-2</u>                                       |   |                        |
|---|--|---|---|--|---|---|------------------------|
| Plant: <u>Dresden Nuclear Power Staion</u><br>6500 N. Dresden Road, Morris  |  |   |   | Sne  |   | Of1<br>nit:2  |                        |
| Work Performed By: Bechtel Construct  |  | (Name)  |   | _940097221 Plan 2-94                                       |   |   |                        |
|   | D 20877  |   |   |  |   | No., Job No. etc  | <b>.</b> .             |
| Identification of System: 1500 LPCI   |  | •   |   |  |   |   |                        |
| (a) Construction Code ASME Sec<br>(b) Edition of Section XI used for Repai  | tion III 19 <u>77</u>  | Edition, _ <u>\$79</u>  | _ Adden   | da, Code Cases <u>NO</u><br>le Cases <u>NO</u>             |   |   |                        |
| Identification of Components Repaired of  |  |   |   |  |   |   |                        |
| Name of<br>Component  | Name of Manufacturer   | Mfrs.<br>Serial No.   | Nat<br>Brd<br>No                                | Other<br>ID  | Yr<br>Blt   | Repair,<br>Replaced or<br>Replacement                   | Code<br>Stamp<br>Yes/N |
| Strut (Figure 211, Size 4 with 16 "<br>Pipe Clamp)  | Grinnell   | None  | N/A   | Support M-3214-03  | N/A   | Replaced  | No.                    |
| Strut (Figure 211, Size 6 with 16 "<br>Pipe Clamp)  | Grinnell   | None  | N/A   | Support M-3214-03  | N/A   | Replacement   | No                     |
|   |  |   |   |  |   | ļ   |                        |
|   |  |   | <u> </u>  |  |   |   |                        |
|   | ļ  |   | <u> </u>  |  |   |   | -                      |
|   |  | <u> </u>  | <u></u>   |  |   | <u></u>   |                        |
| Description of work: Modify support pe  Test Conducted: Hydrostati  |  | ominal Operating  | g Pressur                                       | re [ ] Not Applicable [X                                   |   |   |                        |
| Test Press  | sure psig To   | est Temperature   |   | °F   |   |   |                        |
| Remarks: Modified support in order  | to address extra weight place  | d on line due to  | o satisfy                                       | piping stress design basis                                 | requireme   | nts. This suppo   | rt was I               |
| proximately 6" from existing spot.  |  |   |   |  |   | <del></del>   |                        |
|   | -  |   |   |  |   |   |                        |
|   |  | tificate of Comp  |   |  |   |   |                        |
| We certify that the statements made in the  | -  |   |   |  | SME Coo   | ie.   |                        |
| Signed: <b>Stendard, Ca</b><br>(Owner or Owner's Design   | ISI Coordinator (Title)  | 1-23<br>(Date)  | , 19 <u>7</u>                                   | 6  |   |   |                        |
|   |  |   |   | =  |   |   |                        |
|   |  | 416 A 8 T   | -4!   | <del></del>  |   | _=  |                        |
|   |  | tificate of Inspe   |   | ssure Vessel Inspectors and                                | the State   | or Province of Ill                                      | inois,                 |
| I, the undersigned, holding a valid command employed by The Harrford Steam Bothis report on 1-25, 19 and an Section XI of the ASME Code. By sign repair or replacement described in this results. | oiler Insurance and Inspection<br>of state to the best of my knowing this certificate neither the<br>eport. Furthermore, neither the | Co. of Hartford<br>wledge and belie<br>inspector nor hi<br>he inspector nor | , Connect<br>f, this re<br>s employ             | pair or replacement has bee<br>ver makes any warranty, exp | REPLACI<br>n constructoressed or                    | EMENT describe<br>ted in accordance<br>implied, concern | with<br>ing the        |
| and employed by The Hartford Steam Bo<br>this report on 1-25, 19 fg an<br>Section XI of the ASME Code. By sign  | oiler Insurance and Inspection<br>of state to the best of my knowing this certificate neither the<br>eport. Furthermore, neither the | Co. of Hartford<br>wledge and belie<br>inspector nor hi<br>he inspector nor | , Connect<br>f, this re<br>s employ<br>his empl | pair or replacement has bee<br>ver makes any warranty, exp | REPLACI<br>in construc-<br>pressed or<br>manner for | EMENT describe<br>ted in accordance<br>implied, concern | with                   |

#### ATTACHMENT 1

#### NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

DAP 11-18 REVISION 06

| Owner: <u>ComEd</u> One First National Plaza, Chicago   | IL60690   |  |                                      | Da   | te: <u>1-2</u>                       | 3-96  |                         |
|---|---|--|--------------------------------------|--|--------------------------------------|---|-------------------------|
| Plant: Dresden Nuclear Power Staion   | <u>-</u>  |  |                                      | She  |                                      | Of _1_  |                         |
| 6500 N. Dresden Road. Morris J  | IL 60450  |  |                                      |  | Uı                                   | nit:2   |                         |
| Work Performed By: Bechtel Constructo   | DTS   | (Name)   |                                      | 940097221 Plan 2-94 Repair Organiz   |                                      | No., Job No. etc  |                         |
| Gaithersburg, MD  | 20877   | (Address)  |                                      |  |                                      | 1101, 100   |                         |
| Identification of System:1500 LPCI  | <del></del>   |  |                                      |  |                                      |   |                         |
| (a) Construction Code <u>ASME Secti</u><br>(b) Edition of Section XI used for Repair/<br>Identification of Components Repaired or   | Replacement 19 <u>89</u> Edition  | n, <u>NO</u> Adder   |                                      |  |                                      |   |                         |
| Name of<br>Component  | Name of Manufacturer  | Mfrs.<br>Serial No.  | Nat<br>Brd<br>No                     | Other<br>ID  | Yr<br>Blt                            | Repair,<br>Replaced or<br>Replacement                   | Cod<br>Stamp<br>Yes/I   |
| Rod hanger assembly (Figures 66, 230, 253, and 295)   | Grinnell  | None   | N/A                                  | Support M-3214-11  | N/A                                  | Replaced  | No                      |
| Strut (Figure 211, Size 2 with 16 "<br>Pipe Clamp)  | Grinnell  | None   | N/A                                  | Support M-3214-11  | N/A                                  | Replacement   | No                      |
| Baseplate (A-36 1/2" thick)   | Unknown   | HT #30238  | N/A                                  | Support M-3214-11  | N/A                                  | Replacement   | No                      |
| Baseplate (A-36 3/4" thick)   | Unknown   | HT #42315  | N/A                                  | Support M-3214-11  | N/A                                  | Replacement   | No                      |
| Tube Steel (A-500)  | Unknown   | HT<br>#T84232  | N/A                                  | Support M-3214-11  | N/A                                  | Replacement   | No                      |
| Description of work: Modify support per   | Minor Plant Change P12-2-   | 94-226   |                                      |  |                                      |   |                         |
| Test Conducted: Hydrostatic  Test Pressu  Remarks: Modified support in order to pase plate which the existing support did n   | re psig To  | ominal Operating est Temperature on line due to s  |                                      | °F   |                                      | The replacemen  | nt_suppx                |
|   |   |  |                                      |  |                                      |   |                         |
| We certify that the statements made in this Signed: (Owner or Owner's Design  | is report are correct and this  ISI Coordinator   | tificate of Comp<br>REPLACEMEN<br>1-23<br>(Date)   | NT Conf                              |  | ASME Coo                             | le.   |                         |
|   |   | rtificate of Inspe   | ection                               |  |                                      |   |                         |
|   | Cer   | -  |                                      |  |                                      |   |                         |
| I, the undersigned, holding a valid commit and employed by The Hartford Steam Boith this report on 125, 196 and Section XI of the ASME Code. By signing repair or replacement described in this reproperty damage or a loss of any kind arise | ission issued by the National iler Insurance and Inspection I state to the best of my knowing this certificate neither the port. Furthermore, neither the | Board of Boiler<br>Co. of Hartford<br>wledge and belief<br>inspector nor his<br>he inspector nor | . Connect<br>f, this rep<br>s employ | cticut having inspected the l<br>pair or replacement has bee<br>er makes any warranty, exp | REPLACI<br>n construct<br>pressed or | EMENT describe<br>ted in accordance<br>implied, concern | d in<br>with<br>ing the |

#### ATTACHMENT 1

#### NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

DAP 11-18 REVISION 06

| / Ulante Decadon Nivolage Dawas Ctaian   |   |                     |                  |  | Sh        | neet:1_ Of                            | <u>i_</u>                 |
|--|---|---------------------|------------------|--|-----------|---------------------------------------|---------------------------|
| <ol> <li>Plant: <u>Dresden Nuclear Power Staion</u></li> <li>6500 N. <u>Dresden Road</u></li> <li>Morris</li> </ol>  | IL., 60450  |                     |                  |  | Uı        | nit:2                                 |                           |
| Work Performed By: Bechtel Construct  Gaithersburg.  Identification of System: 1500 LPCI  (a) Construction Code ASME Sec (b) Edition of Section XI used for R Identification of Components Repaired of | MD 20877  tion III 19.77 Repair/Replacement 19.89 E | (Address            | _ Adden          |  | on P.O.   |                                       |                           |
| Name of<br>Component   | Name of Manufacturer                                | Mfrs.<br>Serial No. | Nat<br>Brd<br>No | Other<br>ID                                    | Yr<br>Blt | Repair,<br>Replaced or<br>Replacement | Code<br>Stamped<br>Yes/No |
| Pipe Support (A-36 Plate, 1/2" thick)  | Unknown   | Ht #30238           | N/A              | SI #779B98 M-3214-17                           | N/A       | Repair                                | No                        |
|  | <del> </del>  |                     | -                |  |           |                                       | _                         |
|  |   |                     |                  |  |           |                                       |                           |
|  | <u></u>   | <u> </u>            | <u> </u>         |  |           |                                       |                           |
| Remarks: <u>Modified support in order to a</u>   | Test Pressureaddress extra weight placed or         |                     |                  | Temperature °F  g stress design basis requirem | ents. A   | dded stiffener pla                    | tes to exis               |
|  |   |                     |                  |  |           |                                       |                           |
| W  | is report are correct and this                      |                     | rms to S         | ection XI of the ASME Code                     | -         |                                       |                           |
| Signed: Brendan J. C.  (Owner or Owner's Design  | ISLY ISI Coordinator (Title)                        | (Date)              | , 19 <u>.</u> 4  | <u></u>  |           |                                       |                           |
| Signed: Brendan J. a   | nee) / (Title)                                      |                     | -                | <u>-</u>                                       |           | <del></del>                           |                           |

| One That Mallon  | (Name)<br>nal Plaza, Chicago IL, 60690   | (Address)   |  | 1   | Date:   | 5/7/96<br>Sheet: 1 C   | of 1            |
|--|--|---|--|---|---|--|-----------------|
| 2. Plant: <u>Dresden Nuc</u><br>6500 North D   | clear Power Station (Presden Road, Morris IL., 604)  | Name)<br>450  | (Address   | s)  |   | Unit:2   |                 |
| B. Work Performed By: BEC  |  |   | (  | •   | 40097078  | (PLAN 2-94-023)  |                 |
|  | THERSBURG, MD 20877  |   | <b>:</b> )   |   |   | nization P.O. No., Job N   | o. etc.         |
|  | 1000 SHUTDOWN COOLI  |   | ,  |   |   |  |                 |
| _  |  |   | 9 67/65  | Edition NO/W66  | Addenda (   | Code Cases None  |                 |
| (b) Edition of Section $\bar{X}$   | USAS B31.1.0/ASME Secti<br>I used for Repair/Replacement   | nt 19 <u>89</u> E   | dition, _  | NO Addenda, (   | Code Case   |  | 16-1            |
| . Identification of Component  | ts Repaired or Replaced and F  | Replacement Cor   | mponents   | s   |   | BGC 7-23-96  |                 |
| Name of  | Name of Manufacturer   | Mfrs.   | Nat  | Other   | Yr  | Repair,  | Code            |
| Component  |  | Serial No.  | Brd<br>No  | ID  | Blt   | Replaced or Replacement  | Stampe<br>Yes/N |
| 16" GATE VALVE   | CRANE  | N/A   | N/A  | 2-1001-1A   | N/A   | REPLACED   | NO              |
| 16" GATE VALVE   | CRANE  | N/A   | N/A  | 2-1001-1B   | N/A   | REPLACED   | NO              |
| 16" PIPE (A106 Grade B, Sch. 80)   | UNKNOWN  | N/A   | N/A  | Line 2-1001B-16"-B  | N/A   | REPLACED   | NO              |
| 16" GATE VALVE   | ANCHOR DARLING   | ET-657-1-2  | N/A  | SI #810D84  | N/A   | REPLACEMENT  | NO              |
| 16" GATE VALVE   | ANCHOR DARLING   | ET-657-1-1  | N/A  | SI #810D84  | N/A   | REPLACEMENT  | NO              |
| 16" PIPE (A106 Grade B, Sch. 80)   | UNKNOWN  | HEAT<br>LOO410  | N/A  | SI #812H36  | N/A   | REPLACEMENT  | NO              |
| Description of work: Replace   | ed both inboard isolation valve  | s on Shutdown C   | Cooling s  | ystem per Plant Change P  | 12-2-94-2   | 75 to address past local lea   | ık rate test f  |
| ping pup piece was added on  | "B" line to accommodate va   | ive installation.   |  |   |   |  |                 |
| Test Conducted: Understa   | tic [ ] Pneumatic [ ] N  | lominal Operatii  | ng Pressi  | ure [X] Not Applica   | ble []  |  |                 |
| rest Conducted. Hydrostat  | Tost Processes 1   | 040 psig  | g Test   | Temperature 200   | _ °F  |  |                 |
| rest Conducted. Hydrostat  | Test Flessure  |   |  |   |   |  |                 |
|  | Crane gate valves with Anch  | or Darling doub   | ble disc p   | gate valves.  |   |  |                 |
|  |  | or Darling doub   | ble disc s   | gate valves.  |   |  |                 |
|  |  | or Darling doul   | ble disc s   | gate valves.  |   |  |                 |
| Remarks: Replaced existing   | Crane gate valves with Anch  | Certifica   | te of Co   | mpliance  |   |  |                 |
| Remarks: Replaced existing   |  | Certifica   | te of Co   | mpliance<br>MENT Conforms to Sect   |   | the ASME Code.   |                 |
| Remarks: Replaced existing  We certify that the statement Signed: Diendan  | ts made in this report are corr  | Certifica   | te of Cor  | mpliance  |   | the ASME Code.   |                 |
| Remarks: Replaced existing  We certify that the statement Signed: Diendan  | ts made in this report are corr  | Certifical ect and this RE  | te of Cor  | mpliance MENT Conforms to Sect 5-7 . 19 9   |   | the ASME Code.   |                 |
| Remarks: Replaced existing  We certify that the statement Signed: Diendan  | ts made in this report are corr  | Certifical<br>rect and this RE<br>SI COORDINA<br>(Title)  | te of Con<br>PLACEN<br>TOR   | mpliance<br>MENT Conforms to Sect<br>5-7<br>(Date)  |   | the ASME Code.   |                 |
| Remarks: Replaced existing  We certify that the statement  Signed: Owner or Ov   | ts made in this report are corr  | Certifica<br>ect and this RE<br>SI COORDINA<br>(Title)<br>Certifica   | te of Co<br>PLACEN<br>TOR  | mpliance MENT Conforms to Sect 5-7 . 19 9 (Date)  | 6<br>   |  |                 |
| Remarks: Replaced existing  We certify that the statement Signed: Owner or Over 1, the undersigned, holding a employed by The Hartford S   | ts made in this report are corrected by the strength of the st | Certifical rect and this REST COORDINA (Title)  Certificathe National Board Inspection Co   | te of Con<br>PLACEN<br>TOR<br>ate of Incard of Bo                      | mpliance MENT Conforms to Sect  5-7 (Date)  spection oiler and Pressure Vessel  | Inspector   | s and the State or Province the REPLACEMENT  |                 |
| Remarks: Replaced existing  We certify that the statement Signed: Owner or Ov  I, the undersigned, holding a employed by The Hartford Section XI of accordance with Section XI of accordan | ts made in this report are corrected by the results of the ASME Code. By significant and state of the ASME Code.   | Certificatect and this REST COORDINA (Title)  Certificate National Boat Inspection Coate to the best of the to the certificate the Section of the certificate the certificate the section of the certificate the certificate the section of the | te of Cor<br>PLACEN<br>TOR<br>ate of Ine                               | mpliance MENT Conforms to Sect 5-7 . 19 9 (Date)  spection oiler and Pressure Vessel tford, Connectictu having wledge and belief, this refer the inspector nor his en                 | Inspector g inspected epair or renployer management     | s and the State or Proving the REPLACEMENT splacement has been consakes any warranty, expressions. | tructed in      |
| Remarks: Replaced existing  We certify that the statement Signed: Owner or Ov  I, the undersigned, holding a employed by The Hartford S described in this report on accordance with Section XI of implied, concerning the repa   | ts made in this report are corrections. Cases Interest Designate)  a valid commission issued by Steam and Boiler Insurance and Steam and | Certificate the National Board Inspection Coate to the best of this certificate this report. Full Part of this report.  | te of Cor<br>PLACEN<br>TOR<br>ate of Invard of Bo. of Hart<br>f my kno | mpliance MENT Conforms to Sect  5-7 (Date)  spection oiler and Pressure Vessel fford, Connectictu having wledge and belief, this r the inspector nor his en re, neither the inspector | Inspector g inspected epair or re mployer manner his en | s and the State or Proving the REPLACEMENT splacement has been consakes any warranty, expressions. | tructed in      |

# DAP 11-18 REVISION 07

|  | (Name)<br>nal Plaza, Chicago IL, 60690   | (Address)   |   | Date:  |  | 96<br>Sheet: <u>1</u> _   | Of 1                           |
|--|--|---|---|--|--|---|--------------------------------|
| . Plant: Dresden Nuc<br>6500 North D   | clear Power Station (presden Road, Morris IL., 604)  | Name)<br>450  | (Address  | <b>;</b> )   |  | Unit:2  |                                |
| . Work Performed By:BEC  | HTEL CONSTRUCTION  | (1  | Name)   | WR 93005714  | 49 (PLAN                                 | N 2-95-001)   |                                |
| GAIT   | HERSBURG, MD 20877   | (   | Address)  | Repair   | Organizati                               | ion P.O. No., Job   | No. etc.                       |
| . Identification of System:  | 0202 REACTOR RECIRCU   | LATION  |   |  |  |   |                                |
| . (a) Construction Code  | USAS B31.1.0/ASME Secti  | on I , 19 67/6  | 55 Edition  | on, NO/W66 Addenda<br>NO Addenda, Code   | , Code Ca                                | ises NONE   |                                |
| <ul> <li>(b) Edition of Section X</li> <li>Identification of Component</li> </ul>  | •  | <u></u>   |   |  | Cases                                    | NONE  |                                |
| — — — — — —  | s Repaired of Replaced and I   | Ceptacement Col   | mponent.  | ·  |  | •   | ·                              |
| Name of<br>Component   | Name of Manufacturer   | Mfrs.<br>Serial No.   | Nat<br>Brd<br>No  | Other<br>ID  | Yr<br>Blt                                | Repair,<br>Replaced or<br>Replacement                                 | Code<br>Stamped<br>Yes/No      |
| LINE 2-0202B-28"-A   | N/A  | N/A   | N/A   | WELD 202-1B-D4   | N/A                                      | REPAIR  | NO                             |
|  |  |   |   |  |  |   |                                |
|  |  |   |   |  | <u></u>                                  | <u> </u>  |                                |
|  | - 0  |   |   |  |  |   |                                |
| ······································   |  |   |   |  |  | <u> </u>  |                                |
|  |  |   |   |  |  | ļ   |                                |
| Description of work: Perform   | ned weld overlay repair at ups   | tream of 2B reci  | rc pump   | to mitigate the potential for IGS  | CC,ensur                                 | e system integrity.   | All work perf                  |
| Description of work: <u>Performater Plant Change P12-2-94-2</u> Test Conducted:  | Hydrostatic [ ] Pneum  | raint support M   | -1157D-2<br>ninal Op  | erating Pressure [ ] Not A   |  |   | All work perf                  |
| nder Plant Change P12-2-94-2   | Hydrostatic [ ] Pneun  Test Pres   | raint support Monatic [ ] Norsure   | -1157D-2<br>ninal Op<br>osig T  | erating Pressure [ ] Not A   | pplicable                                | [X]   |                                |
| Test Conducted:  Remarks: Added a weld over your on 2-20-96 and found according to the second conduction of the second conduction on 2-20-96 and found according to the second conduction on 2-20-96 and found according to the second conduction of t | Hydrostatic [ ] Pneum  Test Pres  erlay to 28" cast stainless-to-c   | raint support Monatic [ ] Norsure   | -1157D-2 minal Op osig T d to miti  | erating Pressure [ ] Not A   | .pplicable<br>Overlay re                 | [X] epair area was exa  | mined during s                 |
| Test Conducted:  Remarks: Added a weld over your on 2-20-96 and found according to the second conduction.  | Hydrostatic [ ] Pneum  Test Pres  erlay to 28" cast stainless-to-c   | raint support Monatic [ ] Norsure   | -1157D-2 minal Op osig T d to miti  | erating Pressure [ ] Not A est Temperature °F  | .pplicable<br>Overlay re                 | [X] epair area was exa  | mined during s                 |
| Test Conducted:  Remarks: Added a weld over your on 2-20-96 and found according to the second conduction of the second conduction on 2-20-96 and found according to the second conduction on 2-20-96 and found according to the second conduction of t | Hydrostatic [ ] Pneum  Test Pres  erlay to 28" cast stainless-to-c   | raint support Monatic [ ] Nor sure [ ] sast stainless well is not required [  | ninal Oposig T  | erating Pressure [ ] Not A  est Temperature °F  gate the potential for IGSCC. on XI, IWA-4700(b) (3). This   | .pplicable<br>Overlay re                 | [X] epair area was exa  | mined during s                 |
| Test Conducted:  Remarks: Added a weld over on 2-20-96 and found accepted Letter 88-01.  We certify that the statement   | Hydrostatic [ ] Pneum Test Pres erlay to 28" cast stainless-to-cceptable although leakage test   | raint support Monatic [ ] Nor sure [ ] ast stainless well is not required [ ] Certifica ect and this RE   | ninal Oposig Tod to mitioner Section  | erating Pressure [ ] Not A  est Temperature °F  gate the potential for IGSCC, on XI, IWA-4700(b) (3). This  mpliance onforms to Section XI of the A              | overlay results weld is n                | [X]<br>epair area was exa<br>ow placed in inspe                       | mined during s                 |
| Test Conducted:  Remarks: Added a weld over on 2-20-96 and found acceneric Letter 88-01.  We certify that the statement  | Hydrostatic [ ] Pneum Test Pres erlay to 28" cast stainless-to-cceptable although leakage test   | raint support Monatic [ ] Nor sure [ ] ast stainless well is not required [ ] Certifica ect and this RE   | ninal Oposig Tod to mitioner Section  | erating Pressure [ ] Not A  est Temperature °F  gate the potential for IGSCC. on XI, IWA-4700(b) (3). This  mpliance   | overlay results weld is n                | [X]<br>epair area was exa<br>ow placed in inspe                       | mined during s                 |
| Test Conducted:  Remarks: Added a weld over on 2-20-96 and found acceptance Letter 88-01.  We certify that the statement   | Hydrostatic [ ] Pneum Test Pres erlay to 28" cast stainless-to-cceptable although leakage test   | raint support Monatic [ ] Nor sure [ ] rast stainless well is not required [ ] Certifica rect and this RE SI COORDINA (Title)   | ninal Oposig Tod to mitioner Section  | erating Pressure [ ] Not A  Pest Temperature °F  gate the potential for IGSCC.  on XI, IWA-4700(b) (3). This  mpliance onforms to Section XI of the A  5-7, 1996 | overlay results weld is n                | [X]<br>epair area was exa<br>ow placed in inspe                       | mined during s                 |
| Remarks: Added a weld over on 2-20-96 and found acceptance Letter 88-01.  We certify that the statement Signed: Owner or | Hydrostatic [ ] Pneum Test Pres erlay to 28" cast stainless-to-ceptable although leakage test as made in this report are corr where s Designee)  I valid commission issued by steam and Boiler Insurance an and state to the best of my knowning this certificate neither the steport. Furthermore, neithe | raint support Monatic [ ] Nor sure [ ] Nor sure [ ] Sast stainless well is not required [ ] Certificatect and this RE SI COORDINA* (Title)  Certificathe National Bod Inspection Coowledge and bela inspector nor for the inspector or for the inspector | ninal Op osig T d to mitti per Section te of Co PAIR Co TOR ate of In ard of Be of Han ief, this is emploior his et | erating Pressure [ ] Not A  Pest Temperature °F  gate the potential for IGSCC. On XI, IWA-4700(b) (3). This  mpliance onforms to Section XI of the A  5-7, 1996  | ectors and ected the n constructors or i | the State or Prov REPAIR describe ted in accordance mplied, concernin | ince of Illinois in this repor |

# DAP 11-18 REVISION 07

| 1. Owner: ComEd Company One First Nation  | (Name) al Plaza, Chicago IL, 606   | 90 (Address)   |   | 1  | Date: <u>5-2</u>                                 | 9-96   |  |
|---|--|--|---|--|--|--|--|
| 2. Plant: Dresden Nuc   | clear Power Station  | (Name)   |   |  |  | Sheet: 1 Of  | 1  |
| 6500 North D  | resden Road, Morris IL.,   | 60450 (Address)  |   |  |  | Unit: 2  | _  |
| 3. Work Performed By: Same  | e as Above   | (Name)   |   | WR 94  | 10094875 ()<br>epair Organia                     | PLAN 2-95-002)<br>zation P.O. No., Job No.                                   | etc. ·                                   |
| Same  | as Above   | (Address)  |   |  | - Fundament                                      | ······································                                       |  |
| 4. Identification of System:  |  | <del></del>  |   |  |  |  | •  |
| 5. (a) Construction Code _ (b) Edition of Section X   | ASME Section III II used for Repair/Replace  | <u>♥</u> , 19 <u>65</u> Edition  | on, <u>S66</u><br>lition,                       | 6 Addenda, Code Ca<br>NO Addenda, Code C   | ises <u>NONE</u><br>Cases N                      | ONE  |  |
| 6. Identification of Component  |  |  |   |  |  |  |  |
| Name of<br>Component  | Name of<br>Manufacturer  | Mfrs.<br>Serial No.  | Nat<br>Brd<br>No                                | Other<br>ID  | Yr<br>Blt  | Repair,<br>Replaced or<br>Replacement  | Code<br>Stamped<br>Yes/No                |
| 6" CONSOLIDATED<br>SAFETY VALVE   | CONSOLIDATED   | BK6530   | N/A   | 2-0203-4H  | N/A  | REPLACED   | NO                                       |
| <u> </u>  |  | <del> </del>   |   |  |  | ļ  |  |
| 6" CONSOLIDATED SAFETY VALVE  | CONSOLIDATED   | BK6304   | N/A   | SI #501G89   | N/A  | REPLACEMENT  | NO                                       |
| <u> </u>  | <u></u>  | <u> </u>   | <u></u>   |  |  |  | <u> </u>                                 |
| 7. Description of work: Repla   | iced existing main steam s   | afety valve (1250 se   | t point) y                                      | with rebuilt spare,  |  |  |  |
| 8. Test Conducted: Hydrostat  | tic [ ] Pneumatic [ ]  | Nominal Operating  | e Pressu  | re [ X] Not Applicat   | ole f ]  |  |  |
|   |  |  | _   | mperature <u>200                                   </u>  |  |  |  |
| 9. Remarks: Removed valve   | •  |  |   | • —  | ned to Stores                                    | s as spare stock.  |  |
|   |  |  |   |  |  |  |  |
| We certify that the statement   | s made in this report are c  | Certificate  |   |  | ion XI of the                                    | ASMF Code  |  |
| Signed: Brenda  | 1.   |  |   |  |  | Abine code.  |  |
|   | wner's Designee)   | (Title)  | <u>~~</u> _                                     | <u>5-29</u> , 19 <u>9</u><br>(Date)  | _  |  |  |
|   |  |  |   |  |  |  |  |
|   |  | Certificat   | e of Ins  | pection  |  |  | i  |
| I, the undersigned, holding a employed by The Hartford S this report on 6-20 Section XI of the ASME Cocrepair or replacement describ property damage or a loss of | team and Boiler Insurance, 19 <b>GL</b> and state to the learning this certification of the learning this certification of the learning this report. Further | e and Inspection Co.<br>best of my knowledge<br>cate neither the insper<br>more, neither the ins | of Hartf<br>ge and be<br>ector nor<br>spector n | ord, Connectictu having<br>elief, this repair or repla<br>his employer makes are<br>nor his employer shall b | g inspected the<br>acement has be<br>y warranty, | ne REPLACEMENT des<br>been constructed in accor<br>expressed or implied, con | cribed in<br>rdance with<br>ncerning the |
| Date: 6-20-96 Ins   | · //   | IT leve  |   | Commissions:   | IL932, NB7                                       | 742NISB  |  |
|   |  | <del></del>  | <del></del>                                     |  |  | ovince National Board)   | I  |

|   | <del></del>                  |                 |                       |                              |             |  | , ,,,,,,,,      |
|---|------------------------------|-----------------|-----------------------|------------------------------|-------------|--|-----------------|
| 1. Owner: Commonwealth Edison Compa   |                              |                 |                       | Ι                            | Date: _     | 1/21/95                                  |                 |
| One First National Plaza, Chic  |                              | )               |                       | s                            | heet:       | <u>lOf_1</u>                             |                 |
| Plant: Dresden Nuclear Power S<br>6500 No. Dresden Rd., M                           |                              | _ (Address)     | )                     |                              |             | Unit: 2                                  |                 |
| . Work Performed By: <u>Commonwealth E</u>  | dison Co (Nam                | e)              | 1                     | NWR # D29427                 |             | 2-95-00                                  | 3)              |
| 6500 North Dresde   | n Rd. Morris III., 60450     | (Add            | ress)                 | Repair Organization P.C      | ). No., J   | lob No. etc.                             |                 |
| Identification of System:1500   |                              |                 | ,                     |                              |             |  |                 |
| •   | , 1967                       | Trainin.        | - N/A                 | <br>Addenda, Code Cas        | N           | /4                                       |                 |
|   |                              |                 |                       |                              | -           |  |                 |
| (b) Edition of Section XI used for Re   |                              |                 |                       | _ Addenda, Code Cases _      | N/A         |  |                 |
| . Identification of Components Repaired or  | Replaced and Replacement     | t Component     | ts<br>T               |                              | <del></del> |  | <u> </u>        |
| Name of Component   | Name of<br>Manufacturer      | Mfrs.<br>Serial | NatBrd<br>No          | Other ID                     | Yr<br>Blt   | Repair,<br>Replaced or                   | Code<br>Stamped |
|   |                              | No.             | -                     |                              |             | Replacement                              | Yes/No          |
| 2B LPCI PUMP MINIMUM FLOW LINE.   | UNKNOWN                      | N/A             | N/A                   | LINE 2-1533B-2"-D            | N/A         | REPAIR Replacement                       | NO              |
|   |                              | \ <u></u>       | <del></del>           |                              | 1           |  |                 |
|   |                              |                 |                       |                              |             |  |                 |
|   |                              |                 |                       | <del></del>                  |             |  |                 |
|   |                              |                 |                       | <del></del>                  |             |  |                 |
|   | -                            |                 |                       |                              |             |  |                 |
| Tarkou b  |                              | <del> </del>    | <u> </u>              | P 10/7 D                     | -           | <u></u>                                  |                 |
| Description of work: Install temp<br>(Temp Alt IF-01-95)                            | PERLY ALTERATION             | 70 SU           | PPOIL 2               | D LICE TUMP                  | MOTO        | c repairs                                |                 |
| •   | umatic [ ] Nominal Ope       | erating Press   | sure H 1              | Not Applicable [ ]           |             |  |                 |
| Test Pressure Norma   |                              |                 | . `                   |                              |             |  |                 |
| Remarks: Temporary 21teration   | <del></del> -                |                 |                       | D 4 ba 15                    | . 1.,       | 2010.1                                   |                 |
|   | WR D22021                    | CP CIF C        | Dun                   | TUMP MOTOR U                 | n a cr      | SU day -                                 | د, ب            |
|   |                              |                 |                       | ·                            |             |  |                 |
| <del></del>   | Cer                          | tificate of C   | ompliance             |                              | <del></del> |  |                 |
| We certify that the statements made in this   | report are correct and this  | Replace         | ement                 | Conforms to Section          | on XI of    | f the ASME Code.                         |                 |
| Signed: Brendan C. Cas  | es ISI Coo                   | rd in 2/20      | ir or Replace<br>12-5 | ment)<br>, 19 <b>.75</b>     |             |  |                 |
| (Owner or Owner's Design  | ee (Title                    | e)              | (Date                 | e)                           |             |  |                 |
|   |                              | <del></del>     | <del></del>           |                              |             |  |                 |
|   | Cer                          | rtificate of I  | nspection             |                              |             |  |                 |
| I the undersigned holding a valid commis  | sion issued by the National  | l Roard of R    | oiler and Pre         | essure Vessel Inspectors a   | nd the S    | tate or Province of                      | F               |
| I, the undersigned, holding a valid commis  | B/+/C6 of                    | HART            | FORD, C               | having inspected the         | e Reg       | dacement                                 | <u> </u>        |
| described in this report on /2-29   | 19 94 and state to the ber   | st of my kno    | wledge and            | belief, this repair or repla | cement      | air or Replacement<br>has been construct | ed in           |
| accordance with Section XI of the ASME ( implied, concerning the repair or replacem | ent described in this report | . Furthermo     | ore, neither t        | he inspector nor his empl    |             |  |                 |
| for any personal injury or property damage  |                              |                 |                       |                              |             |  | <b>-</b> -      |
| Date:/2 - 29 - 44 Inspector:  | en / para                    | <u>~</u>        | Com                   | nissions: <u>// 932</u>      | N/3         | National Roams                           | 58              |
| •   |                              | •               |                       | (State of F                  | iovince,    | (National Boats)                         |                 |

Docuet 14

DAP 11-18 REVISION 05

| 1. Owner: Commonwealth Edison Company  | (Name)  |                               |                                | D   | ate:   | 1/21/95                                 |  |
|--|---|-------------------------------|--------------------------------|---|--|---|--|
| One First National Plaza, Chicago  | o IL, 60690 (Address)                                     | )                             |                                |   |  | Of _1                                   | <del></del>                                  |
| 2. Plant: <u>Dresden Nuclear Power Stat</u> 6500 No. <u>Dresden Rd.</u> , Mon                  |   | (Address)                     |                                | 224   |  | Unit:2                                  | <u>.                                    </u> |
| 3. Work Performed By: Commonwealth Edis  | on Co. (Nam   | e)                            | 1                              | D 2202(<br>NWR # <del>- D2942T</del>                    | Plan   | 2-96-00                                 | <u></u><br>23                                |
| •  | Rd. Morris III., 60450                                    | (Addı                         | ress)                          | Repair Organization P.O                                 | . No., J                                     | ob No. etc.                             |  |
| 4. Identification of System: 1500  |   |                               |                                |   |  |   | •  |
| 5. (a) Construction Code <u>B31.1.0</u>  | 1967  | Editior                       | ı, <u>N/A</u>                  | Addenda, Code Case                                      | es <u>N</u> /                                | A                                       |  |
| (b) Edition of Section XI used for Reps  |   |                               |                                |   |  |   | <del></del>                                  |
| dentification of Components Repaired or R  | eplaced and Replacement                                   | t Component                   | s                              |   |  |   |  |
| Name of<br>Component   | Name of<br>Manufacturer                                   | Mfrs.<br>Serial<br>No.        | NatBrd<br>No                   | Other<br>ID   | Yr<br>Blt                                    | Repair,<br>Replaced or<br>Replacement   | Code<br>Stamped<br>Yes/No                    |
| 2B LPCI PUMP MINIMUM FLOW<br>LINE, FLANGE.   | UNKNOWN   | D                             | N/A                            | CECO S.I. #504G29                                       | NA   | NEW                                     | NO   |
| 2B I.PCI PUMP MINIMUM FLOW<br>LINE, SUPPORT M-3394, U-BOLT                                     | NPS INDUSTRIES  | PUH-<br>020                   | N/A                            | CECO S.I. #793B93                                       | NA   | REPLACED                                | NO   |
| 2B LPCI PUMP MINIMUM FLOW<br>LINE, SUPPORT M-3394, U-BOLT                                      | GRINNELL  | 1378                          | N/A                            | CECO S.I. #790E92                                       | N/A  | REPLACE-<br>MENT                        | NO   |
|  |   |                               |                                |   |  |   |  |
|  |   |                               |                                |   | -  |   |  |
| ⊕ Hczt # 195 SNT, Se   | rizh Number N   | 5332-                         | 3-2,                           | <u></u>   |  |   |  |
| 7. Description of work: INSTALL NEW FLA  | NGE AND U-BOLT.   |                               |                                |   |  |   |  |
| •  | natic [ ] Nominal Ope                                     | _                             |                                | Not Applicable [ ]                                      |  |   |  |
| Test Pressure 166  | <del></del> -   |                               |                                | 0   |  |   |  |
| 9. Remarks: Temporary Alterati   | ion to support  | 2B L                          | PCI PU                         | mp Motor Kepzil   | <u>.                                    </u> |   |  |
|  |   |                               |                                | - <u>-</u>  |  |   |  |
| We certify that the statements made in this resigned: Bundan Cuses (Owner or Owner's Designed) | eport are correct and this                                | '(Donoi                       | ment                           | , 19 <b>%</b>   | on XI of                                     | the ASME Code                           |  |
|  | Co-   | tificate of I                 | enoction                       |   |  |   | ]  |
| I the undersigned holding a valid accomission  |   |                               | •                              | essure Vessel Inspectors or                             | nd tha Co                                    | ate or Province                         |  |
| I, the undersigned, holding a valid commissing   |   |                               |                                |   | Rena   | ir or Renlacemen                        | ıt) II                                       |
| described in this report on \( \frac{\int -l D}{\tau   | de. By signing this certi<br>it described in this report. | ficate neither<br>. Furthermo | r the inspect<br>re, neither t | or nor his employer makes<br>he inspector nor his emplo | cement h<br>s any wa                         | nas been construc<br>erranty, expressed | ted in<br>I o <del>r</del>                   |
| Date: Inspector:   | Kart T  | leve                          | Com                            | missions: 16.432  | NB<br>ovince                                 | 1742 No                                 | 4B   |

| . Owner: ComEd Company One First Nationa  | (Name)<br>al Plaza, Chicago IL, 6069 | 20 (Address)   |                  | Da   | ate: <u>6-20</u>   |                                       |                   |
|---|--------------------------------------|--|------------------|--|--------------------|---------------------------------------|-------------------|
| Plant: Dresden Nucl   | -                                    | (Name)   |                  |  |                    | Sheet: _1_ Of _ Unit: _2              |                   |
| . Work Performed By:  |                                      | , .  |                  | WR 940   | 0 <u>95744 (</u> Ŧ | Onit: PLAN 2-95-004)                  | •                 |
| • -   | rsberg MD 20877                      | _ , ,  |                  |  |                    | ation P.O. No., Job No.               | etc.              |
| . Identification of System:   | 0202 Reactor Recirculation           | <u>on</u>  |                  |  |                    |                                       |                   |
| (a) Construction Code <u>I</u> (b) Edition of Section XI                              | ISAS B31.1.0/ASME Sec                | tion I , 19 67/65<br>ment 19 89 Edi                              | Edition,         | <u>NO /S66</u> Addenda, Cod<br>NO Addenda, Code Case | e Cases            | NONE                                  |                   |
| . Identification of Components  |                                      |  |                  | ,              |                    |                                       |                   |
| <del></del>   | <del>.</del>                         | <del>-</del>   | <del></del>      | 1  | T                  | <del>T</del>                          | <del></del> _     |
| Name of<br>Component  | Name of Manufacturer                 | Mfrs.<br>Serial No.  | Nat<br>Brd<br>No | Other<br>ID  | Yr<br>Blt          | Repair,<br>Replaced or<br>Replacement | Co<br>Stan<br>Yes |
| "A" and "B" Recirc<br>Discharge Bypass Piping   | Unknown                              | None   | N/A              | Lines 2-0203A-4"-A<br>and 2-0203B-4"-A               | N/A                | REPLACED                              | NO                |
| 2 each 4" Sch. 80 Pipe<br>Capa  | Unknown                              | Heat No.<br>P2480  | N/A              | SI# 814G32   | N/A                | REPLACEMENT                           | NO                |
| 2 each 4" X 3" Sch. 80<br>Concentric Reducers   | Unknown                              | Heat No.<br>E7983  | N/A              | SI# 814A33   | N/A                | REPLACEMENT                           | NO                |
| 2 each 3" 900# Pipe<br>Flanges  | Unknown                              | Heat No.<br>24313  | N/A              | SI# 814D32   | N/A                | REPLACEMENT                           | NO                |
| 2 each 3" 900# Pipe<br>Flanges  | Unknown                              | Heat Code<br>C4433   | N/A              | SI# 814E32   | N/A                | REPLACEMENT                           | NO                |
| %"-9 A193 Grade B7<br>Flange Studs  | Unknown                              | None   | N/A              | SI# 500E53   | N/A                | REPLACEMENT                           | NO                |
| %"-9 SA 194 Grade 2H<br>Hex Nuts  | Unknown                              | Heat 8898273<br>Heat Code H2                                     | N/A              | SI# 766H18   | N/A                | REPLACEMENT                           | NO                |
| Description of work: Remove 112-2-91-005. Removal of pip. Test Conducted: Hydrostatic | ing also including demoliti          | ion associated suppor  | rts and re       | emoval of MOVs 2-0202-                               | 7A and 2-02        | talled caps/decon flanges<br>202-7B.  | per Moo           |
|   | Test Pressure                        | 1040psig   | Test Ter         | mperature <u>200</u> °F                              |                    |                                       |                   |
| Remarks: Both bypass line:<br>etter 88-01. Maximum carbon                             |                                      |  | Replace          | ement welds were perform                             | ed using he        | eat sink welding as presc             | ribed in          |
| We certify that the statements Signed: (Owner or Ow                                   | 1 /                                  | Certificate<br>orrect and this REPL<br>ISI COORDINATO<br>(Title) | ACEME            |  | XI of the A        | ASME Code.                            |                   |
|   | •                                    |  |                  |  |                    |                                       |                   |

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connectictu having inspected the REPLACEMENT described in this report on 6.76, 19 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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: <u>6-24-46</u> Inspector: _ | hut Tharing | Commissions: <u>IL932. NB7742NISB</u> (State or Province, National Board) |
|-----------------------------------|-------------|---|
|-----------------------------------|-------------|---|

| 1. O         | wner: ComEd Company                           |   |                             |  | 1   | Date:5-2          | 9-96  |                   |
|--------------|---|---|-----------------------------|--|---|-------------------|---|-------------------|
|              | One First Nation                              | al Plaza, Chicago IL, 606                                   | 90 (Address)                |  |   |                   | Sheet: 1 Of                                     | 1                 |
| 2. PI        | ant: Dresden Nuc<br>6500 North D              | clear Power Station<br>resden Road, Morris IL.,             | _ (Name)<br>60450 (Address) |  |   |                   | Unit: 2   |                   |
| 3. W         | ork Performed By: Same                        | e as Above  | (Name)                      |  |   |                   | PLAN 2-95-005)                                  |                   |
|              | Same  | as Above  | (Address)                   |  | R   | epair Organiz     | zation P.O. No., Job No.                        | etc.              |
| 4. Id        | entification of System:                       |   |                             |  |   |                   |   |                   |
| 5. (a        | ·   | ASME Section III  | —<br>• 10.65 Editio         | on 566   | Addenda Code Co                                 | see NONE          | ;   |                   |
| 3. (a<br>(b) | Edition of Section X                          | I used for Repair/Replace                                   | ment 19 <u>89</u> Edition   | lition,  | NO Addenda, Code Ca                             | Cases NONE        | ONE   |                   |
| 6. Id        | entification of Component                     | s Repaired or Replaced an                                   | d Replacement Com           | ponents  | •   |                   |   |                   |
|              | <del></del>                                   | <del></del>   | <del></del>                 | <del></del>                                      | <del></del>                                     |                   | <del></del>                                     |                   |
|              | Name of                                       | Name of   | Mfrs.                       | Nat  | Other   | Yr                | Repair,   | Code              |
|              | Component                                     | Manufacturer  | Serial No.                  | Brd<br>No  | ID  | Blt               | Replaced or Replacement                         | Stamped<br>Yes/No |
| 31           | CONSOLIDATED                                  | CONSOLIDATED  | BK6288                      | N/A  | 2-0203-4H                                       | N/A               | REPLACED  | NO                |
|              | <u></u>                                       | · <del> </del>  | 1                           |  |   | <u> </u>          |   | ·                 |
| -            |   |   | 1                           | <del>                                     </del> |   | <del></del>       |   |                   |
| -            |   | -   |                             |  |   |                   | <del> </del>                                    |                   |
| - 11         | CONSOLIDATED<br>AFETY VALVE                   | CONSOLIDATED  | BK7162                      | N/A  | SI #501G89                                      | N/A               | REPLACEMENT                                     | NO                |
|              | <del>-</del>                                  |   |                             |  |   |                   |   |                   |
| Щ.           | <del></del>                                   | <del></del>   | <u> </u>                    |  | <del></del>                                     | <del></del>       | <u> </u>  | <del></del>       |
| 7. D         | escription of work: <u>Repla</u>              | aced existing main steam s                                  | afety valve (1260) se       | t point) v                                       | with rebuilt spare.                             | <del></del>       |   | <del></del>       |
| 8 Te         | est Conducted: Hydrostat                      | tic [ ] Pneumatic [ ]                                       | Nominal Operating           | Pressur  | re [ X] Not Applicat                            | nle []            |   |                   |
| )            | ar conducted. Try drossus                     | • •   | •                           | =  |   |                   |   |                   |
|              |   |   |                             |  | mperature 200 "F                                |                   |   |                   |
| 9. Re        | emarks: Removed valve                         | (Serial Number BK6288)                                      | will be rebuilt by Mo       | <u>echanical</u>                                 | Maintenance and retur                           | rned to Stores    | s as spare stock.                               |                   |
| ,            |   |   |                             |  |   |                   |   |                   |
|              |   |   | Certificate                 |  |   |                   |   |                   |
| W            | e certify that the statement                  | s made in this report are c                                 |                             |  |   |                   | ASME Code.                                      |                   |
| Sig          | gned: 4) MINOS                                | and J. Assey  | ISI COORDINAT<br>(Title)    | OR _   | $\frac{5-29}{\text{(Date)}}$ , 19 $\frac{9}{9}$ | <u>e</u> _        |   |                   |
|              |   |   | (11110)                     |  |   |                   |   | <u></u> ]         |
|              |   |   |                             |  |   |                   |   |                   |
|              |   |   | Certificat                  | e of Insp  | pection   |                   |   |                   |
| I.           | the undersigned, holding a                    | valid commission issued                                     | by the National Boa         | rd of Boi  | ler and Pressure Vesse                          | l Inspectors a    | and the State or Province                       | of Illinois,      |
| em<br>thi    | iployed by The Hartford S<br>s report on 6-20 | team and Boiler Insurance, 19 % and state to the            | and Inspection Co.          | of Hartfe<br>e and be                            | ord, Connectictu having                         | g inspected thace | ne REPLACEMENT des<br>been constructed in accor | cribed in         |
| Se           | ction XI of the ASME Coc                      | de. By signing this certific<br>ped in this report. Further | cate neither the inspe      | ector nor  | his employer makes ar                           | iy warranty,      | expressed or implied, co                        | ncerning the      |
| pro          | operty damage or a loss of                    | any kind arising from or                                    | connected with this         | inspectio  | n.  | ic name in an     | y mainter for any person                        | ar injury or      |
| Da           | ite: 6-20~96 Ins                              | spector: Mut  | Thany                       |  | Commissions:                                    | IL932, NB7        | 742NISB   |                   |
|              |   | t   | /-/                         |  |   | (State or Pre     | ovince, National Board)                         | - — II            |

#### DAP 11-18 REVISION 07

Commissions: IL932, NB7742NISB (State or Province, National Board)

| 1. Owner: ComEd One Fi        |                                       | Plaza, Chicago IL, 6069                       | on (Address)                    |  | Ι                                 | Date: <u>5-2</u> | 9-96   |                 |
|-------------------------------|---------------------------------------|---|---------------------------------|--|-----------------------------------|------------------|--|-----------------|
|                               |                                       |   |                                 |  |                                   |                  | Sheet: 1 Of  | _1_             |
| 2. Plant: Dre 6500            | esden Nucie<br>O North Dre            | ear Power Station<br>sden Road, Morris IL., 6 | _ (Name)<br>60450 _ (Address)   |  |                                   |                  | Unit: 2  | _               |
| 3. Work Performed I           | By: <u>Same</u> :                     | as Above                                      | (Name)                          |  | WR 94                             | 0093991 (1       | PLAN 2-95-006)                                       |                 |
|                               | Same as                               | Above   | (Address)                       |  | Ke                                | pair Organiz     | zation P.O. No., Job No.                             | etc.            |
| 4. Identification of Sy       |                                       |   | <del></del> `                   |  |                                   |                  |  |                 |
|                               |                                       | SME Section III_                              | - 10.45 Editi                   | 966  | * Adondo Code Co                  | NONE             | •  |                 |
| (b) Edition of                | Section XI                            | used for Repair/Replacer                      | nent 19 <u>89</u> Ed            | on, <u> </u>                                     | NO Addenda, Code C                | ases N           | ONE  | <u> </u>        |
| 6. Identification of C        | omponents                             | Repaired or Replaced and                      | i Replacement Com               | ponents  | •                                 |                  | •  |                 |
| Name of                       | <del></del>                           | Name of                                       | Mfre                            | Not  | Other                             |                  | Panair   | Code            |
| Name of Componer              |                                       | Name of<br>Manufacturer                       | Mfrs.<br>Serial No.             | Nat<br>Brd                                       | Other<br>ID                       | Yr<br>Blt        | Repair,<br>Replaced or                               | Code<br>Stamped |
| <u> </u>                      |                                       |   | <del> </del>                    | No   |                                   |                  | Replacement  | Yes/No          |
| 6" CONSOLIDAT<br>SAFETY VALVE |                                       | CONSOLIDATED                                  | BK7157                          | N/A  | 2-0203-4Н                         | N/A              | REPLACED   | NO              |
| SAPELL VALUE                  |                                       |   | <del> </del>                    | <del>                                     </del> |                                   | <del> </del>     | <del> </del>   | +               |
| <b>]</b>                      |                                       |   | -                               | <del> </del>                                     | <u> </u>                          |                  | <del> </del>   | <del> </del>    |
|                               | e e e e e e e e e e e e e e e e e e e |   | ļ                               | <b>↓</b>   | ļ                                 |                  | <del> </del>   | <del> </del>    |
| 6" CONSOLIDAT<br>SAFETY VALVE |                                       | CONSOLIDATED                                  | BK6282                          | N/A  | SI #501G89                        | N/A              | REPLACEMENT  | NO              |
| SAPELL VALVE                  |                                       |   | <del> </del>                    | <del> </del>                                     |                                   |                  | <del> </del>   |                 |
| <u> </u>                      |                                       | <del></del>                                   | <u> </u>                        | <u> </u>   | <u> </u>                          | <u> </u>         | <u> </u>   |                 |
| 7. Description of wor         | rk: Replace                           | ed existing main steam sa                     | fety valve (1260 se             | t point) v                                       | with rebuilt spare.               |                  |  |                 |
|                               |                                       |   |                                 |  |                                   |                  |  |                 |
| 8. Test Conducted:            | Hydrostatic                           | [ ] Pneumatic [ ]                             | Nominal Operating               | g Pressur  | re [X] Not Applicab               | le [ ]           |  |                 |
|                               |                                       | Test Pressure                                 | 1040 psig                       | Test Ter   | mperature <u>200</u> "F           |                  |  |                 |
| 9. Remarks: Remov             | ved valve (S                          | Serial Number BK7157) v                       | vill be rebuilt by Me           | echa <u>nica</u> [                               | Maintenance and return            | ned to Stores    | s as spare stock.                                    |                 |
|                               |                                       |   |                                 |  |                                   |                  |  |                 |
|                               |                                       | ——————————————————————————————————————        | Cartificate                     |  | •                                 |                  | <del></del>  |                 |
| We certify that the           | statements                            | made in this report are co                    | Certificate orrect and this REP | LACEM  | ipliance<br>ENT Conforms to Secti | ion XI of the    | : ASME Code.   |                 |
| Signed : Bren                 | ndan.                                 | 1 Cuseur                                      |                                 |  |                                   |                  |  | ]               |
|                               | vner or Own                           | er's Designee)                                | (Title)                         | <u> </u>   | 5-29, 19 9<br>(Date)              | <b></b>          |  |                 |
| <u> </u>                      |                                       |   | <del></del>                     |  | <del></del>                       |                  | <del></del>  |                 |
|                               |                                       | <del></del>                                   |                                 |  | <del></del>                       | - <del></del>    | <del></del>  |                 |
|                               |                                       |   | Certificat                      | e of Insp  | pection                           | •                |  | ļ               |
|                               |                                       |   |                                 |  |                                   |                  | and the State or Province ne REPLACEMENT des         |                 |
| this report on 6.             | -2046.                                | 19 and state to the b                         | est of my knowledg              | ge and be  | elief, this repair or repla       | cement has l     | been constructed in accor                            | rdance with     |
|                               |                                       |   |                                 |  |                                   |                  | expressed or implied, con<br>y manner for any person |                 |
| property damage of            | r a loss of a                         | ny kind arising from or c                     |                                 |  |                                   |                  | y  |                 |
| Date: <u>6-20 -</u>           | 96 Inspe                              | ector: KuT                                    | 1. Kliv                         | 7_   | Commissions:                      | IL932, NB7       | 742NISB  |                 |

|  | nonwealth Edison Comp  |   |  | •                | Date   | : <u>_</u>                              | 24-95   |                           |
|--|--|---|--|------------------|--|---|---|---------------------------|
| 2. Plant:  | Presden Nuclear Power<br>L.R. #1, Morris IL., 60   | Station (Name)  | ,  |                  | Unit   | " <u>1</u><br>: <u>1/2</u>              |   |                           |
| 3. Work Performed  | By: Owner<br>Same  | · ·   | Name)<br>Address)  | _                | D 26296<br>Repair Organizat  |   | 7 2-245 2-5<br>No., Job No. etc.                    | 15-DIO)                   |
| 4. Identification of 3 5. (a) Construc                                       | System: <u>0200</u><br>tion Code <i>ASME</i>   | A 1965  | Edition, S   | w66              | Addenda, Code Cases  | None                                    | 2   |                           |
| (b) Edition of   | of Section XI used for R   | tepair/Replacement 19 <u>89</u><br>or Replaced and Replacement                              | _ Edition,   |                  |  | None                                    |   | ▼ Minute Assessment       |
| II -   | ame of mponent   | Name of Manufacturer  | Mfrs.<br>Serial No.  | Nat<br>Brd<br>No | Other<br>ID  | Yr<br>Blt                               | Repair,<br>Replaced or<br>Replacement               | Code<br>Stamped<br>Yes/No |
| NOZZLE<br>Consolidates   | for 6"<br>d Relief VIV.  | CONSOLIDATED  | Unknown  |                  | UnKnown  | N/A                                     | REPLACE D   | No                        |
| NOZZ LE  | <del></del>  | CONSOLIDATE D   | ABUS Z   |                  | 9KV 4139704N   | 91                                      | isknement   | No                        |
|  | 250  |   |  |                  | Val. S   | 1-14                                    |   | D. (1715)                 |
| 8. Test Conducted:   | Hydrostatic [ ] Pr   | NOZZLE With Nominal Open  O paig Test Temper  NOZZLE With Nominal Open  Point / Seat (Caka) | erating Pressure   | ⊠ 1<br>_•F       | Not Applicable [ ]   | ic li                                   | Number is leak test                                 |                           |
|  | e statements made in th<br>ndan J. Ca<br>wner A Owrier's Design                                  | is report are correct and this  | (Repair or   | Replace          | Conforms to Section (1995), 1995   | XI of th                                | e ASME Code.  |                           |
| described in this raccordance with S implied, concerning for any personal in | eport on 3 - 3/<br>ection XI of the ASME<br>ing the repair or replace<br>injury or property dama | ission issued by the National SOLH CO of                | st of my knowled<br>ficate neither the<br>Furthermore,<br>ang from or conf | and Pro          | belief, this repair or replaces<br>for nor his employer makes a<br>the inspector nor his employe | Repla<br>(Repair<br>ment has<br>ny warn | or Replacement) been constructed anty, expressed or | ·                         |
| Date: 3-3  | -99 Inspector:   | Meny  | <u></u>  | Com              | missions: 16932<br>(State or Prov  | N/J                                     | 7742 ///<br>ational Board)                          | <u>48</u>                 |

| 1. Owner: ComEd Company   | (Name)                                 | .a                              |                  | Date:3                         | -15-96       | <del></del>                           |                          |
|---|--|---------------------------------|------------------|--------------------------------|--------------|---------------------------------------|--------------------------|
| One First National Plaza, Ch  |  |                                 |                  |                                |              | Sheet: <u>1</u> Of _                  | 1                        |
| Plant: Dresden Nuclear Power 6500 North Dresden Road  | Station (Name)<br>, Morris IL., 60450  | (Address)                       |                  |                                |              | Unit: <u>2</u>                        |                          |
| . Work Performed By: _ SAME AS ABC  | VE                                     | (Name)                          |                  | 940096964 PLAN                 |              |                                       |                          |
| SAME AS ABO   | VE                                     | (Addre                          | 88)              | Kepair Orgai                   | nization P.  | O. No., Job No.                       | etc.                     |
| . Identification of System: 1500 CCS  | W/LPCI                                 |                                 |                  | ·                              |              |                                       | •                        |
| . (a) Construction Code <u>USAS B3</u>  | 1.1.0                                  | 67 Edition,                     | NO               | Addenda, Code                  | Cases1       | NONE                                  |                          |
| (b) Edition of Section XI used for F  |  |                                 |                  |                                |              |                                       |                          |
| . Identification of Components Repaired o   | r Replaced and Replacemen              | t Components                    |                  |                                |              |                                       |                          |
| Name of<br>Component  | Name of Manufacturer                   | Mfrs.<br>Serial No.             | Nat<br>Brd<br>No | Other<br>ID                    | Yr<br>Blt    | Repair,<br>Replaced or<br>Replacement | Code<br>Stampe<br>Yes/No |
| 2-1501-44C CCSW PUMP<br>DISCHARGE ELBOW (8" .322"<br>WALL)  | UNKNOWN                                | NONE                            | N/A              | NONE                           | N/A          | REPAIR                                | NO                       |
| SOCKET WELD ON LINE 2-15101C-2"-D   | UNKNOWN                                | NONE                            | N/A              | NONE                           | N/A          | REPLACED                              | NO                       |
|   |  |                                 |                  |                                |              |                                       |                          |
|   |  |                                 |                  |                                |              |                                       |                          |
|   |  |                                 |                  |                                | <u> </u>     |                                       |                          |
|   |  |                                 |                  |                                | <u> </u>     |                                       |                          |
| Description of work: <u>Cut out socket weld</u>   | on Line 2-15101-2"-D to fac            | ilitate removal o               | f 8" elbe        | ow which was repaired by       | y internal v | veld build up to re                   | store min                |
|   |  |                                 | . 30             | Not Applicable (1              |              |                                       |                          |
| Test Conducted: Hydrostatic [ ] Pn  | •                                      | Ū                               |                  | Not Applicable [ ]  AMBIENT °F |              |                                       |                          |
| Remarks: None.  | rest Pressure 182 psi                  | g tearteum                      | crature _        | AMBIENT P                      |              |                                       |                          |
| Remarks: None.  |  |                                 |                  |                                |              |                                       |                          |
|   | · · · · · · · · · · · · · · · · · · ·  |                                 |                  |                                |              |                                       |                          |
|   |  |                                 |                  |                                |              | <del></del>                           | <del></del>              |
| We certify that the statements made in th   | Cert<br>is report are correct and this | ificate of Comp<br>REPAIR Confo | mance            | Section XI of the ASME         | Code.        |                                       |                          |
| Signed : Prendan J. Cur   | uy isi coord                           |                                 | -15              | , 19 <u>%</u>                  |              |                                       |                          |
| (Owner or Owner's Desig   | nee) (Title                            | e)<br>                          | (Dat             | e)                             |              |                                       |                          |
|   |  |                                 |                  |                                |              |                                       |                          |
|   | Cen                                    | tificate of Inspe               | ction            |                                |              |                                       |                          |
| I, the undersigned, holding a valid comm  |  |                                 |                  |                                |              |                                       | f Illinois,              |
|   | , 19 <u>96</u> and state to the be     | st of my knowle                 | dge and          | belief, this repair or rep     | lacement     | has been construc                     |                          |
| accordance with Section XI of the ASME implied, concerning the repair or replaces any personal injury or property damage of | ment described in this report          | . Furthermore,                  | neither          | the inspector nor his emp      |              |                                       |                          |
| Date: 3-15-96 Inspector:  | 7 / 7 -                                | _                               |                  | nmissions: <u>IL932, NB</u>    | 7742NISP     | <b>.</b>                              |                          |
| mapector:   | Tuber.                                 | <del>-/</del>                   |                  |                                |              | Vational Board)                       |                          |

|   | (Name)<br>Chicago IL, 60690 (Addres   | e)  |   | Date:   | 15-96                             |  |                           |
|---|---|---|---|---|-----------------------------------|--|---------------------------|
| 2. Plant: Dresden Nuclear Power   |   | <i>,</i>  |   |   |                                   | Sheet: _1_ Of _                                | <u>/</u>                  |
| 6500 North Dresden Ros  | ad, Morris IL., 60450   | (Address)   |   |   |                                   | Unit:  | •                         |
| 3. Work Performed By:SAME AS AB   | OVE   | (Name)  |   | 940096967 PLAN  |                                   | O. No., Job No.                                | eta :                     |
| SAME AS ABO   | OVE   | (Addre  | 55)   | Kepan Organi  | ZAUUN F.                          | .O. No., 100 No.                               | cic.                      |
| 4. Identification of System: 1500 CC  |   |   |   |   |                                   |  |                           |
| 5. (a) Construction Code USAS B   | 31.1.0  | 67 Edition,   | No  | Addenda, Code C   | Cases                             | NONE   |                           |
| (b) Edition of Section XI used for  |   |   |   |   |                                   |  |                           |
| 6. Identification of Components Repaired  | or Replaced and Replacement   | t Components  |   |   |                                   |  |                           |
| Name of<br>Component  | Name of Manufacturer  | Mfrs.<br>Serial No.   | Nat<br>Brd<br>No                                  | Other<br>ID   | Yr<br>Blt                         | Repair,<br>Replaced or<br>Replacement          | Code<br>Stamped<br>Yes/No |
| 2-1501-44D CCSW PUMP<br>DISCHARGE ELBOW (8" .322"<br>WALL)  | UNKNOWN   | NONE  | N/A   | NONE  | N/A                               | REPAIR   | NO                        |
|   |   | <u></u>   |   |   | <u> </u>                          |  | şosta eşemen              |
| ļ   | <del> </del>  |   |   |   |                                   |  |                           |
| ļ   | ļ   |   |   |   |                                   |  | <u></u>                   |
|   |   |   |   | ·   | <b> </b>                          |  |                           |
|   |   | <u> </u>  |   |   | <u> </u>                          | <u></u>  | <u> </u>                  |
| 7. Description of work: Performed weld r  | epair on inside diameter of 8"  | elbow to restor   | e minim   | um wall.  |                                   |  |                           |
| O. M. Contract. West and A. D. D.   |   | <u> </u>  |   | N.A. P. 11. F.3   |                                   |  |                           |
| 8. Test Conducted: Hydrostatic [ ] P  | •   | erating Pressure  |   | Not Applicable []   |                                   |  |                           |
|   | Test Pressure 195 psi   | g Test Temp   | erature _   | AMBIENT•F   |                                   |  |                           |
| 9. Remarks: None.   |   |   |   |   |                                   |  |                           |
|   |   |   |   |   |                                   |  |                           |
|   |   | <del></del>   | <del></del> -                                     |   |                                   |  | ·                         |
| We certify that the statements made in t  | Certi   | ificate of Comp   | liance  | Section XI of the ASME C  | 'ode                              |  |                           |
| Signed: Brendan J. Ch   | Sees ISI COORDI   |   | 3-15  |   | .ouc.                             |  |                           |
| (Owner or Owner's Desi  |   |   | (Dat  |   |                                   |  | 1                         |
| <u> </u>  |   | <del></del>   | <del></del> -                                     |   |                                   |  |                           |
|   | Com   | tificate of Inspe   | rtion   | <del></del>   |                                   |  | 1                         |
| I, the undersigned, holding a valid commemployed by The Hartford Steam and B described in this report on 3 / 5 accordance with Section XI of the ASM implied, concerning the repair or replace any personal injury or property damage | mission issued by the National toiler Insurance and Inspection 19 Cand state to the be E Code. By signing this certiement described in this report. | I Board of Boiler<br>in Co. of Hartform<br>at of my knowle<br>ificate neither the<br>Furthermore, | and Prod, Conn<br>dge and<br>inspect<br>neither t | ectictu having inspected the belief, this repair or replator nor his employer make the inspector nor his empl | ne REPA<br>acement i<br>es any wa | IR<br>has been construct<br>arranty, expressed | ted in                    |
| Date: 3-15-96 Inspector:  | Kort T Rain   | 5   | Cor   | mmissions: <u>IL932, NB7</u>  |                                   | National Board)                                |                           |
|   | u   | /   |   | (State of Pri   | DAILIGE, L                        | AUGUM BOSICI)                                  |                           |

| one cirsi iyanonai Piaza. Chi  | icago IL. 60690   |  |                  | Da   | te: <u>3-</u>                         | 3-95  | <del>-</del>           |
|--|---|--|------------------|--|---------------------------------------|---|------------------------|
|  |   |  |                  | She  | et:1_                                 | _ Of1_  |                        |
| Plant: <u>Dresden Nuclear Power Staio</u><br>6500 N. <u>Dresden Road</u> , Mo  |   |  |                  |  | Ţ                                     | Unit:2  | -                      |
| Work Performed By: <u>SAME AS AE</u>   | OVE   | (Name)   |                  | D24151 (P  |                                       |   | <del></del>            |
| SAME AS ABO  | VE  | (Address)  |                  | Repair Or  | ganizatio                             | on P.O. No., Job ?  | No. etc.               |
| Identification of System: 1500 (L)   | PCD   |  | _                | <del></del>  |                                       |   |                        |
| (a) Construction Code <u>USAS I</u><br>(b) Edition of Section XI used for Re   | 331.1.0 , 19.67 F<br>pair/Replacement 19.89 Edition   |  |                  |  |                                       | -   |                        |
| Identification of Components Repaire   | d or Replaced and Replacement   | Components   |                  |  |                                       |   |                        |
| Name of<br>Component   | Name of Manufacturer  | Mfrs.<br>Serial No.  | Nat<br>Brd<br>No | Other<br>ID  | Yr<br>Blt                             | Repair,<br>Replaced or<br>Replacement   | Code<br>Stamp<br>Yes/N |
| 12" 300# CHECK VALVE   | C&S VALVE CO.   | N/A  | N/A              | 2-1501-63A   | N/A                                   | REPLACED  | NO                     |
| 6 1-1/8" X 7" FLANGE HEX NUTS  | UNKNOWN   | N/A  | N/A              | NONE   | N/A                                   | REPLACED  | NO                     |
| 6 1-1/8" X 7" FLANGE BOLTS   | UNKNOWN   | N/A  | N/A              | NONE   | N/A                                   | REPLACED  | NO                     |
| 2° 300# CHECK VALVE  | GULF VALVE CO.  | 27823-2-1  | N/A              | 2-1501-63A   | 1994                                  | REPLACEMENT   | МО                     |
| 6 1-1/8" X 7" FLANGE HEX NUTS  | UNKNOWN   | N/A  | N/A              | SI #786C85   | N/A                                   | REPLACEMENT   | NO                     |
| 16 1-1/8" X 7" FLANGE BOLTS  | UNKNOWN   | N/A  | N/A              | SI #760G56   | N/A                                   | REPLACEMENT   | NO                     |
| otem. These valves have fubber sea   |   |  |                  |  |                                       |   |                        |
| Test Conducted: Hydros Test Pr   | ressure 134 psig To   | ominal Operatin  | _                | re [ X] Not Applicable [   |                                       |   |                        |
| Test Pr Remarks: Replaced existing check vi  We certify that the statements made in  | ressure 134 psig To alaye and associated bolting.  Cert on this report are correct and this Casey ISI Coordinator   | est Temperature  | _AMBI            | ENT°F  |                                       | ode.  |                        |
| Test Conducted: Hydros  Test Pr  Remarks: Replaced existing check yr  We certify that the statements made in  Signed: (Owner or Owner's De | ressure 134 psig To alaye and associated bolting.  Cert in this report are correct and this esignee) ISI Coordinator (Title)  | ificate of Compression (Date)  | AMBI             | ENT °F  Forms to Section XI of the A   | ASME C                                |   | lingi-                 |
| Test Conducted: Hydros  Test Pr Remarks: Replaced existing check vi  We certify that the statements made in Signed:                        | Cert In this report are correct and this Lusey ISI Coordinator esignee) (Title)  Cert Tommission issued by the National fler Insurance and Inspection Co. Is state to the best of my knowledge igning this certificate neither the s report. Furthermore, neither the | ificate of Comprehence of Comprehenc | AMBI             | Sorms to Section XI of the Assure Vessel Inspectors and thaving inspected the REP or replacement has been cover makes any warranty, ex | the State LACEM instructed pressed of | e or Province of II<br>IENT described in<br>I in accordance wi<br>or implied, concern | this<br>th<br>ning the |

(State or Province, National Board)

# DAP 11-18 REVISION 07

| 1. Owner: <u>C</u>   | omEd Company<br>One First Nationa | (Name   | e)<br>60690 (Address  |  |   | Date:5-2  |  | -   |
|--|-----------------------------------|---|---|--|---|---|--|---|
| 2. Plant:  | Dresden Nucl                      | ear Power Station   | (Name)<br>L 60450 (Addr   | ess)   |   |   | Sheet: <u>1</u> Of Unit: <u>2</u>  |   |
|  |                                   | el Constructors   |   | ,  | <u>wr</u>   | 940097732 (                                       | PLAN 2-95-019)   | _   |
|  | Gaither                           | sberg, MD 20877   | (Address)   |  | ]   | Repair Organi                                     | zation P.O. No., Job No.   | . etc.                                    |
| . Identification   | n of System:                      | 2300 HPCI   |   |  |   |   |  | •   |
| i. (a) Con   | struction Code L                  | JSAS B31.1.0  | 19 67   | Edition,   | NO Addenda, Code  | Cases NON   | E  |   |
|  |                                   |   |   |  |   | CasesN  | ONE  |   |
| . Identification   | or Components                     | Repaired or Replaced  | and Replacement   | Compone  |   |   |  |   |
|  | me of<br>nponent                  | Name of<br>Manufacturer   | Mfrs.<br>Serial No.   | Nat<br>Brd<br>No   | Other<br>ID   | Yr<br>Blt   | Repair,<br>Replaced or<br>Replacement                                      | Code<br>Stampe<br>Yes/No                  |
| BONNET S'<br>X 7")   | ruds (音 "-11                      | UNKNOWN   | UNKNOWN   | N/A  | 2-2301-50A  | N/A   | REPLACED   | NO  |
| BONNET S'<br>(돍 ")   | TUD NUTS                          | UNKNOWN   | UNKNOWN   | N/A  | 2-2301-50A  | N/A   | REPLACED   | NO  |
|  |                                   | -   | <u> </u>  | js   |   |   |  | +   |
| BONNET ST  | ruds (출 "-11<br>                  | UNKNOWN   | HEAT G5   | N/A  | SI #796C99  | N/A   | REPLACEMENT  | NO  |
| BONNET ST  | rud nuts                          | UNKNOWN   | UNKNOWN   | N/A  | SI #500E52  | N/A   | REPLACEMENT  | NO  |
| Test Conduc  | ted: Hydrostatio                  | Pneumatic [ Test Pressi   | ] Nominal Ope   | rating Pre   | essure [ ] Not Applical Temperature "F recillance DOS 2300-03.  |   | e inspection (boiting had r  | ninor corros                              |
|  | <del></del>                       | <del></del>   |   |  |   | <del></del>                                       | _ <del></del>  | <del></del>                               |
|  | rendan                            | 1   | re correct and this   | REPLAC<br>NATOR  | Compliance CEMENT Conforms to Se  5-29 (Date)   |   | e ASME Code.   |   |
| — <del>——</del> —  |                                   |   |   |  |   | <del> </del>                                      |  |   |
| employed by<br>this report on<br>Section XI of<br>repair or repl | The Hartford Ste<br>1             | eam and Boiler Insura<br>19 and state to t<br>By signing this cer | ned by the National<br>ance and Inspection<br>the best of my known<br>tificate neither the<br>thermore, neither the | Board of<br>Co. of I<br>wledge ar<br>inspector<br>he inspect | Inspection  f Boiler and Pressure Vess Hartford, Connectictu havin d belief, this repair or rep nor his employer makes a tor nor his employer shall ection. | ng inspected to<br>placement has<br>any warranty, | he REPLACEMENT des<br>been constructed in acco<br>expressed or implied, co | scribed in<br>rdance with<br>incerning th |
|  |                                   | ector: Latt T   | 1   | -  | Commissions:  | IL932, NB7  | 742NISB  |   |
| · · · · · · · · · · · · · · · · · · ·                            |                                   | 1-4-4-  |   |  |   | (State or Pr                                      | ovince, National Board)  |   |

### DAP 11-18 REVISION 07

| 1. Owner: ComEd Company One First Nation                                 | (Nam<br>al Plaza, Chicago IL,  | e)<br><u>60690        (Address</u>   | )  |   | Date:5-2   |  |                                  |
|--|--|--|--|---|--|--|----------------------------------|
| 2. Plant: Dresden Nuc 6500 North D                                       | lear Power Station   | (Name)   | ess)   |   |  | Sheet: 1 Of Unit: 2  |                                  |
| 3. Work Performed By: Bech   |  | _  | ,  | wr  | 9400 <u>97</u> 733 (                             | PLAN 2-95-020)   | _                                |
|  | rsberg, MD 20877   |  |  |   | Repair Organi                                    | zation P.O. No., Job No  | etc.                             |
| 4. Identification of System:   | 2300 HPCI  |  |  |   |  |  | -                                |
| 5. (a) Construction Code   | USAS B31.1.0   | 19 67  | Edition,   | NO Addenda, Code on, NO Addenda, Code   | Cases <u>NON</u>                                 | E  |                                  |
|  |  |  |  |   | CasesN   | IONE   |                                  |
| 5. Identification of Components  | s Repaired of Replace  | and Replacement  | Compon   |   |  | <u> </u>   |                                  |
| Name of<br>Component   | Name of<br>Manufacturer  | Mfrs.<br>Serial No.  | Nat<br>Brd<br>No   | Other<br>ID   | Yr<br>Blt  | Repair,<br>Replaced or<br>Replacement                                      | Code<br>Stamp<br>Yes/N           |
| BONNET STUDS (¾ "-10<br>X 7")  | UNKNOWN  | UNKNOWN  | N/A  | 2-2301-51   | N/A  | REPLACED   | NO                               |
| BONNET STUD NUTS   | UNKNOWN  | UNKNOWN  | N/A  | 2-2301-51   | N/A  | REPLACED   | NO                               |
|  |  | 11.50  |  | -   |  | -  | ماد برکانت                       |
| BONNET STUDS (¾ "-10 X 7")   | UNKNOWN  | HEAT F4  | N/A  | SI #796D75  | N/A  | REPLACEMENT  | NO                               |
| BONNET STUD NUTS (¾")  | UNKNOWN  | HEAT X8Q   | N/A  | SI #796D01  | N/A  | REPLACEMENT  | NO                               |
| . Description of work: Replace   | d existing dual disc ch  | eck valve honnet hol   | ting with  | new material after nerform  | ing check valv                                   | e inspection (holting had r  | ninor corro                      |
|  |  |  |  |   |  |  |                                  |
| . Test Conducted: Hydrostati   | ic [ ] Pneumatic [   | ] Nominal Ope  | rating Pro   | essure [ ] Not Applicat   | ole [X]  |  |                                  |
|  | Test Press   | ure psig   | Test   | Temperature "F  |  |  |                                  |
| Remarks: Piping was given  | 1 a VT-2 examination   | during operational   | HPCI su  | rveillance DOS 2300-03.   |  |  |                                  |
|  |  |  |  |   |  |  |                                  |
| We certify that the statements   | s made in this report a  |  |  | Compliance CEMENT Conforms to Sec   | ction XI of the                                  | e ASME Code  |                                  |
| Signed : Brendan   |  | ISI COORDI   |  | 5-29 . 19°  |  | TIONIE COUC.   |                                  |
|  | ner's Designee   | (Title)  |  | (Date)  | <u>, — </u>                                      |  |                                  |
|  |  |  |  |   | ·  |  |                                  |
|  |  | Certi  | ficate of  | Inspection  |  |  |                                  |
| I, the undersigned, holding a employed by The Hartford St this report on | team and Boiler Insura<br>, 19 and state to<br>e. By signing this ce<br>ed in this report. Fur | and by the National<br>ance and Inspection<br>the best of my known<br>rtificate neither the<br>thermore, neither the | Board of<br>Co. of F<br>vledge ar<br>inspector<br>in inspector | f Boiler and Pressure Vess<br>Iartford, Connectictu havin<br>d belief, this repair or rep<br>nor his employer makes a<br>tor nor his employer shall | ng inspected to<br>lacement has<br>any warranty, | he REPLACEMENT des<br>been constructed in acco<br>expressed or implied, co | scribed in rdance wit neerning t |
| Date: 7-1-96 Ins   |  | ATI  | in   | Commissions:  | II OZO NIDO                                      | 7.423100   |                                  |

|   | y (Name)<br>nal Plaza. Chicago IL, 6069   | (Address)  |  |  | Date: <u>7-5</u>   | Sheet: _1_ Of _  | 1                                    |
|---|---|--|--|--|--|--|--------------------------------------|
| Plant: <u>Dresden Nu</u> 6500 North D   | clear Power Station  Dresden Road, Morris IL., 6  | _ (Name)<br>50450 (Address)  |  |  |  | Unit:2   | _                                    |
| . Work Performed By: <u>Sam</u>   | ne as Above   | (Name)   |  |  |  | PLAN 2-95-024)<br>ation P.O. No., Job No.  |                                      |
| Same  | e as Above  | (Address)  |  |  | Cepan Organiz  | anon P.O. 140., 100 140.   | ew                                   |
| . Identification of System:   | 0203 Main Steam   |  |  |  |  |  |                                      |
| . (a) Construction Code<br>(b) Edition of Section 2   | ASME Section III XI used for Repair/Replacer  | ₱, 19 <u>65</u> Edition  | on, <u>NO</u><br>ition, <u>N</u>   | Addenda, Code Ca<br>O Addenda, Code C  | ases <u>NONE</u>   | NE   |                                      |
| . Identification of Component   | •   |  |  | ·  | <del></del>  |  |                                      |
| Name of<br>Component  | Name of<br>Manufacturer   | Mfrs.<br>Serial No.  | Nat<br>Brd<br>No   | Other<br>ID  | Yr<br>Blt  | Repair,<br>Replaced or<br>Replacement  | Coo<br>Stam<br>Yes/                  |
| 6" Electromatic Relief<br>Valve   | ConsolidatedValve   | *  | N/A  | 2-0203-3E  | N/A  | REPLACED   | NO                                   |
| 1%" Stud Hex Nuts   | Unknown   | Unknown  | N/A  | 2-0203-3E  | N/A  | REPLACED   | NO                                   |
| 6" Electromatic Relief<br>Valve   | ConsolidatedValve   | BK7052   | N/A  | SI #809F15   | N/A  | REPLACEMENT  | NO                                   |
| 1% Stud Hex Nuts  | Consolidated Valve  | Heat QT74  | N/A  | SI #790H78   | N/A  | REPLACEMENT  | NO                                   |
|   |   |  |  |  |  |  |                                      |
| <u>-</u>  | <u> </u>  |  |  |  |  |  |                                      |
| <del></del>   |   |  |  |  |  |  | <u> </u>                             |
| Description of work: Repl   | laced existing electromatic r   | elief valve assembly   | as part o  | f station preventative   | maintenance p  | rogram. Hex nuts were  | replaced                             |
| Test Conducted: Hydrosta  Remarks: *Serial number  We certify that the statemen  Signed: *Serial number | Test Pressure  r of valve removed was not  ats made in this report are co   | Nominal Operating  1040 psig  recorded in work pa  | Test Ten   | [X] Not Applicab   | ion XI of the  |  | replaced                             |
| Signed: Brenda  | Test Pressure  r of valve removed was not  ats made in this report are colored.   | Nominal Operating  1040 psig  recorded in work pa  Certificat  orrect and this REPI  ISI COORDINATO  (Title)   | Test Tenackage.  de of Compact | [X] Not Applicable proper ature 200 "F spliance CNT Conforms to Section 7-5 (Date) 1996  | ion XI of the  |  | replaced                             |
| Test Conducted: Hydrosta  Remarks: *Serial number  We certify that the statemen  Signed: *Serial number | atic [ ] Pneumatic [ ]  Test Pressure  Tof valve removed was not  at made in this report are constant and Boiler Insurance  1. 19 and state to the bodie. By signing this certific bed in this report. Furthern | Nominal Operating  1040 psig  recorded in work pa  Certificate orrect and this REPI  ISI COORDINATO (Title)  Certificate of my knowledge are neither the inspendence, neither the inspendence. | Test Ten  Test Ten  Ackage.  Te of Com  LACEME  OR  d of Boile of Hartfor e and belie ctor nor h  pector nor h   | [X] Not Applicab  apperature 200 "F  appliance  CNT Conforms to Section  (Date) 1996  (contection  r and Pressure Vessel d, Connectictu having ef, this repair or replaction is employer makes any r his employer shall be | Inspectors and inspected the cement has be by warranty, experience of the comment of the cement has be the comment has been dependent high and the comment has been dependent high and the comment has been dependent high a comment has been dependent high and the comment high and the comment has been dependent high and the comment high and the commen | ASME Code.  If the State or Province of REPLACEMENT descrence on structed in accorda pressed or implied, concording the state of the st | Illinois, ibed in nee with eming the |

### DAP 11-18 REVISION 07

|   |  |  |                           | <del></del>                            | D-+ 7.5                     | 06   |                         |
|---|--|--|---------------------------|--|-----------------------------|--|-------------------------|
| 1. Owner: <u>ComEd Compan</u> One First Natio         | y (Name)<br>nai Plaza, Chicago IL, 6069          | 90 (Address)                               |                           |  | Date:                       | -96  |                         |
| . Plant: Dresden Nu                                   | clear Power Station                              | _ (Name)                                   |                           |  |                             | Sheet: 1 Of                                      |                         |
|   | Dresden Road. Morris IL                          | ,  |                           |  |                             | Unit:2   | •                       |
| . Work Performed By: _San                             |  | ,  |                           |  |                             | PLAN 2-95-025)<br>Pation P.O. No., Job No.       | etc.                    |
| Same  | as Above   | (Address)                                  |                           |  |                             |  | •                       |
| . Identification of System:                           |  |  |                           |  |                             |  |                         |
| . (a) Construction Code<br>(b) Edition of Section 2   | ASME Section III XI used for Repair/Replace      | <b>e</b> , 19 <u>65</u> Editiment 19 89 Ed | on, <u>NO</u><br>ition. N | Addenda, Code Ca<br>IO Addenda, Code C | ises <u>NONE</u><br>ases NO | NE   | <del></del>             |
| . Identification of Componen                          |  |  |                           | ·                                      |                             |  |                         |
|   |  |  |                           |  |                             |  |                         |
| Name of Component                                     | Name of<br>Manufacturer                          | Mfrs.<br>Serial No.                        | Nat<br>Brd<br>No          | Other<br>ID                            | Yr<br>Blt                   | Repair,<br>Replaced or<br>Replacement            | Code<br>Stampe<br>Yes/N |
| 6" Electromatic Relief<br>Valve                       | ConsolidatedValve                                | *  | N/A                       | 2-0203-3C                              | N/A                         | REPLACED   | NO                      |
| 1%" Stud Hex Nuts                                     | Unknown  | Unknown                                    | N/A                       | 2-0203-3C                              | N/A                         | REPLACED   | NO                      |
| 6" Electromatic Relief<br>Valve                       | ConsolidatedValve                                | BK7080                                     | N/A                       | SI #809F15                             | N/A                         | REPLACEMENT                                      | NO                      |
| 1%" Stud Hex Nuts                                     | Consolidated Valve                               | Heat QT74                                  | N/A                       | SI #790H78                             | N/A                         | REPLACEMENT                                      | NO                      |
|   |  | <u> </u>                                   | <del> </del>              |  |                             |  | <del></del>             |
|   | <del>                                     </del> | <del> </del>                               | <del>-</del>              |  |                             | <del>                                     </del> | <del></del>             |
|   |  | <u> </u>                                   |                           |  |                             |  | <del></del>             |
| . Description of work: <u>Rep</u>                     |  |  | y as part o               | of station preventative                | maintenance p               | rogram. Hex nuts were                            | replaced bed            |
| . Test Conducted: Hydrosta                            | _  |  | n Drecur                  | e [ X] Not Applicab                    | le ( )                      |  |                         |
| . Test Conducted. Trydrosi                            |  | _1040 psig                                 |                           | mperature <u>200</u> °F                | [ ]                         |  |                         |
| . Remarks: *Serial number                             |  | <u> </u>                                   |                           | inperature                             |                             |  |                         |
| . Remarks:number                                      | or valve removed was not                         | recorded in work p                         | ackage.                   |  |                             |  |                         |
|   |  |  |                           |  |                             |  |                         |
| We certify that the statemen                          | nts made in this report are c                    | Certifica<br>orrect and this REP           | te of Con<br>LACEMI       | npliance<br>ENT Conforms to Secti      | ion XI of the               | ASME Code.                                       |                         |
| Signed: Brendo  | en Cl. Casen                                     | ISI COORDINATO                             | OR                        | 7-5 , 19 <u>9</u>                      | ,<br>2                      |  |                         |
| (Owner or C   | Owner's Designee)                                | (Title)                                    |                           | (Date)                                 |                             |  |                         |
|   |  |  |                           |  |                             |  |                         |
|   |  | Certifica                                  | ate of Ins                | pection                                |                             |  |                         |
| I, the undersigned, holding                           |  |  |                           |  |                             |  |                         |
| employed by The Hartford : this report on             | , 1996 and state to the b                        | est of my knowledg                         | e and beli                | ief, this repair or replac             | cement has be               | en constructed in accorda                        | nce with                |
| Section XI of the ASME Corepair or replacement descri | ode. By signing this certific                    | ate neither the inspe                      | ctor nor i                | his employer makes any                 | warranty, ex                | pressed or implied, conce                        | erning the              |
| property damage or a loss of                          | of any kind arising from or                      | connected with this                        | inspection                |  |                             |  |                         |
| Date: 7496 In   | ispector:  | 1 Kerny                                    |                           | Commissions:I                          | L932, NB774<br>(State or Pr | 2NISB<br>ovince, National Board)                 | <del></del>             |
|   |  | ,  |                           |  | ,                           | ,  |                         |

| <br>1_ : | 1. Owner: ComEd Company One First Nation:   | (Name  | :)<br>60690 (Address)  | ,  | Г   | 1. Owner: ComEd Company (Name) Date: 5-22-96 One First National Plaza, Chicago IL, 60690 (Address) |  |   |  |  |  |  |  |  |  |  |  |
|----------|---|--|--|--|---|--|--|---|--|--|--|--|--|--|--|--|--|
|          |   | elear Power Station<br>resden Road, Morris II  |  |  |   |  | Sheet: 1 Of _  |   |  |  |  |  |  |  |  |  |  |
|          | 3. Work Performed By: Becht   | _  |  | SS)  | WR 93   | 10056328 (   | Unit:2(PLAN 2-95-026)  | -   |  |  |  |  |  |  |  |  |  |
|          |   | ersberg, MD 20877  |  |  | Re  | pair Organiz   | zation P.O. No., Job No.   | etc.                                      |  |  |  |  |  |  |  |  |  |
|          | 4. Identification of System: 1400 Core Spray  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |  |  |
|          | <u> </u>  |  |  | Edition,   | NO Addenda, Code Can, NO Addenda, Code C  | ases <u>NON</u>  | IE   |   |  |  |  |  |  |  |  |  |  |
|          |   |  |  |  | •   | ases N   | ONE  |   |  |  |  |  |  |  |  |  |  |
|          | 6. Identification of Components   | Repaired or Replaced   | and Replacement C  | Compone  | ents  |  |  |   |  |  |  |  |  |  |  |  |  |
|          | Name of<br>Component  | Name of<br>Manufacturer  | Mfrs.<br>Serial No.  | Nat<br>Brd<br>No   | Other<br>ID   | Yr<br>Blt  | Repair,<br>Replaced or<br>Replacement  | Code<br>Stamped<br>Yes/No                 |  |  |  |  |  |  |  |  |  |
|          | Valve Bonnet  | Crane Valve  | UNKNOWN  | N/A  | 2-1402-4B   | N/A  | REPLACED   | NO  |  |  |  |  |  |  |  |  |  |
|          | Valve Bonnet Studs  | Unknown  | Unknown  | N/A  | None  | N/A  | REPLACED   | NO  |  |  |  |  |  |  |  |  |  |
|          | Valve Bonnet Nuts   | Unknown  | Unknown  | N/A  | None  | N/A  | REPLACED   | NO  |  |  |  |  |  |  |  |  |  |
|          | Orifice Flange Bolts  | Unknown  | Unknown  | N/A  | RO-2-1402-48B   | N/A  | REPLACED   | NO  |  |  |  |  |  |  |  |  |  |
|          | Orifice Flange Nuts   | Unknown  | Unknown  | N/A  | RO-2-1402-48B   | N/A  | REPLACED   | NO  |  |  |  |  |  |  |  |  |  |
|          | Valve Bonnet  | Control<br>Components Inc.   | 637271-1 (Kit)   | N/A  | SI #812A26  | 94   | REPLACEMENT  | NO  |  |  |  |  |  |  |  |  |  |
|          | Valve Bonnet Studs  | Unknown  | None   | N/A  | SI #812H66  | N/A  | REPLACEMENT  | NO  |  |  |  |  |  |  |  |  |  |
| ,        | Valve Bonnet Nuts   | Unknown  | None   | N/A  | SI #796D01  | N/A  | REPLACEMENT  | NO  |  |  |  |  |  |  |  |  |  |
|          | Orifice Flange Bolts  | Unknown  | None   | N/A  | SI #796D01  | N/A  | REPLACEMENT  | NO  |  |  |  |  |  |  |  |  |  |
|          | Orifice Flange Nuts   | Unknown  | None   | N/A  | SI #796D75  | N/A  | REPLACEMENT  | NO  |  |  |  |  |  |  |  |  |  |
| !<br>{   | 7. Description of work: <u>Replace</u> plate (also replaced associated of the second | orifice flange bolting). ic [ ] Pneumatic [  Test Pressu   | All work performed  Nominal Operative245 psig  | rating Pre   | lant Change P12-2-93-278.  essure [X ] Not Applicable  it Temperature Ambient °F  | le [ ]   |  |   |  |  |  |  |  |  |  |  |  |
| -        |   |  |  |  |   |  |  |   |  |  |  |  |  |  |  |  |  |
| ſ        |   | <del></del>  | ~  |  |   |  |  |   |  |  |  |  |  |  |  |  |  |
|          | We certify that the statements Signed: <u>Brendar</u> (Owner or Ow  |  | re correct and this R  | REPLAC<br>NATOR  | Compliance CEMENT Conforms to Secti  5-22 (Date)  |  | : ASME Code.   |   |  |  |  |  |  |  |  |  |  |
| ſ        | <del></del>   | <del></del>  |  |  |   |  |  | <del></del> -                             |  |  |  |  |  |  |  |  |  |
|          | I, the undersigned, holding a employed by The Hartford Strain this report on \( \frac{1}{2}\frac{1}{2}\). Section XI of the ASME Code repair or replacement describe property damage or a loss of the control of the con      | team and Boiler Insural<br>, 19 <u>%</u> and state to the<br>de. By signing this cented in this report. Furth<br>any kind arising from | ned by the National lance and Inspection ( the best of my know  inflicate neither the inthermore, neither the  or connected with the connected wit | Board of<br>Co. of H<br>vledge an<br>inspector<br>ne inspect<br>this inspe | Hartford, Connectictu having nd belief, this repair or replair nor his employer makes any tor nor his employer shall be ection.  Commissions: | inspected the cement has by warranty, be liable in an IL932, NB7                                   | he REPLACEMENT describeen constructed in accord expressed or implied, con my manner for any personal prices. | scribed in<br>rdance with<br>ncerning the |  |  |  |  |  |  |  |  |  |
|          | Date msp  | ) J 7  | NV / NV  | <del>- 1</del>   |   | (State or Pr   | rovince, National Board)   |   |  |  |  |  |  |  |  |  |  |

| 1. Owner: ComEd Company (Name) One First National Plaza, Chicago IL, 60690 (Address)   |   |   |  | Date:  |  |   |  |
|--|---|---|--|--|--|---|--|
|  |   |   |  | Sheet: _1_ Of _1_  |  |   |  |
| 2. Plant: <u>Dresden Nuclear Power Station</u> (Name) 6500 North Dresden Road, Morris IL., 60450 (Address)   |   |   | Unit:2                                   |  |  |   |  |
| . Work Performed By: <u>Bechtel Constructors</u> (Name)  |   |   |  | WR 940097591 (PLAN 2-95-029)  Repair Organization P.O. No., Job No. etc.   |  |   |  |
| Gaithersberg, MD 20877 (Address)   |   |   |  | Repair Organization P.O. No., Job No. etc.   |  |   |  |
| 4. Identification of System:   | 1300 Isolation Condens  | er_   |  |  |  |   | •  |
| 5. (a) Construction Code   | USAS B31.1.0<br>XI used for Repair/Replacer   | •, 19 <u>67</u> Editio  | n, <u>NO</u>                             | Addenda, Code Cases  | NONE                                   |   | <u>.                                    </u> |
|  |   |   |  | O Addenda, Code Cases  | NO                                     | NE  | <u> </u>                                     |
| 6. Identification of Component   | s Repaired or Replaced and  | l Replacement Compo   | onents                                   |  |  | •   |  |
| Name of<br>Component   | Name of<br>Manufacturer   | Mfrs.<br>Serial No.   | Nat<br>Brd<br>No                         | Other<br>ID  | Yr<br>Blt                              | Repair,<br>Replaced or<br>Replacement   | Code<br>Stamped<br>Yes/No                    |
| PSA-10 Mechanical<br>Snubber   | Pacific Scientific  | 10399   | N/A                                      | Snubber 2-1303-01  | N/A                                    | REPLACED  | NO   |
| PSA-10 Mechanical<br>Snubber   | Pacific Scientific  | 17635   | N/A                                      | SI #504B86   | N/A                                    | REPLACEMENT   | NO   |
|  |   |   |  |  |  |   |  |
|  |   |   |  |  |  |   |  |
|  | 7   | 7   |  |  |  |   |  |
|  |   |   |  |  |  |   |  |
|  |   |   |  |  |  |   |  |
| 7. Description of work: <u>Rep</u> rebuilt and returned to Stores a  8. Test Conducted: Hydrosta   | as spare stock.   |   | Pressure                                 | [ ] Not Applicable [X  |  | for snubbers. Removed   | snubber will                                 |
| 9. Remarks: None.  |   |   |  |  |  |   |  |
|  |   |   |  |  |  |   |  |
| We certify that the statemen Signed: Bundan  | a. Casus  | ISI COORDINATO  | ACEME                                    |  | KI of the A                            | ASME Code.  |  |
| (Owner or O  | ownot's Designee)   | (Title)   |  | (Date)   | <u> </u>                               |   |  |
|  |   |   |  |  |  |   |  |
| I, the undersigned, holding a employed by The Hartford S this report on 2-3 Section XI of the ASME Co repair or replacement descriproperty damage or a loss of | Steam and Boiler Insurance<br>, 1946 and state to the b<br>de. By signing this certific<br>bed in this report. Furthern | and Inspection Co. of<br>sest of my knowledge<br>cate neither the inspec-<br>more, neither the insp | of Boile If Hartfor and belicator nor ho | r and Pressure Vessel Insp<br>d, Connectictu having insp<br>ef, this repair or replaceme<br>is employer makes any wa<br>r his employer shall be liab | ected the<br>ent has bee<br>rranty, ex | REPLACEMENT descri-<br>en constructed in accordant<br>pressed or implied, conce | bed in<br>nce with<br>erning the             |
| 1 0/   | spector:  | T. Jan  | 7  | Commissions: _IL932  | NB7742                                 | NISB<br>ovince, National Board)   |  |

# CATEGORY\_3 FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT

DAP 11-18

|  | As Kequired by th   | ie Provision  | OI ASIVIL  | Code Section XI   |  | KEVISI                                | ON US                     |
|--|---|---|--|---|--|---------------------------------------|---------------------------|
| 1. Owner: Commonwealth Edison Company One First National Plaza, Chicago  |   | ••  |  | Date: 9 25<br>Sheet: 1 Of   |  |                                       | :                         |
| 2. Plant: <u>Dresden Nuclear Power Station</u> R.R.#1, Morris IL., 60450   | (Name)<br>(Address)   |   |  | Unit: <u>2</u>  |  |                                       |                           |
| 3. Work Performed By: BECHTEL CONST  | RUCTORS   | (Name)  |  | WR 94009<br>Repair Organization I   | 75   | 86 (2-95                              | -032)                     |
| 2000   | MD 20877(Address)   |   |  | Nopul Organizator   | .0.11  | ., 300 110. Ctc.                      |                           |
| 4. Identification of System: 3000  |   | _   |  |   |  |                                       | •                         |
| <ul><li>5. (a) Construction Code <u>USAS B31.1.0</u></li><li>(b) Edition of Section XI used for Repair/Rej</li></ul>   | •   |   |  |   | <u>.                                    </u> | <del></del>                           | No.                       |
| 6. Identification of Components Repaired or Re   |   |   | /1000/1013,  |   |  | _                                     |                           |
| Name of<br>Component   | Name of Manufacturer  | Mfrs.<br>Serial<br>No.  | Nat<br>Brd No  | Other<br>ID   | Yr<br>Blt                                    | Repair,<br>Replaced or<br>Replacement | Code<br>Stamped<br>Yes/No |
| SNUBBER (PSA-10)   | PACIFIC   | 17844   | NA   | EFN#2-3001449<br>5N# 17844  | NA   | REPLACED                              | 10                        |
| SNUBBER (PSA-10)   | PACIFIC   | 17630   | NA   | SN# 17630 *   | N/A  | REPLACEMENT                           | NO                        |
|  |   |   | 1 % 63   |   |  |                                       |                           |
|  |   |   |  |   |  |                                       |                           |
|  |   |   |  |   |  |                                       | <del></del>               |
|  | natic [ ] Nominal Operation   | ng Pressure [   | ] Not App  | OMP 0040 -  |  |                                       |                           |
|  |   |   |  |   |  |                                       |                           |
| We certify that the statements made in this rep Signed: Signed: Owner or Owner's Designee)   |   | IS  |  | 11.2- 00  | ode.   |                                       |                           |
|  |   |   | -  |   |  | <del></del>                           |                           |
|  | Cer   | rtificate of I  | nspection  |   |  |                                       |                           |
| I, the undersigned, holding a valid commission ILLINOIS, employed by The Hartford Steam described in this report on //-3 0, 197 accordance with Section XI of the ASME Codimplied, concerning the repair or replacement of any personal injury or property damage or a log | Boiler Insurance and Inspectant and state to the best of rile. By signing this certificate described in this report. Furties of any kind arising from o | tion Co. of I<br>my knowledge<br>neither the i<br>hermore, nei<br>r connected v | lartford, Corge and belief,<br>nspector nor<br>ther the inspection that the spector<br>with this inspection in the spector<br>with this inspection in the spector in | nnecticut having inspected the<br>this repair or replacement hat<br>his employer makes any ware<br>ector nor his employer shall be<br>ection. | e REPI<br>s been<br>ranty, e<br>e liable     | ACEMENT constructed in expressed or   |                           |
| Date: Inspector:   | fatt T Kirre  | -   | Comn   | nissions: <u>IL932, NB7742N</u><br>(State or Province,  | ISB<br>Natior                                | nal Board)                            |                           |

| •  |  |  |                                      |  |                                 |   |          |
|--|--|--|--------------------------------------|--|---------------------------------|---|----------|
| 1. Owner: Commonwealth Edison Commonwealth Edi |  |  | Cate                                 | gory 3   | . Д                             | ate: 1-20-9   | 4        |
| 2. Plant: Dresden Nuclear Power  | Station (Name)   |  |                                      | S  | heet: _1_                       | Of1_  |          |
| R.R. #1, Morris IL., 60  |  |  |                                      |  | Jnit: 02                        |   |          |
| 3. Work Performed By: Commonwealth I   | Edison Company (Na   | me)  | WR                                   | +D28595  |                                 |   | _        |
| R.R. #1, Morris,   | IL, 60450 (A   | Address)   |                                      |  | ization P.O<br>An 2-9           | . No., Job No. e<br>5-033   | tc.      |
| 4. Identification of System: 3000  |  |  |                                      |  |                                 |   | •        |
| 5. (a) Construction Code USAS B31.   |  | Edition 1  | na                                   | _ Addenda, Code Cases  | па                              |   |          |
| (b) Edition of Section XI used for Repai   | · -  |  |                                      | _  |                                 |   |          |
| •  |  |  | Au                                   | denda, Code Cases  | 114                             | •   |          |
| 6. Identification of Components Repaired of  | or Replaced and Replacemen   | t Components   |                                      | <del></del>  |                                 | <del></del>   | Т        |
| Name of<br>Component   | Name of Manufacturer   | Mfrs.<br>Serial No.  | Nat<br>Brd                           | Other ID   | Yr<br>Blt                       | Repair,<br>Replaced or  | Stam     |
|  |  |  | No                                   |  |                                 | Replacement   | Yes/     |
| SHUBBER 2.30198-59   | PACIFIC SCIENTIFIC   | 7412   | N/A                                  | PSA-10   | N/A                             | REPLACED  | No       |
| GNUBBER 2-3019B-59   | PACIFICSCIENTIFIC  | 17636  | N/A                                  | PSA-10   | NA                              | REPLACEMEN  | + NO     |
|  |  | - * .  |                                      |  |                                 |   |          |
|  |  |  |                                      | 1  |                                 |   |          |
|  |  |  |                                      |  |                                 |   |          |
|  |  |  |                                      |  |                                 |   |          |
| . Description of work:   | existing shubber   | WITHA  | nem                                  | enurgen si   | 504 B                           | 886   |          |
| Test Conducted: Hydrostatic [] Pr  Test Pressure  Remarks: SI#504E   | neumatic [ ] Nominal Opping Test Temper  | erating Pressure   | :[]<br>°F                            | Not Applicable [x]   |                                 |   | <u> </u> |
| 3. Test Conducted: Hydrostatic [ ] Pr  | neumatic [ ] Nominal Opping Test Temper  | erating Pressure   | :[]<br>°F                            | Not Applicable [x]   |                                 |   | <u> </u> |
| Test Pressure  Remarks: SI # 504 E   | psig Test Temper  psig Test Temper  Shubber  he problems  Cert  ais report are correct and this  | erating Pressure ature Coplace Lucce Foun  | °F I und                             | Not Applicable [x]  or new Snubb  Conforms to Securent)  -23, 1996   | er pre                          | eventative  | •        |
| Test Conducted: Hydrostatic [] Program  Remarks: SI#504E  main tenance program  We certify that the statements made in the Signed: Stendan C. C.   | psig Test Temper  Solo Shubbox  A, no problems  Cert  ais report are correct and this  LST Correct  (Title   | ature round  | of tind d.                           | Not Applicable [x]  or new Snubb  Conforms to Securent)  -23, 1996   | er pre                          | eventative  |          |
| Test Pressure  Test Pressure  Remarks:  SI # 504 E  Main Lenance program  We certify that the statements made in the Signed:  Signed:  (Owner or Owner's Designation of the Common of th | psig Test Temper  BSG Shubbox  A, he problems  Cert  ais report are correct and this  gnee)  Cert  Cert  Title  Cert  Titl | tificate of Inspectificate of Boild  | of und d                             | Conforms to Secment)  - 23 , 19 96  ressure Vessel Inspectors having inspected   | and the Sta                     | te or Province of   |          |
| Test Pressure  Test Pressure  Remarks:  SI # 504 E  Main Lenance program  We certify that the statements made in the Signed:  Signed:  Signed:  Cowner or Owner's Designed.  | psig Test Temper  BSG. Snubber  Snubber  Cert  This report are correct and this  gnee)  Cert  Title  Cert  Ti | ifficate of Composition of Boild (Repair or Profession)  Board of Boild (Repair or Profession)  It ifficate of Inspersion of Boild (Repair or Profession)  It ifficate of Inspersion of Boild (Repair or Profession) | of und disconnection ection er and P | Conforms to Secure Vessel Inspectors having inspected the lief, this repair or repetor nor his employer mainth inspector nor his employer main | and the Sta the Repl (Repair of | te or Province of ACCMENT Replacement) as been constructeranty, expressed | ed in    |

940097589-01 Doc.#14

| One First Nations  | (Name)<br>al Plaza, Chicago IL, 60690  | (Address)  |   |  | Date: _  | 3-29-96                                      |  |
|--|--|--|---|--|--|--|--|
| Plant: Dresden Nucl  | lear Power Station (   | Name)  | •                                       |  |  | Sheet: <u>1</u>                              |  |
|  | resden Road, Morris IL., 604   | 450  | (Address                                | i)   |  | Unit:  |  |
| Work Performed By:SAM  | IE AS ABOVE  |  | (Nan                                    | ne)  |  | 940094595 PLAN 2-95 rganization P.O. No., Jo |  |
| SAME   | E AS ABOVE   |  | _ (Addre                                | 288)   |  | -  | · .  |
| Identification of System: 15   |  |  | _                                       |  |  |  | -  |
| (a) Construction Code _  | USAS B31.1.0 , 1<br>I used for Repair/Replacement  | 19 <u>67</u> Editio  | n, <u>NO</u>                            |  |  |  |  |
| (b) Edition of Section XI<br>Identification of Components                              |  |  |   |  | da, Code C   | ases NONE                                    |  |
|  | T  | <del></del>  | T                                       | <del></del>  |  | <del></del>                                  | <del></del>                                      |
| Name of Component  | Name of Manufacturer   | Mírs.<br>Serial No.  | Nat<br>Brd<br>No                        | Other<br>ID  | YrB<br>lt  | Repair,<br>Replaced or<br>Replacement        | Code<br>Stamped<br>Yes/No                        |
| 2" PLUG VALVE (FOUR<br>WAY VALVE)  | XOMOX TUFLINE  | NONE   | N/A                                     | 2-1599-80B   | N/A  | REPLACED                                     | NO   |
| 2" PLUG VALVE (FOUR<br>WAY VALVE)  | XOMOX TUFLINE  | HEAT #<br>GKRI   | N/A                                     | SI #796H67   | N/A  | REPLACEMENT                                  | NO   |
|  | <del> </del>   | <del> </del>   |   | <del></del>  |  |  | 1  |
|  |  |  |   |  | 1  | 1  |  |
|  |  | <u> </u>   |   | <del></del>  |  | <del></del>                                  | <del>                                     </del> |
|  |  |  |   |  |  |  |  |
| Description of work: Valve v   | was difficult to operate (stem   | binding) and w   | as replac                               | ced with a new asse  | embly,   |  |  |
| Description of work: Valve v   |  | Iominal Operation  | ng Pressu                               | re [X ] Not Appl   | licable [ ]  |  |  |
| Fest Conducted: Hydrostation   | c [ ] Pneumatic [ ] N  Test Pressure 1   | Iominal Operation  | ng Presst                               | nre [X ] Not Appl  | licable [ ]  |  |  |
|  | c [ ] Pneumatic [ ] N  Test Pressure 1   | Iominal Operation  | ng Presst                               | nre [X ] Not Appl  | licable [ ]  |  |  |
| Fest Conducted: Hydrostation   | c [ ] Pneumatic [ ] N  Test Pressure 1   | Iominal Operation  | ng Presst                               | nre [X ] Not Appl  | licable [ ]  |  |  |
| Fest Conducted: Hydrostation   | c [ ] Pneumatic [ ] N  Test Pressure 1   | fominal Operation  65 psig  r CCSW Vault   | ng Presst Test Test Room co             | nre [X ] Not Appl mperature <u>AMBIEN</u> colers.  | licable [ ]  |  |  |
| Fest Conducted: Hydrostation   | C[] Pneumatic[] N  Test Pressure _1  operated four way valve four  | fominal Operation  65 paig  r CCSW Vault  Certifica  | Test Test Room co                       | mperature AMBIEN colers.   | licable [ ]  | of the ASME Code.                            |  |
| Test Conducted: Hydrostation Remarks: Valve is manually We certify that the statements | Test Pressure 1  operated four way valve four  | fominal Operation  65 psig  r CCSW Vault  Certificate and this RE  | Test Test Test Room co                  | mperature AMBIEN molers. mpliance MENT Conforms to   | licable [ ] YT *F  Section XI of   | of the ASME Code.                            |  |
| Remarks: Valve is manually  We certify that the statements                             | Test Pressure 1  operated four way valve four  | fominal Operation  65 paig  r CCSW Vault  Certifica  | Test Test Test Room co                  | mperature AMBIEN colers.   | licable [ ] YT *F  Section XI of   | of the ASME Code.                            |  |
| Remarks: Valve is manually  We certify that the statements                             | Test Pressure 1  operated four way valve four  | fominal Operation  65 psig r CCSW Vault  Certificate ect and this RE   | Test Test Test Room co                  | mperature AMBIEN molers. mpliance MENT Conforms to   | licable [ ] YT *F  Section XI of   | of the ASME Code.                            |  |
| Remarks: Valve is manually  We certify that the statements                             | Test Pressure 1  operated four way valve four  | Certificate ect and this REI   | Test Test Room co                       | mperature AMBIEN molers.  mpliance MENT Conforms to 3-29 (Date)                            | licable [ ] YT *F  Section XI of   | of the ASME Code.                            |  |
| Remarks: Valve is manually  We certify that the statements igned:                      | Test Pressure _1 operated four way valve four made in this report are corre  | Certificate the Control of Contro | Test Test Test Test Test Test Test Test | mperature AMBIEN solers.  mpliance MENT Conforms to 3-29 (Date)                            | licable []  F  Section XI of the section of the sec |  |  |
| Remarks: Valve is manually  We certify that the statements                             | Test Pressure1  operated four way valve four  made in this report are corre  Lasty IS  nerté Designee)  valid commission issued by team and Boiler Insurance and | Certifical color of the National Book dispersion Co  | Test Test Test Test Test Test Test Test | mpliance MENT Conforms to  3-29 (Date)  spection oiler and Pressure Veford, Connectictu ha | Section XI of Se | tors and the State or Pro                    | T  |

Date: 4-1-96 Inspector: Ly I Plany Commissions: IL932, NB7742NISB (State or Province, National Board)

|  |   | <del> </del>   |  |                                   |  |                                     |  |                        |
|--|---|--|--|-----------------------------------|--|-------------------------------------|--|------------------------|
| 1. Owner:_   | Commonwealth Edison C   | Company (Name<br>Chicago IL, 60690 (Addre  |  | ORY 3                             |  | -                                   | Date: 03/23/95   |                        |
|  | Dresden Nuclear Po  |  | <i>3</i> 0.7   |                                   |  | Sheet:                              | <u>1</u> Of <u>1</u>   |                        |
|  | R.R. #1, Morris IL.   |  |  |                                   |  | Unit:                               | 2  |                        |
| . Work Pe  | rformed By: SAME AS   | ABOVE  | (Name)   |                                   | 940093913-01   |                                     | AN 2-95-038<br>п Р.О. No., Job No. e   | <u> </u>               |
|  | SAME AS A   | ABOVE  | _ (Address)  |                                   | Repair Orga  | mizauo                              | II F.O. No., Job No. e   |                        |
| . Identifica   | ation of System:  |  |  |                                   | <u> </u>   |                                     |  | •                      |
| . (a) (  | Construction Code <u>B31.1.0</u>                              | ), 19_   | 67 Edition,  | NON                               | E Addenda, Code (  | Cases _                             | NONE   |                        |
| (b) E  | Edition of Section XI used t                                  | for Repair/Replacement 19 <u>89</u>  | Edition,   | NONE                              | Addenda, Code Cases  |                                     | NONE   |                        |
|  |   |  |  |                                   |  |                                     |  |                        |
| . Identifica   | tion of Components Repair                                     | red or Replaced and Replacem   | ent Components   | :<br>T                            | <del></del>  | <del></del>                         | <del></del>  | Τ                      |
|  | Name of<br>Component  | Name of Manufacturer   | Mfrs.<br>Serial No.  | Nat<br>Brd<br>No                  | Other<br>ID  | Yr<br>Blt                           | Repair,<br>Replaced or<br>Replacement  | Code<br>Stamp<br>Yes/N |
| CHECK  | VALVE 10" 300 LB.   | C & S VALVE CO.  | N/n  | MA                                | m/9  | MA                                  | REPLACED   | NO                     |
| CHECK  | VALVE 10" 300 LB.   | GULF VALVE CO.   | 28198-1-1  | M/A                               | MB-3D  | m/4                                 | REPLACEMENT  | NO :                   |
|  |   |  | ļ  |                                   |  | <u> </u>                            |  | <u> </u>               |
|  |   |  |  |                                   |  |                                     |  | <u> </u>               |
|  |   | ļ  |  |                                   |  | _                                   | <u> </u>   | <u> </u>               |
|  | <del></del>   |  |  |                                   |  |                                     |  | <u> </u>               |
| . Descripti  | on of work: rapla   | ced check va   | ve_  |                                   |  |                                     |  |                        |
|  | Test Pressure  Nont.  |  | Operating Pressu   |                                   | Not Applicable [ ]   |                                     |  |                        |
|  |   |  |  |                                   | -  |                                     |  |                        |
|  | y that the statements made  Signal A. Ca  (Owner or Owner's D | in this report are correct and the second term of the second seco |  | or Repla                          | Conforms to So   | ection 2                            | XI of the ASME Code.   |                        |
|  |   |  | Certificate of Ins   | -                                 |  |                                     |  |                        |
| I, the und   | ersigned, holding a valid c $1006$ , employed by              | ommission issued by the Nation   | onal Board of Bo   | iler and                          | Pressure Vessel Inspector having inspector   | rs and ted the                      | he State or Province of Replacement  | F<br>                  |
| described<br>accordance<br>implied, of<br>for any pe | in this report on 22 20 20 20 20 20 20 20 20 20 20 20 20      | SME Code. By signing this collacement described in this replamage or a loss of any kind a  | best of my know<br>ertificate neither<br>ort. Furthermore<br>rising from or co | wledge a<br>the insp<br>re, neith | and belief, this repair or re<br>sector nor his employer mer the inspector nor his en<br>I with this inspection. | R)<br>eplacen<br>akes ar<br>nployer | epair or Replacement) nent has been construct y warranty, expressed shall be liable in any | ed in<br>or<br>manner  |
| Date:  | 2-6-95 Inspector:   | lost I Par   | hely   | (                                 | Commissions: 16932<br>(State or  | / <i>Y/5</i><br>Provin              | 2742 # 15B<br>ce, National Board)  | <del>-</del>           |

| I. Owner: ComEd Company One First National  |   |   |   |  | _   |  | 1.1  |
|---|---|---|---|--|---|--|--|
|   | (Name)<br>l Plaza, Chicago IL, 60690  | (Address)   |   |  | Date: _   | 5-7-96   |  |
| . Plant: Dresden Nucle  | ear Power Station (esden Road, Morris IL., 60   | (Name)  |   |  |   | Sheet: 1   |  |
| 6500 North Dre  | esden Road, Morris IL., 604   | 450   | (Address                                | s) .   |   | Unit:  | 2  |
| . Work Performed By: <u>Bechte</u>  | el Construction   | (Name)  |   |  | WR 940095<br>Repair O   | 125 Plan 2-95-056 rganization P.O. No., Jo   | b No. etc.   |
| Gaither   | rsberg, MD 20877  | (Address  | s)                                      |  |   | -8   |  |
| . Identification of System:1  | 300 ISOLATION CONDE   | NSER  |   |  |   |  |  |
| . (a) Construction Code   | USAS B31.1.0 • used for Repair/Replaceme  | , 19 <u>67</u>  | Editi                                   | on, <u>NO</u> Adden  | nda, Code (<br>da, Code C   |  | 11 -1  |
|   |   | _   |   |  | ida, Code C   | ases N498-T N 4  | 16-1   |
| . Identification of Components  | Repaired or Replaced and I  | Kepiacement Co  | mponent                                 | S<br>  |   | <u> </u>   |  |
| Name of<br>Component  | Name of Manufacturer  | Mfrs.<br>Serial No.   | Nat<br>Brd<br>No                        | Other<br>ID  | Yr<br>Blt   | Repair,<br>Replaced or<br>Replacement  | Code<br>Stamped<br>Yes/No                            |
| A182 Grade F304L 12"<br>Weld-o-let  | Unknown   | Heat<br>AAMV  | N/A                                     | SI #815A28   | N/A   | REPLACEMENT  | NO   |
| A182 Grade F304L 1500#<br>Weld Neck flange  | Unknown   | None  | N/A                                     | SI #815B28   | N/A   | REPLACEMENT  | NO   |
| A193 Grade B7 Bolts (11/4" X 7")  | Unknown   | 'None -   | N/A                                     | SI #768C97   | N/A   | REPLACEMENT  | NO:  |
| A194 Grade 2H Nuts (1 1/4")   | Unknown   | None  | N/A                                     | SI #774F83   | N/A   | REPLACEMENT  | NO   |
|   | ·   |   |   |  | ┷   |  | <u> </u>   |
|   |   | ľ   | 1                                       |  |   |  |  |
|   |   |   |   |  |   |  |  |
| . Description of work: Installe   | d a decontamination tap on  | to Isolation Con-   | denser li                               | ne 2-1303-12"-A per  | r Plant Char  | nge E12-2-95-209.  |  |
| Description of work: Installe   | ed a decontamination tap on   | to Isolation Con  | denser li                               | ne 2-1303-12"-A per  | r Plant Char  | nge E12-2-95-209.  |  |
|   |   | to Isolation Con  |   |  | r Plant Char  | nge E12-2-95-209.  |  |
|   |   | Nominal Operation   | ng Press                                |  | licable [ ]   | nge E12-2-95-209.  |  |
| Test Conducted: Hydrostatic   | c[] Pneumatic[] N Test Pressure 1   | Nominal Operation   | ng Pressi<br>Test Te                    | ure [ X] Not App   | licable [ ]   |  | Generic Letter                                       |
| Test Conducted: Hydrostatic   | c[] Pneumatic[] N Test Pressure 1   | Nominal Operation   | ng Pressi<br>Test Te                    | ure [ X] Not App   | licable [ ]   |  | Generic Letter                                       |
| . Test Conducted: Hydrostatic   | c[] Pneumatic[] N Test Pressure 1   | Nominal Operation   | ng Pressi<br>Test Te                    | ure [ X] Not App   | licable [ ]   |  | Generic Letter                                       |
| . Test Conducted: Hydrostatic   | c[] Pneumatic[] N Test Pressure 1   | Nominal Operation  O40 psig  Iding to address   | Test Te                                 | ure [ X] Not App<br>emperature 200<br>concerns. New welds  | licable [ ]   |  | Generic Letter                                       |
| . Test Conducted: Hydrostatic   | Test Pressure 1   | Nominal Operation  O40 psig  Iding to address  Certifica  | Test Test Test GSCC co                  | ure [ X] Not Appemperature 200 concerns. New welds   | licable []<br>_°F<br>s will be in i                                       | nspection category A per   | Generic Letter                                       |
| Test Conducted: Hydrostatic Remarks: Installed decontami  | Test Pressure 1   | Nominal Operation  O40 psig  Iding to address  Certifica  | Test Test Test Test GSCC of the of Co   | emperature 200 concerns. New welds mpliance MENT Conforms to   | licable [ ]  F s will be in i   | nspection category A per   | Generic Letter                                       |
| Test Conducted: Hydrostatic Remarks: Installed decontami  | Test Pressure 1   | Nominal Operation  O40 psig  Iding to address  Certificate and this RE  | Test Test Test Test GSCC of the of Co   | ure [ X] Not Appemperature 200 concerns. New welds   | licable [ ]  F s will be in i   | nspection category A per   | Generic Letter                                       |
| Remarks: Installed decontami  We certify that the statements  Signed: Dundan  | Test Pressure 1   | Odo psig  Iding to address  Certifica rect and this RE  | Test Test Test Test GSCC of the of Co   | emperature 200 concerns. New welds mpliance MENT Conforms to   | licable [ ]  F s will be in i   | nspection category A per   | Generic Letter                                       |
| Remarks: Installed decontami  We certify that the statements  Signed: Dundan  | Test Pressure 1   | Odo psig  Iding to address  Certifica rect and this RE  | Test Test Test Test Test Test Test Test | mpliance MENT Conforms to  5-8 (Date)  | licable [ ]  F s will be in i   | nspection category A per   | Generic Letter                                       |
| Signed: Brendan (Owner or Own   | Test Pressure 1 ination tap with heat sink we made in this report are corn  Classy 1 iner's Designee)   | Odo psig  Iding to address  Certifica rect and this RE  SI COORDINA' (Title)  Certifica   | Test Test Test Test Test Test Test Test | mpliance MENT Conforms to  (Date)  | licable []  oF  s will be in i  | nspection category A per   |  |
| Test Conducted: Hydrostatic Remarks: Installed decontami  We certify that the statements Signed: Owner or Own  I, the undersigned, holding a vemployed by The Hartford Ste                                | Test Pressure 1 ination tap with heat sink we made in this report are corr  Lucy 1 iner's Designee)  valid commission issued by tam and Boiler Insurance an   | Certifica rect and this RE SI COORDINA' (Title)  Certifica the National Board Inspection Co                                       | Test Test Test Test Test Test Test Test | mpliance MENT Conforms to  (Date)  spection  oiler and Pressure V  fford, Connectictu h  | Section XI 996  | of the ASME Code.  | vince of Illinoi<br>T                                |
| Remarks: Installed decontami  We certify that the statements  Signed: (Owner or Own  I, the undersigned, holding a vemployed by The Hartford Stedescribed in this report on accordance with Section XI of | Test Pressure 1 ination tap with heat sink we made in this report are corr  Classy 1 news Designee)  valid commission issued by earn and Boiler Insurance an -/2 . 19 46 and sta the ASME Code. By signi        | Certifica rect and this RE SI COORDINA' (Title)  Certifica the National Board Inspection Coate to the best of ing this certifical | Test Test Test Test Test Test Test Test | mpliance MENT Conforms to  (Date)  spection  oiler and Pressure V tford, Connectict has weldedge and belief, to the inspector nor h                    | Section XI 9 96  essel Inspectaving inspectation is repair of is employer | of the ASME Code.  Stors and the State or Proceed the REPLACEMEN r replacement has been comakes any warranty, ex | vince of Illinoi<br>T<br>Onstructed in<br>pressed or |
| Remarks: Installed decontami  We certify that the statements  Signed: Owner or Own  I, the undersigned, holding a vemployed by The Hartford Stedescribed in this report on L                              | Test Pressure 1 ination tap with heat sink we made in this report are corr  Classian  walid commission issued by tam and Boiler Insurance an  1946 and sta  the ASME Code. By signi or replacement described in | Certifica rect and this RE SI COORDINA' (Title)  Certifica the National Bo dd Inspection Co ing this certifica the to the best    | Test Test Test Test Test Test Test Test | mpliance MENT Conforms to  (Date)  spection  oiler and Pressure V ford, Connectictu h wledge and belief, to the inspector nor h re, neither the inspe- | Section XI 9 96  essel Inspectaving inspection is employer ctor nor his   | of the ASME Code.  Stors and the State or Proceed the REPLACEMEN r replacement has been comakes any warranty, ex | vince of Illinoi<br>T<br>Onstructed in<br>pressed or |

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| 1. Owner: <u>Commonwealth</u>   |   |  |  |  |                     |  |  |
|---|---|--|--|--|---------------------|--|--|
| One First Nation  |   | (Name)   |  |  |                     | Date: 11-09-95   | -  |
|   | nal Plaza. Chicago IL. 60690  |  |  |  |                     | heet: _1_ Of _2  |  |
|   | uclear Power Station  1 Dresden Road, Morris IL.  | (Name)<br>_60450_(Addres   | ss)  |  |                     | Unit:02  |  |
| 3. Work Performed By:   | BECHTEL CONSTRUCTOR   | RS (Name)  |  |  | WR # D              | 016505. MOD. # P12-2-  | 94-208   |
| GA  | ITHERSBERG. MD 2087   | 7 (Address)  |  |  | _                   | Organization P.O. No., J   |  |
| I. Identification of System:  |   |  |  |  | IT                  | gair Plan 2-95   | 5-05/  |
| (a) Construction Code   | EDITION   | 25-96  | Edition.   | None   | Adda-da Ca          | de Cases <u>None</u>   |  |
|   |   |  | ,  |  | •                   |  | <del></del>  |
|   | used for Repair/Replacement   |  |  | ne Addenda,  | Code Cases _        | None .   | <del></del>  |
| 6. Identification of Compone  | ents Repaired or Replaced and   | Replacement Cor  | nponents   |  | <u> </u>            |  |  |
| Name of Component   | Name of Manufacturer  | Mfrs.<br>Serial No.  | Nat<br>Brd   | Other<br>ID  | Yr                  | Repair,<br>Replaced or   | Code<br>Stamped  |
| Component   |   | Schai No.  | No   |  | Blt                 | Replacement  | Yes/No   |
| 3/4" THK. PLATE   | Unknown   | HEAT #<br>K 35 970   | N/A  | SI # 781D43  | N/A                 | REPLACEMENT  | NO   |
| 1" THK. PLATE   | Unknown   | HEAT #<br>42331  | NA   | SI # 770F00  | NA                  | REPLACEMENT  | NO   |
| 3/4" MAX-BOLTS  |   |  |  | SI # 792H03  |                     | REPLACEMENT  | No   |
| 1" HILTI BOLT   |   |  |  | SI # 799C95  |                     | REPLACEMENT  | NO   |
| ANGLE, 4" X 3" X 1/2"   | Unknown   | HEAT #<br>64028  | N/A  | SI # 796G75  | N/A                 | REPLACEMENT  | NO   |
| TUBE STEEL 4" X 4"  | Unknown   | HEAT # 851952  | NA   | SI # 770G89  | NA                  | REPLACEMENT  | NO   |
| . Test Conducted: Hydros  | static [ ] Pneumatic [ ]  | Nominal Operatir   | g Pressure   | [ ] Not Applic   | cable [X ]          | ·  |  |
| Test Programmes: Modified   | flued head Suppo  | Test Temperature   | ist ir   | r order to   | o replace           | c containment<br>nd fabricated r   | rew  |
| Test Pi<br>Remarks: Modified<br>Dellaux assembly<br>Support.  | flued head suppo<br>at Penctration  | rt to ass<br>X-16A, R  | ist ir   | v order to   |                     | nd fabricated r  | rey  |
| Test Pi<br>Remarks: Modified<br>bellow assembly<br>Support.  We certify that the statemen   | flued head support are co   | rt to ass<br>X-16A, R  | ist ir   | cxisting S   | Section XI of       | f the ASME Code.   | rew  |
| Test Programmes: Modified hellows assembly support.   | flued head support are co   | Certific   | ist ir   | cxisting S   | Section XI of       | nd fabricated r  | rew  |
| Test Pi<br>Remarks: Modified<br>hellows assembly<br>Support.  | flued head support are co   | Certific   | ist ir   | cxisting s  npliance ONT Conforms to   | Section XI of       | f the ASME Code.   | ray  |
| Test Property.  We certify that the statemen  | flued head support are co   | Certific   | ist ir   | npliance On Conforms to  (Title)   | Section XI of       | f the ASME Code.   | rew  |
| I, the undersigned, holding ILLINOIS, employed by T described in this report on accordance with Section X implied, concerning the rep any personal injury or prop | a valid commission issued by the Hartford Steam Boiler Ins.  3 - 7 , 1976 and significant or replacement described erty damage or a loss of any | Certific rect and this REI STATE THE NATIONAL BOAR UTANCE and Inspectate to the best of ning this certificatin this report. Further than the state of the national Boar utance and Inspectate to the best of ning this certificatin this report. Further than the national Boar utance and Inspectate to the best of ning this certification this report. Further than the national Boar utance and Inspectation the national Boar utance and Inspectation that the national Boar utance and Inspectation the national Boar utance and Inspectation that the national Boar utance and Inspectation the nation | ate of Cordinate of Instance o | npliance ONT Conforms to nator (Title)  r and Pressure Ves of Hartford, Conne dge and belief, this ne inspector nor his neither the inspect ed with this inspect | Section XI of /- 2. | s and the State or Proving inspected the REPLACI placement has been constakes any warranty, expraployer shall be liable in | ce of<br>EMENT<br>tructed in<br>essed or<br>any manner for |
| I, the undersigned, holding ILLINOIS, employed by T described in this report on accordance with Section X implied, concerning the rep any personal injury or prop | a valid commission issued by the Hartford Steam Boiler Ins.  3 - 7 , 1996 and stair of the ASME Code. By signer or replacement described        | Certific rect and this REI STATE THE NATIONAL BOAR UTANCE and Inspectate to the best of ning this certificatin this report. Further than the state of the national Boar utance and Inspectate to the best of ning this certificatin this report. Further than the national Boar utance and Inspectate to the best of ning this certification this report. Further than the national Boar utance and Inspectation the national Boar utance and Inspectation that the national Boar utance and Inspectation the national Boar utance and Inspectation that the national Boar utance and Inspectation the nation | ate of Cordinate of Instance o | npliance ONT Conforms to nator (Title)  r and Pressure Ves of Hartford, Conne dge and belief, this ne inspector nor his neither the inspect ed with this inspect | Section XI of /- 2. | s and the State or Proving inspected the REPLACI   | ce of<br>EMENT<br>tructed in<br>essed or<br>any manner for |

| 1. Owner: Commonwealth |   | (Name)              |                  |                 |           | Date: <u>11-09-95</u>                         | ·                         |
|------------------------|---|---------------------|------------------|-----------------|-----------|---|---------------------------|
| 2. Plant:Dresden Nu    | nal Plaza. Chicago IL. 60690  Iclear Power Station  Dresden Road. Morris IL | _(Name)             | s)               |                 |           | heet: <u>2</u> Of <u>2</u> Unit: <u>02</u>    |                           |
| GA                     | BECHTEL CONSTRUCTORS  |                     |                  |                 |           | 16505. MOD. # P12-2<br>Organization P.O. No., |                           |
| • •                    | EDITION   | 1989 Edition        | -                | None Addenda, C | •         | de Cases <u>None</u><br>None                  |                           |
| Name of Component      | Name of Manufacturer  | Mfrs.<br>Serial No. | Nat<br>Brd<br>No | Other<br>ID     | Yr<br>Blt | Repair,<br>Replaced or<br>Replacement         | Code<br>Stamped<br>Yes/No |

| Name of<br>Component  | Name of Manufacturer | Mfrs.<br>Serial No. | Nat<br>Brd | Other<br>ID   | Yr      | Repair,<br>Replaced or | Code<br>Stamped |
|-----------------------|----------------------|---------------------|------------|---------------|---------|------------------------|-----------------|
| -                     | 1                    |                     | No         |               | Blt     | Replacement            | Yes/No          |
| ANGLE 6" X 4" X 1/2"  | Unknown              | HEAT #<br>A30047    | NA         | SI # 764D91   | N/A     | REPLACEMENT            | No              |
| ANĞLE 2 1/2" X 2 1/2" | Unknown              | PEAT #<br>559311627 | N/A        | SI # 786H67   | N/A     | REPLACEMENT            | NO              |
| PLATE 5/8" X 8"       | Unknown              | HEAT #<br>K27789    | NA         | SI # 780H58   | N/A     | REPLACEMENT            | NO              |
| PLATE 1/2" X 4"       | Unknown              | HEAT #<br>1- 67927  | N/A        | SI # 769H84   | N/A     | REPLACEMENT            | NO              |
| PLATE 1/2" X 4"       | Unknown              | HEAT #<br>802W43990 | N/A        | SI # 802D61   | N/A     | REPLACEMENT            | NO              |
| Flued Head            | Un Known             | N/A                 | NA         | X-116A        | Unknown | Replaced               | NO              |
| Anchor Support        |                      |                     |            |               |         |                        |                 |
| at functivation       |                      |                     |            |               |         |                        |                 |
| X-116A                |                      |                     |            |               |         |                        |                 |
|                       |                      |                     |            |               |         |                        |                 |
|                       |                      |                     |            |               |         |                        |                 |
|                       |                      |                     |            | _             |         |                        |                 |
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|                       |                      |                     |            |               |         |                        |                 |
|                       |                      |                     |            |               |         |                        |                 |
|                       |                      |                     |            |               |         |                        |                 |
|                       |                      |                     |            |               |         |                        |                 |
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|                       |                      |                     |            |               |         |                        |                 |
|                       |                      |                     |            | - <del></del> |         |                        |                 |

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|   | Edison Company<br>nal Plaza, Chicago IL, 60690   |  |  |   |   | Date: 11-10-95   |                                  |
|---|--|--|--|---|---|--|----------------------------------|
|   | iclear Power Station   | (Name)   |  |   |   | Sheet: _1_ Of _2   | •                                |
|   | h Dresden Road. Morris IL  |  | s)   |   |   | Unit:02  |                                  |
| . Work Performed By:  | BECHTEL CONSTRUCTOR  | RS (Name)  |  |   |   | 016506. MOD. # P12-2-<br>ganization P.O. No., Job                        |                                  |
| _G,   | AITHERSBERG. MD 208  | 77 (Address)   |  |   |   | Plan 2-95-65   | 8                                |
| . Identification of System: _   |  |  |  | _   |   |  |                                  |
| (a) Construction Code   |  | •, F   | Edition,   | None  | Addenda, Co   | de Cases <u>None</u>   |                                  |
| (b) Edition of Section XI u   | BGC (-25-96)<br>used for Repair/Replacement  | _1989 Edition  | n,No   | ne Addenda,   | Code Cases _  | None .   |                                  |
| Identification of Compone   | nts Repaired or Replaced and   | l Replacement Con  | nnonents   |   |   |  |                                  |
| <u> </u>  | <del></del>  |  | <del></del>  |   | T   | T T  |                                  |
| Name of Component   | Name of Manufacturer   | Mfrs.<br>Serial No.  | Nat<br>Brd   | Other ID  | Yr  | Repair,<br>Replaced or   | Code<br>Stamped                  |
|   |  |  | No   |   | Blt   | Replacement  | Yes/No                           |
| TUBE STEEL 6" X 6"  | Unknown  | HEAT #<br>B4232  | NA   | SI # 771C65   | N/A   | REPLACEMENT  | No                               |
| TUBE STEEL 4" X 4"  | Unknown  | HEAT #<br>911468   | N/A  | SI # 789G88   | NA  | REPLACEMENT  | NO                               |
| PLATE 1 1/2"  | Unknown  | HEAT #<br>52605  | N/A  | SI#770G00   | N/A   | REPLACEMENT  | NO                               |
| PLATE 1 1/4"  | Unknown  | HEAT #   | NA   | SI # 784G82   | NA  | REPLACEMENT  | NO                               |
| PLATE 1"  | Unknown  | HEAT #   | N/A  | SI # 770F00   | NA  | REPLACEMENT  | NO                               |
| PLATE 1/2"  | Unknown  | 14EAT #  | NA   | SI # 780B59   | NA  | REPLACEMENT  | MO                               |
| Test Pr   | ressure psig   |  | ·<br>  | °F  |   | stall new bel  | llows                            |
|   |  | Certific   | ate of Cor   | nnliance  |   |  |                                  |
| We certify that the statemen  | nts made in this report are co   |  |  |   |   |  |                                  |
| Signed: 45/Undam<br>(Owner or Or  | Mer's Designee)  |  | I Coordi   | (Title)   | 1-25  | 19 <u>96</u><br>(Date)   |                                  |
|   |  |  |  |   |   |  |                                  |
|   |  | Certific   | ate of Ins   | pection   |   |  |                                  |
| ILLINOIS, employed by T described in this report on accordance with Section X implied, concerning the rep any personal injury or prop | I of the ASME Code. By sig<br>air or replacement described<br>erty damage or a loss of any | nurance and Inspect tate to the best of number of this certificate in this report. Fur kind arising from the control of the co | tion Co. on<br>my knowle<br>e neither the<br>or connection | of Hartford, Conne<br>dge and belief, this<br>he inspector nor hi<br>neither the inspec | cticut having<br>s repair or re<br>s employer n<br>tor nor his en | inspected the REPLACI<br>placement has been constakts any warranty, expr | EMENT<br>tructed in<br>ressed or |
| Date: 3-7-96 In   | spector: Ruff  | 1 Karing   | <u>,                                     </u>              | Commissions:  | <u></u> I   | L932, NB7742NISB<br>te or Province, National                             |                                  |
|   |  |  |  |   | (Sta  | te or Province, National   | Board)                           |

| n | • |  |
|---|---|--|
|   |   |  |

| 1. Owner: Commonwealth Edison Company (Name) One First National Plaza, Chicago IL, 60690 (Address) | Date: 11-09-95  |
|--|---|
|  | Sheet: 2 Of 2   |
| 2. Plant:  | Unit:02   |
| 3. Work Performed By: <u>BECHTEL CONSTRUCTORS</u> (Name)   | WR # D16506. MOD. # P12-2-94-209 Repair Organization P.O. No., Job No. etc. |
| GAITHERSBERG. MD 20877 (Address)   | Plan 2-95-058   |
| 4. Identification of System: 2-1300. PENE. X-108A  | 114A 2-45-038   |
| EDITION  |   |
|  | Addenda, Code CasesNone   |
| (b)Edition of Section XI used for Repair/Replacement 1989 Edition, None Adden                      | ida, Code Cases   |

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of<br>Component  | Name of Manufacturer | Mfrs.<br>Serial No. | Nat<br>Brd<br>No | Other<br>ID | Yr<br>Blt     | Repair,<br>Replaced or<br>Replacement | Code<br>Stamped<br>Yes/No |
|-----------------------|----------------------|---------------------|------------------|-------------|---------------|---------------------------------------|---------------------------|
| BAR-STOCK, FLAT 3/8"  | Unknown              | HEAT # 64190        | N/A              | SI # 801A11 | NA            | REPLACEMENT                           | NO                        |
| ANGLE , 8" X6" X1"    | Unknown              | HEAT #              | NA               | SI # 815B38 | N/A           | REPLACEMENT                           | NO                        |
| ANGLE, 4" X 3" X 1/2" | Valknown             | HEAT #<br>V 53739   | NA               | SI # 796G75 | N/A           | REPLACEMENT                           | NO                        |
| ANGLE, 3" X 2" X 1/2" | Unknown              | HEAT #<br>53315B    | NA               | SI # 813F16 | NA            | REPLACEMENT                           | NO                        |
| THROUGH BOLT 3/4"     | Unknown              | HEAT #<br>8876361   | NA               | SI # 815D38 | NA            | REPLACEMENT                           | NO                        |
| ALL THREADED ROD      | Unknown              | HEAT #<br>8862704   | MA               | SI # 815C38 | NA            | REPLACEMENT                           | No                        |
| HEX NUT, 3/4"         | Unknown              | HEAT LOOE           | MA               | SI # 796D01 | N/A           | REPLACEMENT                           | NO                        |
| HEX NUT, 1"           | Unknown              | HEAT WOE            | NA               | SI# 796D05  | N/A           | REPLACEMENT                           | NO                        |
| PLATE 1/2"            | Unknown              | HEAT GOC<br>30238   | N/A              | SI # 779B98 | N/A           | REPLACEMENT                           | NO                        |
| Flued Head            | Unknown              | N/A                 | N/A              | X-108A      | UNKNOWN       | REPLACED                              | NO                        |
| Anchor Support        |                      |                     |                  |             |               |                                       |                           |
| at Penetration        |                      |                     |                  |             |               |                                       |                           |
| X-108A                | -                    |                     | ļ                |             |               |                                       |                           |
|                       |                      |                     |                  |             | <del>  </del> |                                       |                           |
|                       |                      |                     |                  |             |               |                                       |                           |
|                       |                      |                     |                  |             |               |                                       |                           |
|                       |                      |                     |                  |             |               | <del></del>                           |                           |
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|                       | <del> </del>         | <del> </del>        |                  | <del></del> | <del>  </del> |                                       |                           |

#### ATTACHMENT 1

#### NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

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| Olic Plist Mational Plaza. C  | hicago IL.,60690   |  |                             |  | D         | nte: <u>5-19-95</u>                         | -                        |
|---|--|--|-----------------------------|--|-----------|---|--------------------------|
| Plant: Dresden Nuclear Power Sta  |  |  |                             |  | Sh        | eet: <u>1</u> Of <u>1</u>                   |                          |
| 6500 N. Dresden Road, M.  | orris IL., 60450   |  |                             |  |           | Unit:2                                      |                          |
| Work Performed By: SAME AS A  | ABOVE  | (N                                       | (ame)                       |  |           | (PLAN 2-95-066)<br>zation P.O. No., Job No. | etc                      |
| SAME AS A   | BOVE   | (A                                       | ddress)                     |  |           |   |                          |
| Identification of System: 1500 LI   | CI •   |  |                             |  |           |   |                          |
|   | B31.1.0 , 19<br>for Repair/Replacement 19<br>ired or Replaced and Replacement 19                                 | 89 Edition, N                            | O Add                       |  |           |   |                          |
| Name of<br>Component  | Name of Manufacturer   | Mfrs.<br>Serial No.                      | Nat<br>Brd<br>No            | Other<br>ID  | Yr<br>Blt | Repair,<br>Replaced or<br>Replacement       | Code<br>Stampe<br>Yes/No |
| Line #2-1533A-2"-D  | UNKNOWN  | N/A                                      | N/A                         | 2" A106 Grade B<br>Schdule 80  | N/A       | REPAIR                                      | МО                       |
|   | (  | N  |                             |  |           |   | ₹ + .s <sub>i</sub> .    |
|   |  |  |                             |  |           |   |                          |
|   |  | <u> </u>                                 | ļ                           |  | ļ         |   |                          |
|   |  |  |                             | · · · · · · · · · · · · · · · · · · ·  | ļ         |   |                          |
|   |  | <u> </u>                                 | <u> </u>                    |  | <u> </u>  | <u> </u>                                    | 1                        |
|   | mum flow line nine by cutting  | ng at socket weld                        |                             |  | 2A LPCI   | pump motor. After mot                       | or is reinsta            |
| Description of work: Remove mini attach pipe with socket weld at original   |  | ig at socket wen                         | to accor                    | mmodate removal of .   |           | _   |                          |
| attach pipe with socket weld at origi   | nal location.  | <del></del>                              |                             |  | pplicable |   |                          |
| attach pipe with socket weld at original tast Conducted: Hydro  | nal location.  Ostatic [ ] Pneumatic [ ]   | Nominal Op                               | erating P                   | ressure [X ] Not A   |           |   |                          |
| Test Conducted: Hydro   | nal location.  ostatic [ ] Pneumatic [ ]  Pressure   | Nominal Op                               | erating Prature Ar          | ressure [X] Not A  |           |   |                          |
| attach pipe with socket weld at original tast Conducted: Hydro  | nal location.  ostatic [ ] Pneumatic [ ]  Pressure   | Nominal Op                               | erating Prature Ar          | ressure [X] Not A  |           |   |                          |
| Test Conducted: Hydro   | nal location.  ostatic [ ] Pneumatic [ ]  Pressure   | Nominal Op                               | erating Prature Ar          | ressure [X] Not A  |           | []  |                          |
| Test Conducted: Hydro   | nal location.  ostatic [ ] Pneumatic [ ]  Pressure   | Nominal Op<br>Test Temper                | erating Prature Arg         | ressure [X] Not A<br>hbient "F<br>einstalled   |           | []  |                          |
| Test Conducted: Hydro   | nal location.  Ostatic [ ] Pneumatic [ ]  Pressure 134 psig  Thing pipe after                                    | Nominal Operates Temperature Transfer we | erating Prature Agrass C    | ressure [X] Not A  Not A  reinstalled.   | pplicable |   |                          |
| attach pipe with socket weld at originate the pipe with socket well at originate the pipe with the pipe | nal location.  Ostatic [ ] Pneumatic [ ]  Pressure 134 psig  Thing pipe after                                    | Nominal Operation of this REPAIR         | erating Prature Agrass C    | ressure [X] Not A  Not A  Thich I'F  Thich I'E  Thich I | pplicable |   |                          |
| Test Conducted: Hydro Test I Remarks: Rewelded exis   | ostatic [ ] Pneumatic [ ]  Pressure 134 psig  Thing pipe after  in this report are correct an  Casey ISI Coordin | Nominal Operation of this REPAIR         | ature Amazon Complian       | ressure [X] Not A  Not A  Thich I'F  Thich I'E A  Thich I | pplicable |   |                          |
| Test Conducted: Hydro Test I Remarks: Rewelded exis   | ostatic [ ] Pneumatic [ ]  Pressure 134 psig  Thing pipe after  in this report are correct an  Casey ISI Coordin | Nominal Operation of this REPAIR         | ature Age  Complian Conform | ressure [X] Not Anbien Triff reinstalled.  see s to Section XI of the  | pplicable |   |                          |

replacement described in this 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: | 5-14-96 | Inspector: | Kart | <br>lew | <u> </u> | Commissions: | IL932, | NB7742NISB          |          |        |
|-------|---------|------------|------|---------|----------|--------------|--------|---------------------|----------|--------|
|       |         |            | •    |         | ,        |              |        | (State or Province, | National | Board) |

| Component Serial No. Brd No ID Blt Replaced or Replaced or Replacement Yes MSIV 2-0203-1A SEAT CRANE VALVE UNKNOWN N/A NONE N/A REPLACED NO MSIV 2-0203-1A GUIDE CRANE VALVE UNKNOWN N/A NONE N/A REPLACED NO MSIV 2-0203-1A BONNET UNKNOWN UNKNOWN N/A A193 Gr.B7/A194 Gr.2H N/A REPLACED NO STUDS (5)/NUTS (10) N/A SI #570D55 94 REPLACEMENT NO MSIV 2-0203-1A GUIDE CRANE-ALOYCO C3932 N/A SI #570D55 94 REPLACEMENT NO MSIV 2-0203-1A GUIDE CRANE-ALOYCO C4188 N/A SI #812C89 N/A REPLACEMENT NO LINER UPGRADE KIT  | 6500 North Dress   |   | 90 (Address)  |                                     |   |   | Sheet   | :: _10       |
|--|--|---|---|-------------------------------------|---|---|---|--------------|
| Identification of System:   0203 MAIN STEAM   1967 Edition, NO Addenda, Code Cases NONE  |  | r Power Station (Nden Road, Morris IL., 604                               | Iame)<br>50(A   | ddress)                             |   |   | Unit:2  | _            |
| Identification of System:  | Work Performed By: BECHTE  | L CONSTRUCTORS  | (Na   | me)                                 |   |   |   |              |
| Identification of System:  | GAITHER  | SBERG, MD 20877   | (^  | (ddress)                            |   | Repai                                       | r Organization P.O. N   | io., Job     |
| Name of   Name of Manufacturer   Mfrs.   Serial No.   Brd   ID   Blt   Replaced or Replacement Components  | Identification of System:020   | 03 MAIN STEAM   |   | •                                   |   |   |   |              |
| Name of Components State Policy of Manufacturer Serial No. Page 10 resplaced and Replacement Components Serial No. Page 110 Page              | (a) Construction Code USA  | AS B31.1.0  | _, 19 <u>67</u> Edition,  | NO Ado                              | denda, Code Cases NONE  |   |   | · - <u>-</u> |
| Serial No.   Brd   ID   Blk   Replaced or   Star   | (b) Edition of Section XI us<br>Mdentification of Components I                                 | iscu for Repail/Replacement   | ı. 17 <u>07 E</u> dillioli, <u>1</u>  | NO Audi                             | chua, Code Cases HONE   |   |   |              |
| Serial No.   Brd   ID   Blk   Replaced or   Star   | <del></del> -  |   | Τ   |                                     | <del></del>   | T   |   | <del></del>  |
| No   |  | Name of Manufacturer  | Mfrs.<br>Serial No.   |                                     |   |   | Replaced or   | Co<br>Stan   |
| MSIV 2-0203-1A GUIDE CRANE VALVE UNKNOWN N/A NONE N/A REPLACED NO STUDS (5)/NUTS (10) UNKNOWN UNKNOWN N/A A193 Gr.B7/A194 Gr.2H N/A REPLACEMENT NO STUDS (5)/NUTS (10) UNKNOWN N/A A193 Gr.B7/A194 Gr.2H N/A REPLACEMENT NO STUDS (5)/NUTS (10) UNKNOWN N/A SI #570D55 94 REPLACEMENT NO RING STUDS (5)/NUTS (10) UNKNOWN HT #923971 N/A SI #570D55 94 REPLACEMENT NO MSIV 2-0203-1A GUIDE CRANE-ALOYCO C4188 N/A SI #812C89 N/A REPLACEMENT NO MSIV 2-0203-1A BONNET UNKNOWN HT #923971 N/A STUDS: SI #570C87 & N/A REPLACEMENT NO STUDS (5)/NUTS (10) UNKNOWN HT EAW STUDS: SI #570C87 & N/A REPLACEMENT NO STUDS (5)/NUTS (10) UNKNOWN HT EAW N/A STUDS: SI #570C87 & N/A REPLACEMENT NO STUDS (5)/NUTS (10) The search of the statement of the search of the statement of the search of the configuration of the "Y" pattern glid thus two different SI numbers for studs.  Certificate of Compliance  We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.  Signed: Land Land Jacky ISI COORDINATOR 3-9 1996  Certificate of 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 Illinois employed by The Hartford Seam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT  Certificate of 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 Illinois employed by The Hartford Seam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspector the REPLACEMENT accordance with Section XI of the ASME Code. 1976 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. 1976 and state to the best of my knowledge and belief, this              |  |   |   |                                     |   | <del>  -</del> _!                           |   | Yes          |
| LINER  MSIV 2-0203-1A BONNET STUDS (5)/NUTS (10)  MSIV 2-0203-1A SEAT RING  CRANE-ALOYCO  C3932  N/A  SI #570D55  94  REPLACEMENT NO  MSIV 2-0203-1A GUIDE LINER UPGRADE KIT  MSIV 2-0203-1A BONNET UNKNOWN  HT #923971 HT EAW  Description of work: Replaced existing valve seat and guide liner with new seat ring and upgraded guide liner kit per Minor Plant Change E12-2-95-201. State were lost during disassembly and were replaced.  Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [] Not Applicable [X]  Test Pressure N/A psig Test Temperature N/A "F  Remarks: Replaced existing seat ring and guide liner per Minor Plant Change E12-2-95-201 to improve seat tightness for local leak rate tests. Some of the other two different Islands because of the configuration of the "Y" pattern plad thus two different SI numbers for studs.  Certificate of Compliance  We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.  Signed:   Certificate of 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 Illinois employer by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford. Connecticut having inspected the REPLACEMENT of exception Accordance with Section XI of the ASME Code.  By signing this certificate new to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warrany, expressed or nor his employer makes any warrany, expressed or nor his employer or replacement described in this report, Furthermore, neither the inspector nor his employer makes any warrany.   |  | CRANE VALVE   | UNKNOWN   | N/A                                 | NONE  | N/A   |   | NO           |
| MSIV 2-0203-1A SEAT CRANE-ALOYCO C3932 N/A SI #570D55 94 REPLACEMENT NO RING  MSIV 2-0203-1A GUIDE CRANE-ALOYCO C4188 N/A SI #812C89 N/A REPLACEMENT NO RING UNKNOWN HT #92397/ N/A STUDS: SI #570C87 & N/A REPLACEMENT NO MSIV 2-0203-1A BONNET UNKNOWN HT #92397/ N/A STUDS: SI #570C87 & N/A REPLACEMENT NO STUDS (5)/NUTS (10)  Description of work: Replaced existing valve seat and guide liner with new seat ring and upgraded guide liner kit per Minor Plant Change E12-2-95-201. SITS were lost during disassembly and were replaced.  Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X ]  Test Pressure N/A psig Test Temperature N/A "F  Remarks: Replaced existing seat ring and guide liner per Minor Plant Change E12-2-95-201 to improve seat tightness for local leak rate tests. Some of the line was lost during disassembly and required replacement. There are two different length bonnet studs because of the configuration of the "Y" pattern glid thus two different SI numbers for studs.  Certificate of Compliance  We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.  Signed: **  Certificate of 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 Illinois employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford One Contenting the repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer shall be liable in any manner implied, concerning the repair or replacement described in this report or his employer shall be liable in any manner.  |  | CRANE VALVE   | UNKNOWN   | N/A                                 | NONE  | N/A   | REPLACED  | NO           |
| MSIV 2-0203-1A GUIDE LINER UPGRADE KIT  MSIV 2-0203-1A BONNET STUDS (5)/NUTS (10)  Description of work: Replaced existing valve seat and guide liner with new seat ring and upgraded guide liner kit per Minor Plant Change E12-2-95-201. State were lost during disassembly and were replaced.  Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X ]  Test Pressure N/A psig Test Temperature N/A "F  Remarks: Replaced existing seat ring and ugide liner per Minor Plant Change E12-2-95-201 to improve seat tightness for local leak rate tests. Some of the bilting was lost during disassembly and required replacement. There are two different length bonnet studs because of the configuration of the "Y" pattern glid thus two different SI numbers for studs.  Certificate of Compliance  We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.  Signed: **  Certificate of 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 Illinois employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on "2 - /3 1976" and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with their is employer shall be liable in any manner of implied, concerning the repair or replacement described in this report on the section XI of the ASME Code. By signing this certificate neither the inspector nor his employer shall be liable in any manner of implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner of the secretion.   |  | UNKNOWN   | UNKNOWN   | N/A                                 | A193 Gr.B7/A194 Gr.2H   | N/A   | REPLACED  | NO           |
| LINER UPGRADE KIT  MSIV 2-0203-1A BONNET STUDS (5)/NUTS (10)  UNKNOWN  HT #92397/ HT EAW  NA  STUDS: SI #570C87 & N/A  REPLACEMENT  NO  Description of work: Replaced existing valve seat and guide liner with new seat ring and upgraded guide liner kit per Minor Plant Change E12-2-95-201. St were lost during disassembly and were replaced.  Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [] Not Applicable [X]  Test Pressure N/A psig Test Temperature N/A "F  Remarks: Replaced existing seat ring and guide liner per Minor Plant Change E12-2-95-201 to improve seat rightness for local leak rate tests. Some of the bling was lost during disassembly and required replacement. There are two different length bonnet studs because of the configuration of the "Y" pattern gled thus two different SI numbers for studs.  Certificate of Compliance  We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.  Signed:   Certificate of 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 Illinois employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 3 - 1976 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector on rins employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspection on rins employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspection on rins employer shall be liable in any manner of the province of the report of the report of the report of the repair or replacement described in this report. Furthermore, neither the inspecti             |  | CRANE-ALOYCO  | C3932   | N/A                                 | SI #570D55  | 94  | REPLACEMENT   | NO           |
| Description of work: Replaced existing valve seat and guide liner with new seat ring and upgraded guide liner kit per Minor Plant Change E12-2-95-201. State were lost during disassembly and were replaced.  Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X ]  Test Pressure N/A psig   |  | CRANE-ALOYCO  | C4188   | N/A                                 | SI #812C89  | N/A   | REPLACEMENT   | NO           |
| Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X ]  Test PressureN/A psig  |  | UNKNOWN   |   | N/A                                 | 570C88 NUTS: SI   | N/A   | REPLACEMENT   | NO           |
| Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X ]  Test PressureN/A psig  | Description of work: Replaced  | existing valve seat and guid  | le liner with new   | seat ring                           | and upgraded guide liner kit r  | er Minor                                    | Plant Change E12-2-9  | .5-201. S    |
| Test Pressure N/A psig Test Temperature N/A °F  Remarks: Replaced existing seat ring and guide liner per Minor Plant Change E12-2-95-201 to improve seat tightness for local leak rate tests. Some of the sling was lost during disassembly and required replacement. There are two different length bonnet studs because of the configuration of the "Y" pattern gle and thus two different SI numbers for studs.  Certificate of Compliance  We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.  Signed: Signed: Signed: Signed: (Title) 3-9 (Date)  Certificate of 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 Illinois employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 7-17 1976 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner and the pattern of the state of the section XI of the Asme Code. By signing from or connected with this inspection.  |  | •   |   |                                     |   |   |   |              |
| Remarks: Replaced existing seat ring and guide liner per Minor Plant Change E12-2-95-201 to improve seat tightness for local leak rate tests. Some of the obting was lost during disassembly and required replacement. There are two different length bonnet studs because of the configuration of the "Y" pattern gld thus two different SI numbers for studs.  Certificate of Compliance  We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.  Signed:  S             | Test Conducted: Hydrostatic [  |   | •   |                                     |   |   |   |              |
| Certificate of Compliance  We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.  Signed: Signe             |  |   |   |                                     |   |   | _   |              |
| Certificate of Compliance  We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.  Signed: ISI COORDINATOR 3-9 19 96  (Owner or Owner's Designee) (Title) (Date)  Certificate of 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 Illinois employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 2-13 1976 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner than the property degrees or as less of any kind ariging from or connected with this inspection.  | olting was lost during disassembly   | y and required replacement.   | linor Plant Chang<br>There are two c  | e E12-2-<br>lifferent               | 95-201 to improve seat tightne length bonnet study because of   | ss for loc<br>the confi                     | al leak rate tests. Som<br>guration of the "Y" pa               | ne of the    |
| We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.  Signed:              | d thus two different SI numbers  | for studs.  |   |                                     |   |   |   |              |
| We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.  Signed:              |  |   |   |                                     |   | <del></del>                                 |   | <del></del>  |
| Signed: Sundan Casery (Owner or Owner's Designet)  Certificate of 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 Illinois employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on \( \frac{7}{3} \), \( \frac{1976}{3} \) and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner and the state of any kind arising from or connected with this inspection.  | We certify that the statements m   | nade in this report are corre   | Certificate   | of Con                              | ipliance ENT Conforms to Section XI   | of the AS                                   | ME Code.  |              |
| Certificate of 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 Illinois employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 3-13 1976 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner and the state of any kind arising from or connected with this inspection.   | · // /   | •   |   |                                     |   | J. u  | WE coul.  |              |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on $\frac{3}{2} - \frac{1}{2} = \frac{1976}{2}$ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner and accordance with the inspector of the inspec |  | er's Designee)  | (Title)   | <u> </u>                            | (Date)  |   |   |              |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on $\frac{3}{2} - \frac{1}{2} = \frac{1976}{2}$ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner and a loss of any kind origing from or connected with this inspection.  |  | <del></del>   |   |                                     | <del></del>   | <del></del>                                 |   | <del></del>  |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on $\frac{5}{2}$ , $\frac{1976}{2}$ and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner and prescreed in the inspector of the i    | <del></del>  |   | Certificat  | e of Ins                            | nection   |   |   |              |
| employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 3-13 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner  |  |   | N. a. b. a.   | .E UL A                             | pection   |   |   |              |
| accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner any personal injury or property demand or a loss of any kind pricing from or connected with this inspection.  | V. d   | " !iesian insued by th  |   | - £ Doile                           | Descripe Vescal Incheste  | and th                                      | Carro on Decuines of  | Tilimoje     |
| any personal injury or property demage or a loss of any kind arising from or connected with this inspection  | employed by The Hartford Steam   | m Boiler Insurance and Inst   | he National Board   | artford, C                          | Connecticut having inspected th   | he REPLA                                    | ACEMENT   |              |
|  | employed by The Hartford Stean described in this report on 2 accordance with Section XI of the | m Boiler Insurance and Insp<br>-/3 . 1996 and stathe ASME Code. By signin | he National Board<br>pection Co. of Ha<br>te to the best of n<br>ing this certificate i | artford, C<br>my know<br>neither th | Connecticut having inspected the<br>reledge and belief, this repair or<br>the inspector nor his employer in<br>the inspector nor his employer in<br>the inspector nor his employer in the control of the control | he <b>REPL</b> A<br>r replacem<br>makes any | ACEMENT<br>nent has been construct<br>by warranty, expressed of | ted in       |

| Owner: ComEd Company One First National  | (Name) I Plaza. Chicago IL. 60690  | (Address)  |                      | Date.   | 3-9-96   |  |                  |
|--|--|--|----------------------|---|--|--|------------------|
| . Plant: Dresden Nucle   | ear Power Station (I   | Name)  |                      |   |  |  | _1 Of            |
|  | esden Road, Morris IL., 604  |  | ddress)              |   |  | Unit:2   | -                |
| Work Performed By: BECHT   | EL CONSTRUCTORS  | (Na  | me)                  |   | _920<br>Repa                                     | 053324 PLAN 2-95-03<br>iir Organization P.O. N | 88<br>o., Job No |
| GAITHE   | RSBERG, MD 20877   | (A   | ddress)              |   | <b>-</b>   |  |                  |
| Identification of System:0   | 203 MAIN STEAM   |  |                      |   |  |  | ·                |
| (a) Construction Code US   | SAS B31.1.0  | _, 19 <u>67</u> Edition,                             | NO Add               | ienda, Code Cases NONE  |  |  |                  |
| <ul><li>(b) Edition of Section XI</li><li>Mdentification of Components</li></ul> | used for Repair/Replacemer<br>s Repaired or Replaced and l   | nt 19 <u>89</u> Edition, <u>I</u><br>Replacement Com | NO Adde<br>ponents   | enda, Code Cases NONE   |  |  |                  |
|  | <del></del>  | <del></del> -  |                      |   |  | · · · · · · · · · · · · · · · · · · ·          | <del></del>      |
| Name of  | Name of Manufacturer   | Mfrs.  | Nat                  | Other   | Yr   | Repair,  | Cod              |
| Component  |  | Serial No.   | Brd<br>No            | ID  | Blt  | Replaced or<br>Replacement                     | Stamp<br>Yes/I   |
| MSIV 2-0203-14 SEAT  | A.CRANE VALVE  | UNKNOWN  | N/A                  | NONE  | N/A  | REPLACED                                       | NO               |
| RING 2 AN  |  | <u> </u>   | ļ                    |   | <u> </u>   |  | <del> </del>     |
| MSIV 2-0203-17 GUIDE<br>LINER  | CRANE VALVE  | UNKNOWN  | N/A                  | NONE  | N/A  | REPLACED                                       | NO               |
|  | _  |  |                      |   | <del>                                     </del> |  | +-               |
| MSIV 2-0203-1  BONNET STUDS (2)/NUTS (6)   | UNKNOWN  | UNKNOWN  | N/A                  | A193 Gr.B7/A194 Gr.2H   | N/A  | REDIACED                                       | NO               |
|  | CRANE-ALOYCO   | C4185  | N/A                  | SI #570D55  | 94   | REPLACEMENT                                    | NO               |
| MSIV 2-0203-1 SEAT<br>RING   | CAGINE 7120 TCO  | U 1105   |                      | 5. no. 6355   |  | TOTAL TODAY                                    |                  |
| MSIV 2-0203-1 GUIDE  | CRANE-ALOYCO   | C4186  | N/A                  | SI #812C89  | N/A  | REPLACEMENT                                    | NO               |
| LINER UPGRADE KIT  | ific   | <del></del>  |                      |   | <b></b> -  |  | -                |
| MSIV 2-0203-1 BONNET<br>STUDS (2)/NUTS (6)                                       | UNKNOWN  | HT #92397/<br>HT EAW                                 | N/A                  | STUDS: SI #570C87<br>NUTS: SI #570C89                             | N/A  | REPLACEMENT                                    | NO               |
| 31003 (2)/1013 (0)   | <u></u>  | HILAW  | <u> </u>             | NO 13. 31 #370C89   | <u> </u>   | <u> </u>                                       | <u> </u>         |
| Description of work: Replace ts were either destroyed or los                     | d existing valve seat and guid   | de liner with new                                    | seat ring            | and upgraded guide liner kit p                                    | er Minor   | Plant Change E12-2-95                          | 5-202. Stu       |
| •  |  | BAC 7-19-16  | •                    |   |  |  |                  |
| Test Conducted: Hydrostatio  |  | Iominal Operating                                    |                      |   |  |  |                  |
|  | Test Pressure]   | N/A psig   | Test 7               | Temperature <u>N/A</u> °F   |  |  |                  |
| Remarks: Replaced existing selting was destroyed or lost dur                     | eat ring and guide liner per N   | Minor Plant Chang                                    | e E12-2-             | 95-202 to improve seat tightne                                    | ss for lo  | cal leak rate tests. Som                       | e of the c       |
| ining was desiroyed or lost dur  | mig disassembly and require  | d repracement.                                       |                      |   |  |  |                  |
|  |  |  |                      |   |  |  |                  |
| TYTE OF ALL AND A SECOND   | and the state of t | Certificate  | e of Con             | npliance<br>ENT Conforms to Section XI                            | -64- 46  | NC C-1   |                  |
| $\rho$   | 1 0  |  |                      | <b>.</b> .  | or use As  | SME Code.                                      |                  |
| Signed: <b>Mindan</b> (Owner or Own  | ner's Designee)  | SI COORDINATO<br>(Title)                             | OR                   | 3-9<br>(Date), 19 <u>96</u>                                       |  |  |                  |
|  |  |  |                      |   |  |  |                  |
|  |  |  |                      |   |  |  |                  |
|  |  | Certificat   | e of Ins             | pection   |  |  |                  |
| I, the undersigned, holding a v  | valid commission issued by t   | he National Board                                    | l of Boil            | er and Pressure Vessel Inspect                                    | ors and t  | he State or Province of                        | Illinois,        |
| employed by The Hartford Ste   | am Boiler Insurance and Ins  | pection Co. of Ha                                    | irtford, (           | Connecticut having inspected the ledge and belief, this repair of | ie REPL  | ACEMENT  | ed in            |
| accordance with Section XI of  | the ASME Code. By signif   | ng this certificate                                  | neither t            | he inspector nor his employer                                     | makes ar   | v warranty, expressed of                       | or               |
| implied, concerning the repair<br>any personal injury or property                | or replacement described in<br>y damage or a loss of anv ki  | this report. Furth<br>nd arising from o              | nermore,<br>r connec | neumer the inspector nor his ted with this inspection.            | employer   | snall be hable in any n                        | nanner for       |
| Date: 3-13-96 Inspe  | · - / .:   |  |                      | -   | . NB774  | ONICO  |                  |
| Date. V () 10 Inspe  | wioi   | mun f  |                      | Commosions1D932   |  | ince, National Board)                          |                  |

| fine First Nat   | (Name)<br>tional Plaza, Chicago IL, 606             | no (Address)   |  | Date:  | <u>3-9-96</u>    | <u> </u>  |                |
|--|---|--|--|--|------------------|---|----------------|
|  | _   |  |  |  |                  | Sheet:  | _1_ Of _       |
| Plant: Dresden Nucl 6500 North Dr  | ear Power Station (1<br>esden Road, Morris IL., 604 | Name)<br>50(A  | ddress)  |  |                  | Unit:2  | -              |
| Work Performed By: BECH  | TEL CONSTRUCTORS                                    | (Na  | me)  |  |                  | 018491 PLAN 2-95-0  |                |
| GAITH  | ERSBERG, MD 20877                                   | (A   | ddress)  |  | Repa             | ir Organization P.O. N  | o., Job No     |
| Identification of System:(   |   | · ·  | ·  |  |                  |   | •              |
| (a) Construction Code U  |   | 1967 Edition   | NO Add   | denda, Code Cases NONE   |                  |   |                |
| (b) Edition of Section XI Identification of Components   | I used for Repair/Replacemen                        | t 19 <u>89</u> Edition,  | NO Add   | enda, Code Cases NONE  |                  |   |                |
| racinimeation of components  | Repaired of Replaced and Re                         | cpiacement Comp  | onena -  | ····   |                  |   |                |
| Name of  | Name of Manufacturer                                | Mfrs.  | Nat  | Other  | Yr               | Repair,   | Code           |
| Component  |   | Serial No.   | Brd<br>No  | ID   | Blt              | Replaced or Replacement   | Stamp<br>Yes/N |
| MSIV 2-0203-1C SEAT  | CRANE VALVE   | UNKNOWN  | N/A  | NONE   | N/A              | REPLACED  | NO             |
| RING   | Clark D VII D V D                                   | 0112101111   | .,,,,  |  |                  |   |                |
| MSIV 2-0203-1C GUIDE   | CRANE VALVE   | UNKNOWN  | N/A  | NONE   | N/A              | REPLACED  | NO             |
| LINER  |   |  | <del>                                     </del>                                   |  | -                |   | <del> </del>   |
| <u> </u>   |   |  | <del>                                     </del>                                   |  | -                |   | ┼              |
| MSIV 2-0203-1C SEAT<br>RING  | CRANE-ALOYCO  | C4183  | N/A  | SI #570D55   | 94               | REPLACEMENT   | NO             |
| MSIV 2-0203-1C GUIDE   | CRANE-ALOYCO  | C4187  | N/A  | SI #812C89   | N/A              | REPLACEMENT   | NO             |
| LINER UPGRADE KIT  | 0.0.0.00  |  |  |  |                  |   | 1              |
|  |   | ŀ  | ŀ  |  | i                | l   | 1              |
|  | <u> </u>  | <del></del>  |  | <u> </u>   | <u> </u>         |   |                |
| Description of work: Replac  | ed existing valve seat and gu                       | ide liner with nev   | v seat ri  | ng and upgraded guide liner k  | it per Mi        | nor Plant Change E12-   | 2-95-203.      |
| Description of work: <u>Replace</u>  | ed existing valve seat and gu                       | ide liner with nev   | v seat ri  | ng and upgraded guide liner k  | it per Mi        | nor Plant Change E12-   | 2-95-203.      |
|  |   |  |  | ng and upgraded guide liner k  | it per Mi        | nor Plant Change E12-7  | 2-95-203.      |
|  | c [ ] Pneumatic [ ] N                               | ominal Operating   | Pressur  | <u></u>  | it per Mi        | nor Plant Change E12-   | 2-95-203.      |
| Test Conducted: Hydrostati   | c [ ] Pneumatic [ ] N  Test Pressure                | ominal Operating   | Pressur<br>Test 7  | e [ ] Not Applicable [X ]  cemperature N/A °F  |                  |   |                |
| Test Conducted: Hydrostati   | c [ ] Pneumatic [ ] N  Test Pressure                | ominal Operating   | Pressur<br>Test 7  | e [ ] Not Applicable [X ]  cemperature N/A °F  |                  |   |                |
| Test Conducted: Hydrostati   | c [ ] Pneumatic [ ] N  Test Pressure                | ominal Operating   | Pressur<br>Test 7  | e [ ] Not Applicable [X ]  cemperature N/A °F  |                  |   |                |
| Test Conducted: Hydrostati   | c [ ] Pneumatic [ ] N  Test Pressure                | ominal Operating N/A psig Minor Plant Chan   | Pressur<br>Test 7  | e [ ] Not Applicable [X ]  'emperature <u>N/A</u> °F  2-95-203 to improve seat tights  |                  |   |                |
| Test Conducted: Hydrostati Remarks: Replaced existing s  | Test Pressure                                       | ominal Operating N/A psig Minor Plant Chan Certificat  | Pressur Test 7 ge E12-2  | e [ ] Not Applicable [X ]  Cemperature N/A °F  2-95-203 to improve seat tights   | ness for I       | ocal leak rate tests.   |                |
| Test Conducted: Hydrostati Remarks: Replaced existing s  We certify that the statements  | Test Pressure                                       | ominal Operating N/A psig Minor Plant Chan Certificate and this REPI   | Pressur<br>Test 1  | e [ ] Not Applicable [X ]  Cemperature N/A °F  C-95-203 to improve seat tights  ppliance ENT Conforms to Section XI  | ness for I       | ocal leak rate tests.   |                |
| Test Conducted: Hydrostati Remarks: Replaced existing s We certify that the statements   | Test Pressure                                       | ominal Operating N/A psig Minor Plant Chan Certificat  | Pressur<br>Test 1  | e [ ] Not Applicable [X ]  Cemperature N/A °F  2-95-203 to improve seat tights   | ness for I       | ocal leak rate tests.   |                |
| Test Conducted: Hydrostati Remarks: Replaced existing s We certify that the statements   | Test Pressure                                       | fominal Operating N/A psig Minor Plant Chan Certificate ect and this REPI                                    | Pressur<br>Test 1  | e [ ] Not Applicable [X ]  Cemperature N/A °F  C-95-203 to improve seat tights  ppliance ENT Conforms to Section XI  | ness for I       | ocal leak rate tests.   |                |
| Test Conducted: Hydrostati Remarks: Replaced existing s We certify that the statements   | Test Pressure                                       | Certificate and this REPI  | Pressur Test 7 ge E12-2  | e [ ] Not Applicable [X ]  Cemperature N/A °F  C-95-203 to improve seat tights  Inpliance ENT Conforms to Section XI (  3-9 , 1996 (  (Date)   | ness for I       | ocal leak rate tests.   |                |
| Test Conducted: Hydrostati Remarks: Replaced existing s We certify that the statements   | Test Pressure                                       | fominal Operating N/A psig Minor Plant Chan Certificate ect and this REPI                                    | Pressur Test 7 ge E12-2  | e [ ] Not Applicable [X ]  Cemperature N/A °F  C-95-203 to improve seat tights  Inpliance ENT Conforms to Section XI (  3-9 , 1996 (  (Date)   | ness for I       | ocal leak rate tests.   |                |
| Signed: Bundan<br>(Owner or Owner or Owner)  | Test Pressure                                       | Certificate (Title)  Certificate (Title)  Certificate (Title)  | Pressur Test 7 ge E12-2 ge of Con ACEMI DR   | e [ ] Not Applicable [X ]  TemperatureN/A °F  2-95-203 to improve seat tights  political properties of the seat tights  The seat tights  political properties of the seat tights  The seat tights  political properties of the seat tights | ness for I       | ocal leak rate tests.  SME Code.  |                |
| Remarks: Replaced existing s  We certify that the statements  Signed: Management (Owner or Owner or Ow | Test Pressure                                       | Certificate (Title)  Certificate (Title)  Certificate (Title)  | Pressur Test 7 ge E12-2 ge of Con ACEM DR e of Ins                                 | e [ ] Not Applicable [X ]  Temperature N/A °F  2-95-203 to improve seat tights  poliance ENT Conforms to Section XI ( 3-9 , 1996 ( Date)  pection  er and Pressure Vessel Inspect Connecticut having inspected the ledge and belief, this repair of  | ors and the REPL | the State or Province of ACEMENT  | Illinois,      |
| Remarks: Replaced existing s  We certify that the statements  Signed: Blandan  (Owner or Ow  I, the undersigned, holding a employed by The Hartford St described in this report on accordance with Section XI of implied, concerning the repair  | Test Pressure                                       | Certificate the National Board petits of the best of the this report. Further support.                       | Pressur Test 7 ge E12-2 ge of Con ACEMI DR l of Boilartford, ( my known either the | e [ ] Not Applicable [X ]  CemperatureN/A °F  2-95-203 to improve seat tights  poliance ENT Conforms to Section XI  3-9, 1996  (Date)  pection  er and Pressure Vessel Inspect Connecticut having inspected the ledge and belief, this repair on en inspector nor his employer neither the inspector nor his   | ors and the REPL | the State or Province of ACEMENT nent has been constructs y warranty, expressed or province of the constructs of the construct of the construction of the | Illinois,      |
| Remarks: Replaced existing s  We certify that the statements  Signed: Bundan  (Owner or Owner)  I, the undersigned, holding a employed by The Hartford St  | Test Pressure                                       | Certificate the National Board petition Co. of Hate to the best of right this report. Further arising from o | Pressur Test 7 ge E12-2 ge of Con ACEMI DR l of Boilartford, ( my known either the | e [ ] Not Applicable [X ]  CemperatureN/A °F  2-95-203 to improve seat tights  poliance ENT Conforms to Section XI  3-9, 1996  (Date)  pection  er and Pressure Vessel Inspect Connecticut having inspected the ledge and belief, this repair on en inspector nor his employer neither the inspector nor his   | ors and the REPL | the State or Province of ACEMENT nent has been constructs y warranty, expressed or province of the constructs of the construct of the construction of the | Illinois,      |

| Owner: ComEd Compan One First Nation                                    | onal Plaza, Chicago IL.                            | 50690 (Address)                            |                  |   | Date                              | 4-96 Sheet: _1_ Of                           | 1_                    |
|---|--|--|------------------|---|-----------------------------------|--|-----------------------|
| . Plant: Dresden Nu 6500 North I  | ıclear Power Station<br>Dresden Road, Morris I     | (Name)<br>L <u>60450</u> (Addre            | ess)             |   |                                   | Unit:2                                       |                       |
| . Work Performed By: _Sam   |  |  |                  |   |                                   | PLAN 2-95-093)                               |                       |
| Sam   | ne as Above  | (Address)                                  |                  |   | Repair Organiz                    | zation P.O. No., Job No.                     | etc.                  |
| Identification of System:   | 1500 LPCI  |  |                  |   |                                   |  | •                     |
| (a) Construction Code   | USAS B31.1.0                                       | 19 <u>67</u>                               | Edition, _       | NO Addenda, Code ( NO Addenda, Code                         | Cases NONE                        | NE   | <del></del> -         |
| (b) Edition of Section 2<br>. Identification of Componen                |  | ,  |                  | •   | Cases                             | ·  |                       |
| . Identification of Component   | is Repaired of Replaced                            | and Replacement C                          | Omponen          |   |                                   |  |                       |
| Name of<br>Component  | Name of<br>Manufacturer                            | Mfrs.<br>Serial No.                        | Nat<br>Brd<br>No | Other<br>ID   | Yr<br>Blt                         | Repair,<br>Replaced or<br>Replacement        | Cod<br>Stamp<br>Yes/I |
| A193 Grade B7 Stud  | UNKNOWN  | UNKNOWN                                    | N/A              | NONE  | N/A                               | REPLACED                                     | NO                    |
| ·   |  |  |                  | L   |                                   |  |                       |
| A193 Grade B7 Stud  | UNKNOWN  | нт к7                                      | N/A              | SI #766G15  | N/A                               | REPLACEMENT                                  | NO                    |
| Pan 10  |  | <u> </u>                                   | <u> </u>         | ~~  | 194 5 2                           |  | ·                     |
|   |  |  |                  |   |                                   |  |                       |
| Test Conducted: Hydrosta  Remarks: Support M-321                        | Test Press   |  | _                | ssure [ ] Not Applical                                      | ble [X]                           |  | -                     |
| We certify that the statemen Signed: Well (Owner or O                   | nts made in this report a                          | Certire correct and this I                 | REPLACI<br>ATOR  | Compliance<br>EMENT Conforms to Sec<br>5-14, 1996<br>(Date) |                                   | ASME Code.                                   |                       |
| <del></del>   | <del></del>  | Cert                                       | ificate of       | Inspection  | <del></del> .                     |  |                       |
| I, the undersigned, holding employed by The Hartford this report on 5-/ | Steam and Boiler Insura<br>, 1946 and state to the | nce and Inspection (<br>he best of my know | Co. of Ha        | ertford, Connectictu having belief, this repair or repl     | g inspected the<br>acement has be | REPLACEMENT describen constructed in accorda | ribed in in           |

Commissions: <u>IL932. NB7742NISB</u>
(State or Province, National Board)

| te: <u>5-8</u>          | Sheet: <u>1</u> Of _   |   |
|-------------------------|--|---|
| 0000 (DI                | Sheet: 1 Of _  |   |
| 0000 (757               |  | 2   |
| 0000 (757               | Unit: 2  | ,   |
| 9838 (PL                | AN 2-95-094)<br>zation P.O. No., Job No.                           | etc.  |
| iii Oigainz             |  | sic.  |
|                         |  | •   |
| ode Cases               | NONE<br>N498-1 N 4 16 -1   |   |
|                         | BJC 7-23-96  |   |
| <del> </del>            | <del>,</del>   |   |
| Yr<br>Blt               | Repair,<br>Replaced or   | Code<br>Stamped   |
|                         | Replacement  | Yes/No  |
| N/A                     | REPLACED   | NO  |
| N/A_                    | REPLACEMENT  | NO  |
| r Plant Ch              | ange E12-2-95-219. Also  | removed sp  |
|                         | 65 valve which was leaking   | ig by.  |
| :[]                     |  |   |
|                         |  |   |
| plugged.                |  |   |
|                         |  |   |
|                         | <u> </u>   |   |
| n XI of the             | e ASME Code.   |   |
| _                       |  |   |
|                         |  |   |
|                         |  |   |
|                         |  |   |
| nspected thair or repla | he REPLACEMENT acement has been constructed                        | ted in  |
| oyer make<br>r his empl | es any warranty, expressed<br>oyer shall be liable in any          | 1 or<br>manner fo   |
|                         |  |   |
|                         | nspectors a<br>nspected thair or repl<br>loyer make<br>or his empl | n XI of the ASME Code.  Inspectors and the State or Province of Inspected the REPLACEMENT lair or replacement has been constructed by makes any warranty, expressed or his employer shall be liable in any 1932, NB7742NISB  State or Province, National Board) |

| 1. Ov                   | vner: ComEd Company One First Nationa  | (Name)  | 0690 (Address)  |  | Da   | te: <u>5-8</u>                           | Sheet: 1 Of Unit: 2  | 19c 5-8-96                |
|-------------------------|--|---|---|--|--|--|--|---------------------------|
| 2. Pla                  | ant: Dresden Nucl  | ear Power Station   | (Name)  |  |  |  | Sheet: _1_ Of  | 21                        |
| 2 117                   | ork Performed By: <u>Becht</u>   | esden Road, Morris IL   |   |  |  | 0661 /PI                                 | Unit:2<br>AN 2-95-095)   | _                         |
| J. ***                  | -  | rsberg, MD 20877  |   |  | Repa   | air Organiz                              | ation P.O. No., Job No.  | etc.                      |
| 4. Ide                  | entification of System:  | _   |   | ,  |  |  |  | •                         |
| 5. (a)                  | Construction Code _  | JSAS B31.1.0  | •, 19 <u>67</u> I   | Edition, _   | NOAddenda, Code Cases  | NONE                                     |  |                           |
| (b)                     |  | -   |   |  | NO Addenda, Code Case  | sNO                                      | NE   |                           |
| 6. Ide                  | entification of Components   | Repaired or Replaced  | and Replacement C   | omponen  | its  |  | •  |                           |
|                         | Name of<br>Component   | Name of<br>Manufacturer   | Mfrs.<br>Serial No.   | Nat<br>Brd<br>No                                   | Other<br>ID  | Yr<br>Blt                                | Repair,<br>Replaced or<br>Replacement                              | Code<br>Stamped<br>Yes/No |
| ш                       | RINNELL FIGURE 82<br>RING CAN  | GRINNELL  | UNKNOWN   | N/A  | SUPPORT M1151D-276   | N/A                                      | REPLACED   | NO                        |
|                         | NINNELL FIGURE 82<br>RING CAN  | GRINNELL  | UNKNOWN   | N/A  | SI #81 <u>6F1</u> 6  | N/A                                      | REPLACED   | NO                        |
| <u> </u>                |  |   |   | <u> </u>   |  | <u> </u>                                 |  | <b></b>                   |
| -                       |  |   |   | <del> </del>                                       |  | <u> </u>                                 |  | <del></del>               |
|                         |  |   | <u> </u>  |  |  |  | <u> </u>   | <u> </u>                  |
| 7. De                   | scription of work:Replac   | ced existing spring can   | because the thread  | is were co   | orroded and can could not be a   | adjusted to                              | cold load setting.   |                           |
| 8. Te                   | st Conducted: Hydrostati   | c [ ] Pneumatic [   | ] Nominal Oper  | rating Pre   | ssure [ ] Not Applicable [2  | X]                                       |  |                           |
|                         |  | Test Pressi   | ıre psig  | Test '   | Temperature °F   |  |  |                           |
| 9. Re                   | marks: None.   |   |   |  |  |  |  |                           |
|                         |  |   |   |  |  |  |  |                           |
|                         |  |   |   |  |  |  |  |                           |
| We We                   | certify that the statements  | made in this report ar  |   |  | Compliance EMENT Conforms to Section   | XI of the                                | ASME Code.   |                           |
| Sig                     | ned: Brendanc  | 1 Cases   | ISI COORDIN   | ATOR   | <u>5-8</u> , 19 <u>96</u>  |  |  |                           |
|                         | (Owner or Ow   | mer's Designee)   | (Title)   | )  | (Date)   |  |  |                           |
|                         |  |   |   |  |  |  |  |                           |
|                         |  |   | Cert  | ificate of   | Inspection   |  |  |                           |
| em<br>des<br>acc<br>imi | ployed by The Hartford Structure in this report on $\frac{1}{2}$ ordance with Section XI oblied, concerning the repair | eam and Boiler Insurar<br>//3, 19 /6 _a<br>f the ASME Code. By<br>r or replacement descri | nce and Inspection of the best signing this certification in this report. | Co. of Ha<br>t of my ki<br>icate neith<br>Furthern | Boiler and Pressure Vessel Insartford, Connectictu having insartford, Connectictu having insartford, this repairer the inspector nor his employer, neither the inspector nornected with this inspection. | spected the<br>r or replac-<br>yer makes | REPLACEMENT<br>ement has been construct<br>any warranty, expressed | ed in<br>or               |
| Da                      | te: <u>5-13-16</u> Insp  | pector: Kull J  | Kamy  |  | Commissions:(  |  | 2NISB<br>ovince, National Board)                                   | <del></del>               |

| 1. Owner: ComEd Company   | (Name   |   |   | E   | ate: <u>5-2</u>                      | 9-96   |  |
|---|---|---|---|---|--------------------------------------|--|--|
|   | clear Power Station   | (Name)  |   |   |                                      | Sheet: 1 Of  | 1_   |
| 6500 North D  | resden Road, Morris II  | L., 60450 (Addre  | ss)   |   |                                      | Unit: 2  | _  |
| 3. Work Performed By: Bech  | itel Constructors   | (Name)  |   | WR 92   | 0052186 ()                           | PLAN 2-95-099)<br>zation P.O. No., Job No.                                 | etc  |
| Gaithe  | ersberg, MD 20877   | (Address)   |   | ;   | pan Organiz                          | audii 1.0. 110., 100 110.  |  |
| 4. Identification of System:  | 2300 HPCI   |   |   |   |                                      | •  | •  |
| 5. (a) Construction Code  | USAS B31.1.0  | 19 67 E   | dition,                                       | NO Addenda, Code Ca   | ses <u>NON</u>                       | E 409-1 NAV-/  |  |
| (b) Edition of Section X  6. Identification of Component  |   |   |   |   | ases                                 | 24c7-5-96  | <del></del>                                |
| 6. Identification of Component  | s Repaired of Replaced  | and Replacement   | - tompone                                     |   |                                      | ·  |  |
| Name of<br>Component  | Name of<br>Manufacturer   | Mfrs.<br>Serial No.   | Nat<br>Brd<br>No                              | Other<br>ID   | Yr<br>Blt                            | Repair,<br>Replaced or<br>Replacement                                      | Code<br>Stamped<br>Yes/No                  |
| 4" DIAMETER A106<br>Grade B PIPE  | UNKNOWN   | UNKNOWN   | N/A   | LINE 2-2310-4"-DX   | N/A                                  | REPLACED   | ИО   |
|   |   |   |   |   | <del></del>                          |  |  |
| 4" DIAMETER A106<br>Grade B PIPE  | UNKNOWN   | HEAT X46607   | N/A   | SI #794H76  | N/A                                  | REPLACEMENT  | NO   |
|   |   |   |   |   | <u> </u>                             |  |  |
| 7. Description of work: Rep<br>Repair/Replacement Plan 2-93-  | laced existing pipe (w  | hich had worn at S  | upport N                                      | M-1151D-63) with new pipe   | per CHRO                             | N #0115561. Support v  | was repaired pe                            |
| 8. Test Conducted: Hydrostat  | tic [ ] Pneumatic [   | ] Nominal Oper  | ating Pro                                     | essure [X] Not Applicable   | <b>:</b> []                          |  |  |
|   | Test Press  | ure <u>*</u> psig   | Test  | Temperature Ambient "   | F                                    |  |  |
| 9. Remarks: Support was rep   | laced per Repair/Repla  | cement Plan 2-93-0  | 54. <u>Pipi</u>                               | ng was given VT-2 examina   | tion during o                        | pperational surveillance I   | OS 2300-03.                                |
| * Reactor pressure at 920 psig  | , HPCI Pump discharg  | e pressure at 1210  | osig.   |   |                                      |  |  |
| We certify that the statement   | s made in this report a   | Certifi<br>re correct and this I  | icate of<br>REPLAC                            | Compliance<br>CEMENT Conforms to Secti  | on XI of the                         | e ASME Code.   |  |
| Signed : Brendan  | Mer's Devignee)   | ISI COORDIN   | NATOR   | 5-Z9 , 19 90<br>(Date)  | /                                    |  |  |
| (Owner or @   | wner's Designee)  | (Title)   |   | (Date)  |                                      |  | ŀ  |
|   |   |   |   |   |                                      |  | المجند المحادث                             |
|   |   | Certi   | ficate of                                     | Inspection  |                                      |  | ľ  |
| I, the undersigned, holding a employed by The Hartford S this report on Section XI of the ASME Corepair or replacement describ property damage or a loss of | steam and Boiler Insura<br>, 19 <u>46</u> and state to the<br>de. By signing this celed<br>and this report. Fur | ince and Inspection<br>the best of my know<br>rtificate neither the i<br>thermore, neither th | Co. of I<br>ledge an<br>inspector<br>e inspec | Hartford, Connectictu having<br>nd belief, this repair or repla<br>r nor his employer makes an<br>tor nor his employer shall be | inspected the cement has y warranty, | he REPLACEMENT des<br>been constructed in acco<br>expressed or implied, co | scribed in<br>rdance with<br>incerning the |
| Date: 7-1-96 Ins  | spector:  | T/lar   | wy  | Commissions:  |                                      |  |  |
| ii '  | • 7   |   | -   |   | GRADE OF PE                          | ovince, National Board)  | ll l                                       |

#### CATEGORY 3

DAP 11-18 REVISION 07

| Owner: ComEd Company One First Nation                                      | (Name)<br>al Plaza. Chicago IL, 60690                          | _ (Address)                    |                    |                                  | Date:3/2                       | 22/96   |                 |
|--|--|--------------------------------|--------------------|----------------------------------|--------------------------------|---|-----------------|
| Plant: <u>Dresden Nuc</u>  | lear Power Station (   | Name)                          | ,                  |                                  |                                | Sheet: _1_ Oi                                   |                 |
|  | resden Road, Morris IL., 604                                   |                                |                    |                                  |                                | Unit:2  | _               |
| Work Performed By: BECF  |  |                                |                    | R                                |                                | 52862 PLAN 2-95-100<br>ization P.O. No., Job No | etc.            |
|  | HERSBURG, MD   | _                              |                    | ress)                            |                                |   |                 |
| Identification of System:  |  |                                |                    |                                  |                                |   |                 |
| <ul><li>(a) Construction Code _</li><li>(b) Edition of Section X</li></ul> | USAS B 31.1.0 • I used for Repair/Replacement                  | , 19 <u>67</u> E<br>nt 19 89 E | dition,<br>dition. | NO Addenda, Coo<br>NO Addenda, C | ie Cases <u>N</u><br>ode Cases | ONE<br>NONE                                     |                 |
| Identification of Components   | Repaired or Replaced and R                                     | eplacement Con                 | ponents            |                                  | <b>-</b>                       |   |                 |
| Name of  | Name of Manufacturer   | Mfrs.                          | Nat                | Other                            | Yr                             | Repair,   | Code            |
| Component  | Name of Mandactures  | Serial No.                     | Brd<br>No          | ID                               | Blt                            | Replaced or<br>Replacement                      | Stampe<br>Yes/N |
| 2" 300# CHECK VALVE  | HANCOCK  | N/A                            | N/A                | MODEL 5540W-1                    | N/A                            | REPLACED  | NO              |
| 2" 300# CHECK VALVE  | HANCOCK  | N/A                            | N/A                | MODEL 5540W-2<br>SI #808C37      | N/A                            | REPLACEMENT                                     | NO              |
|  |  | 131 ; .                        |                    |                                  |                                |   | -1 -            |
|  |  |                                |                    |                                  |                                |   |                 |
|  |  |                                |                    |                                  |                                |   |                 |
| Decoration of works Panlas   | eed existing check valve (leak                                 | ad by) with non                | necemble           | 4 per CUPON #031007/             | <del></del>                    | <u>*                                    </u>    |                 |
|  |  | ed by) with new                | - assembl          |                                  |                                |   |                 |
| Test Conducted: Hydrostat  | ic [ ] Pneumatic [ ] N   | lominal Operatii               | ng Pressu          | re [ X] Not Applicab             | le [ ]                         |   |                 |
|  | Test Pressure _1   | 63 psig                        | Test Te            | nperature <u>AMBIENT</u>         | °F                             |   |                 |
| Remarks: NONE.   |  |                                |                    |                                  |                                |   |                 |
| · · · · · · · · · · · · · · · · · · ·                                      |  |                                |                    | ····                             |                                |   |                 |
|  |  |                                |                    |                                  |                                |   |                 |
|  |  | Certific                       | ite of Co          | mpliance                         |                                | <del></del>                                     |                 |
| · //   | s made in this report are corre                                | ect and this REF               | LACEM              | ENT Conforms to Section          | on XI of the                   | ASME Code.                                      |                 |
|  | . Casey IS   | I COORDINAT<br>(Title)         | OR _               | 3-22 , 19 <i>96</i>              | 2                              |   |                 |
| O io isitwo)   | where a Designed   | (Title)                        |                    | (Date)                           | 70                             |   |                 |
|  |  |                                |                    |                                  |                                |   |                 |
|  |  | Certific                       | ate of In          | spection                         |                                |   |                 |
| I, the undersigned, holding a employed by The Hartford Si                  | valid commission issued by                                     | the National Boa               | rd of Boi          | ler and Pressure Vessel          | Inspectors a                   | nd the State or Province of                     | of Illinois,    |
| described in this report on  | 1-26, $1990$ and sta   | te to the best of              | my know            | ledge and belief, this re        | pair or repla                  | cement has been construc                        | ted in          |
| implied, concerning the repai  | of the ASME Code. By signification or replacement described in | this report. Fu                | rthermore          | e, neither the inspector n       | or his emplo                   |   |                 |
|  | ty damage or a loss of any ki                                  |                                | or conne           | cted with this inspection        | •                              |   |                 |
| Date: 3-25-46 Ins  | pector: MIN / 120  | ruy                            |                    | Commissions:I                    |                                | 42NISB  |                 |

| `. | 1. Owner:     | ComEd Company                          | (Name)<br>al Plaza, Chicago IL, 60690                           | (Address)                    |                     | Date:   | 3-30              | -96                                     |                           |
|----|---------------|--|---|------------------------------|---------------------|---|-------------------|---|---------------------------|
| )  | 2. Plant:     | Dresden Nuc                            | clear Power Station (   | Name)                        |                     |   |                   | Sheet: _1_ Of1                          | <u>1_</u>                 |
|    |               | 6500 North D                           | resden Road, Morris IL., 604                                    | 150                          | (Address            |   |                   | Unit:2                                  |                           |
|    | 3. Work P     | erformed By: <u>Bech</u>               | itel Constructors   |                              |                     | WR #92005198<br>Repair  | 2 PLA<br>Organiza | N 2-95-103<br>tion P.O. No., Job No. et | tc.                       |
|    |               |  |   |                              | (Address            | 5)  | _                 | •                                       |                           |
| •  |               | ation of System:                       |   |                              | -                   |   |                   |   | ·                         |
|    | 5. (a)<br>(b) | Construction Code Edition of Section X | USAS B31.1.0 • If used for Repair/Replacement                   | , 19 <u>67</u><br>nt 19 89 F | Editi<br>Edition, _ | on, <u>NO</u> Addenda, Code<br>NO Addenda, Code                     |                   |   |                           |
| (  | 6. Identific  | ation of Component                     | s Repaired or Replaced and I                                    | Replacement Co               | mponent             | s   |                   | •                                       |                           |
|    |               | Name of<br>Component                   | Name of Manufacturer  | Mfrs.<br>Serial No.          | Nat<br>Brd<br>No    | Other<br>ID   | Yr<br>Blt         | Repair,<br>Replaced or<br>Replacement   | Code<br>Stamped<br>Yes/No |
|    | HEAVY         | HEX NUT                                | UNKNOWN   | NONE                         | N/A                 | NONE  | N/A               | REPLACED                                | NO                        |
|    |               |  | <u> </u>  |                              |                     |   |                   | <u> </u>                                |                           |
|    | HEAVY         | HEX NUT                                | UNKNOWN   | NONE                         | N/A                 | SI #763F85  | N/A               | REPLACEMENT                             | NO                        |
|    | ļ<br>         |  |   | <u> </u>                     |                     |   |                   | 248                                     |                           |
|    |               |  |   |                              |                     |   | - <del></del>     |   | <u> </u>                  |
| ĺ  | <u> </u>      |  |   |                              |                     |   |                   |   | <u> </u>                  |
| •  | 7. Descrip    | tion of work: Replac                   | ced bonnet stud that was dest                                   | royed during va              | ılve disas          | sembly to perform internal ins                                      | pection.          |   |                           |
| •  |               |  |   |                              |                     |   |                   |   |                           |
| 1  | 8. Test Cor   | nducted: Hydrostat                     |   | •                            | Ū                   | ure [ ] Not Applicable [X]  |                   |   |                           |
| )  |               |  | Test Pressure1  |                              |                     | emperature <u>N/A</u> °F  |                   |   |                           |
|    | 9. Remarks    | s: Valve was looked                    | at during system hydro, no le                                   | eakage detected              | ·                   |   |                   |   |                           |
| -  |               |  |   |                              |                     |   |                   |   | - <u> </u>                |
| ſ  |               |  |   |                              |                     |   |                   |   |                           |
|    | We certi      | fy that the statement                  | s made in this report are corr                                  |                              |                     | mpliance<br>MENT Conforms to Section X                              | I of the          | ASME Code.                              |                           |
| ĺ  | Signed :      | Brenda                                 | n Clasey 1  | SI COORDINA                  | TOR                 | 3-30 , 19 <b>96</b>   | •                 |   | 1                         |
|    |               | (Owner or Ov                           | wner's Designee)  | (Title)                      |                     | (Date)  |                   |   |                           |
| ו  |               |  |   |                              |                     |   |                   |   |                           |
|    |               |  |   | Certific                     | ate of In           | spection  |                   |   |                           |
|    | employe       | d by The Hartford S                    | team and Boiler Insurance an                                    | d Inspection Co              | o. of Har           | oiler and Pressure Vessel Inspet<br>offord, Connectictu having insp | ected the         | REPLACEMENT                             | i li                      |
|    | accordar      |  | of the ASME Code. By signi                                      | ing this certifica           | ite neithe          | owledge and belief, this repair<br>r the inspector nor his employe  | er makes          | any warranty, expressed                 | or                        |
|    |               |  | ir or replacement described in<br>rty damage or a loss of any k |                              |                     | ore, neither the inspector nor hected with this inspection.         | is employ         | yer shall be liable in any i            | manner for                |
|    | Date:         | 4-1-96 Ins                             | spector: LATT   | Carnel_                      |                     | Commissions: <u>IL93</u>  | 2, NB77           | 42NISB                                  |                           |
|    |               |  | <del></del>   |                              |                     | (Stat   | e or Prov         | vince, National Board)                  |                           |

| C  | (Name)   |  |   | E  | Date:3      | -9-96  |                   |
|--|--|--|---|--|-------------|--|-------------------|
|  | nicago IL, 60690 (Add  |  |   |  |             | Sheet: _1_ Of _  | _1_               |
| Plant: <u>Dresden Nuclear Power S</u><br>6500 North Dresden Road   | Station (Name)<br>Morris IL., 60450  | (Address)  |   |  |             | Unit:2   | _                 |
| Work Performed By: BECHTEL CONS  |  |  |   | 95001849   | 2 PLAN      | 2-95-109   |                   |
| -  | MD 20877   |  |   | Re   | pair Organ  | ization P.O. No., Job No.  | etc.              |
| Identification of System: 0203 MAI   |  |  |   |  |             |  |                   |
| . (a) Construction Code USAS B3  | 1.1.0 . 1967 Edition,  | NO Addenda, Co   | de Cases  | NONE   |             |  |                   |
| (b) Edition of Section XI used for R   | kepair/Replacement 1989  | 2 Edition, NO Add  | lenda, Co   | ode Cases NONE   |             |  |                   |
| . Identification of Components Repaired or   | r Replaced and Replacen  | nent Components  |   |  |             |  |                   |
| Name of<br>Component   | Name of<br>Manufacturer  | Mfrs.<br>Serial No.  | Nat<br>Brd<br>No  | Other<br>ID  | Yr<br>Blt   | Repair,<br>Replaced or<br>Replacement  | Co<br>Star<br>Yes |
| MAIN STEAM ISOLATION VALVE<br>GUIDE LINER ASSEMBLY   | CRANE VALVE  | UNKNOWN  | N/A   | NONE   | N/A         | REPLACED   | NO                |
| MAIN STEAM ISOLATION VALVE MAIN SEAT   | CRANE VALVE  | UNKNOWN  | N/A   | NONE   | N/A         | REPLACED   | NO                |
| MAIN STEAM ISOLATION VALVE   | CRANE-ALOYCO   | B2894  | N/A   | SI #812C89   | N/A         | REPLACEMENT  | NO                |
| GUIDE LINER ASSEMBLY<br>UPGRADE  |  | ļ  |   | ļ  |             |  |                   |
| MAIN STEAM ISOLATION VALVE MAIN SEAT   | CRANE-ALOYCO   | C3931  | N/A   | SI #570D55   | N/A         | REPLACEMENT  | NO                |
|  |  | T  | Γ   |  | T           |  | <u> </u>          |
|  | <del></del>  |  |   | CL E12-2-05  | 207 in ord  | - to improve value cest ti   | Langer (          |
| Description of works Replaced existing a   | ida liner and cest ring  | new ner Min  | ·- Diant (  | l 1191110  | -2111       | let to inidiove various  | Driver            |
|  | guide liner and seat ring  | with new per Min   | or Plant  | Change Lizz-2-55   |             |  | EIRIICSS .        |
| ak rate testing.   |  |  |   |  | <del></del> |  | entitos .         |
| ak rate testing. Test Conducted: Hydrostatic [ ] Pri   | neumatic [ ] Nominal   | l Operating Pressu   | re [ ]  | Not Applicable   | <del></del> |  |                   |
| ak rate lesting.  Test Conducted: Hydrostatic [ ] Pn   | neumatic [ ] Nominal Test PressureN/A  | l Operating Pressu   | re [ ]  | Not Applicable   | [X]         |  |                   |
| Description of work: Replaced existing a lak rate testing.  Test Conducted: Hydrostatic [ ] Property Remarks: Replaced existing guide liner.   | neumatic [ ] Nominal Test PressureN/A  | l Operating Pressu   | re [ ]  | Not Applicable   | [X]         |  |                   |
| ak rate testing.  Test Conducted: Hydrostatic [ ] Pri  | neumatic [ ] Nominal Test PressureN/A  | l Operating Pressu   | re [ ]  | Not Applicable   | [X]         |  |                   |
| ak rate testing.  Test Conducted: Hydrostatic [ ] Pri  | neumatic [ ] Nominal Test PressureN/A  | l Operating Pressu   | re [ ]  | Not Applicable   | [X]         |  |                   |
| ak rate testing.  Test Conducted: Hydrostatic [ ] Pn  Remarks: Replaced existing guide liner   | neumatic [ ] Nominal Test Pressure N/A with upgraded assembly  | l Operating Pressupsig Test Te per E12-2-95-207 Certificate of Co  | mperatur  | Not Applicable re _N/A°F   | [X]         |  |                   |
| ak rate testing.  Test Conducted: Hydrostatic [ ] Pri  | neumatic [ ] Nominal Test PressureN/A with upgraded assembly assembly  | l Operating Pressupsig Test Te per E12-2-95-207  Certificate of Conthis REPLACEM   | mperatur<br>mperatur<br>mpliance  | Not Applicable re _N/A°F  re _N/A°F  | [X]         |  |                   |
| ak rate testing.  Test Conducted: Hydrostatic [ ] Proceedings of the Procedure of the Proce | neumatic [ ] Nominal Test PressureN/A with upgraded assembly his report are correct and Mey ISI COO  | l Operating Pressupsig Test Te per E12-2-95-207  Certificate of Co this REPLACEM   | mperatur<br>mperatur<br>mpliance  | Not Applicable re _N/A°F  re _N/A°F  | [X]         |  |                   |
| Test Conducted: Hydrostatic [ ] Proceedings of the Remarks: Replaced existing guide liner.  We certify that the statements made in the   | neumatic [ ] Nominal Test PressureN/A with upgraded assembly his report are correct and Mey ISI COO  | l Operating Pressupsig Test Te per E12-2-95-207  Certificate of Conthis REPLACEM   | mperatur<br>mperatur<br>mpliance  | Not Applicable re _N/A°F   | [X]         |  |                   |
| ak rate testing.  Test Conducted: Hydrostatic [ ] Proceedings of the Procedure of the Proce | neumatic [ ] Nominal Test PressureN/A with upgraded assembly his report are correct and Mey ISI COO  | l Operating Pressupsig Test Te per E12-2-95-207  Certificate of Co this REPLACEM   | mperatur<br>mperatur<br>mpliance  | Not Applicable re _N/A°F  re _N/A°F  | [X]         |  | 41.               |
| ak rate testing.  Test Conducted: Hydrostatic [ ] Proceedings of the Procedure of the Proce | neumatic [ ] Nominal Test PressureN/A with upgraded assembly his report are correct and Mey ISI COO  | l Operating Pressupsig Test Te per E12-2-95-207  Certificate of Co this REPLACEM   | mperatur<br>mpliance<br>ENT Co  | Not Applicable re _N/A °F  e onforms to Section ate)   | [X]         |  |                   |
| Test Conducted: Hydrostatic [ ] Proceedings of the Remarks: Replaced existing guide liner.  We certify that the statements made in the Signed: (Owner or Owner's Designation of Counter's Designation of the Remarks: (Owner or Owner's Designation of the R | neumatic [ ] Nominal Test Pressure N/A with upgraded assembly his report are correct and Selection ISI COO   | psig Test Te per E12-2-95-207  Certificate of Co this REPLACEM RDINATOR (Title)  Certificate of In   | mpliance ENT Co 3-9 (Do   | Not Applicable re _N/A °F  e onforms to Section ate)   | [X]         | ASME Code.   |                   |
| Ak rate testing.  Test Conducted: Hydrostatic [ ] Proceeding Procedure of Conducted: Hydrostatic [ ] Procedure of Conducted: Hydrostatic [ ] Procedure of Conducted: Procedure | neumatic [ ] Nominal Test PressureN/A with upgraded assembly his report are correct and ISI COO gney  hission issued by the Nati   | psig Test Teper E12-2-95-207  Certificate of Couthis REPLACEM RDINATOR (Title)  Certificate of Intional Board of Boiction Co. of Hartfe  | mpliance MENT Co  3-9 (Do   | Not Applicable  re _N/A °F  enforms to Section  ate)  Pressure Vessel Innectictu having in   | n XI of the | ASME Code.  and the State or Province of REPLACEMENT   | Illinois,         |
| Test Conducted: Hydrostatic [ ] Proceedings of the Remarks: Replaced existing guide liner.  We certify that the statements made in the Signed: (Owner or Owner's Design of the Hartford Steam and Bodescribed in this report on Accordance with Section XI of the ASME.  | neumatic [ ] Nominal Test PressureN/A with upgraded assembly  assembly  assembly  ISI COO gnee  Assembly | psig Test Teper E12-2-95-207  Certificate of Conthis REPLACEM (Title)  Certificate of Intional Board of Boiction Co. of Hartfee best of my know certificate neither.   | mpliance ENT Co 3-9 (Do   | Not Applicable re _N/A °F  e onforms to Section ate)  Pressure Vessel Innectictu having in d belief, this repa   | n XI of the | ASME Code.  and the State or Province of EREPLACEMENT cement has been constructed any warranty, expressed to the state of  | Illinois,<br>d in |
| Test Conducted: Hydrostatic [ ] Proceedings of the ASME implied. Concerning the repair or replaced.  | neumatic [ ] Nominal Test PressureN/A with upgraded assembly  ais report are correct and ISI COO gneed  itsian issued by the National Inspect itsian and state to the Code. By signing this ment described in this re-   | psig Test Teper E12-2-95-207  Certificate of Cothis REPLACEM RDINATOR (Title)  Certificate of Intional Board of Boiction Co. of Hartfee best of my know certificate neither poort. Furthermore   | mpliance ENT Co  3-9 (Do spection ler and P ord, Conr ledge and the inspection inspection   | Not Applicable  re _N/A °F  resure Vessel Innectictu having in d belief, this repactor nor his empl the inspector nor his empl                                   | n XI of the | ASME Code.  and the State or Province of EREPLACEMENT cement has been constructed any warranty, expressed to the state of  | Illinois,         |
| Test Conducted: Hydrostatic [ ] Proceedings of the Remarks: Replaced existing guide liner.  We certify that the statements made in the Signed: (Owner or Owner's Design of the Hartford Steam and Bodescribed in this report on Accordance with Section XI of the ASME.  | neumatic [ ] Nominal Test PressureN/A with upgraded assembly  assembly  its report are correct and  ISI COO gneed  ission issued by the National State of the Second State to the Code. By signing this ment described in this report a loss of any kind aris  | psig Test Teper E12-2-95-207  Certificate of Cothis REPLACEM RDINATOR (Title)  Certificate of Intional Board of Boiction Co. of Hartfee best of my know certificate neither poort. Furthermoreing from or connecting from the conne | mpliance ENT Co  Spection ler and P ord, Conr ledge and the dispection of the pord the control of the pord the pord the control of the pord the | Not Applicable re N/A °F  e N/A °F  e onforms to Section (ate)  ressure Vessel Innectictu having ind belief, this repactor nor his empletor nor this inspection. | n XI of the | ASME Code.  and the State or Province of the REPLACEMENT thement has been constructed any warranty, expressed by the state of the state | Illinois<br>d in  |

| Owner: ComEd Compar   | ny (Name)<br>onal Plaza, Chicago IL, 606   | 90 (Address)  |   |  | Date:   |   |                                  |
|---|--|---|---|--|---|---|----------------------------------|
|   |  |   |   |  |   | Sheet: 1 Of   |                                  |
| 6500 North  | uclear Power Station  Dresden Road, Morris IL  | 60450 (Address)   |   |  |   | Unit:2  |                                  |
|   | me as Above  |   |   | WR 9   | 40094579 (Paganiz<br>Lepair Organiz                       | PLAN 2-95-110)<br>ation P.O. No., Job No.                                     | etc                              |
| Sam   | e as Above   | (Address)   |   |  | r   | ,   | •                                |
| Identification of System: _   | 1400 Core Spray  | <del></del>   |   |  |   |   |                                  |
| (a) Construction Code<br>(b) Edition of Section   | USAS B31.1.0 XI used for Repair/Replace  | • 19 67 Editi   | on, <u>NO</u>   | Addenda, Code Ca   | ises <u>NONE</u>  | NE  |                                  |
| •   | nts Repaired or Replaced and   |   |   |  |   |   |                                  |
|   |  |   | <del></del>   |  | <del></del>   | <del></del>   | <del></del>                      |
| Name of Component   | Name of<br>Manufacturer  | Mfrs.<br>Serial No.   | Nat<br>Brd  | Other<br>ID  | Yr<br>Blt   | Repair,<br>Replaced or  | Co<br>Stan                       |
| Component   | Manufacturer   | Seriai No.  | No  | 110  | , Bit   | Replacement   | Yes                              |
| 2" Relief Valve   | Dresser Industries   | Unknown   | N/A   | 2-1402-28B   | N/A   | REPLACED  | NO                               |
|   |  |   |   |  |   |   |                                  |
| 2" Relief Valve   | Dresser Industries   | TK48539   | N/A   | SI #815F97   | N/A   | REPLACEMENT   | NO                               |
| <del>_</del>  |  |   |   | -  |   |   |                                  |
|   |  |   |   |  |   |   |                                  |
|   |  |   |   |  | _   |   |                                  |
|   |  | <del></del>   |   |  |   |   | -                                |
|   |  |   | <del>                                     </del>      |  | <del></del>   |   | <del> </del>                     |
| <del></del>   | <del></del>  | <del></del>   |   |  |   | <u> </u>  | <del></del>                      |
| Description of work: Reg  | placed existing relief valve a   | issembly that lifted a  | t too low   | a pressure during surv   | eillance testing  | mubbers: BJC 7-B-90   | 0                                |
| Test Conducted: Hydrost   | tatic [ ] Pneumatic [ ]  | Nominal Operating   | Pressure  | (X) Not Applicab   |   |   |                                  |
| rest conducted. Trydrosi  | -  | 258psig   | _   | nperature <u>Ambient</u> "   |   |   |                                  |
| n 1 N   |  |   |   | iperature Amoretic i   | •   |   |                                  |
| Remarks: None.  |  |   |   |  |   |   |                                  |
| · · · · · · · · · · · · · · · · · · ·   | 7.71 7.44  |   |   | .=   | <del></del>   | <del></del>   |                                  |
|   | nte mada in this report are (  | Certification   |   |  | ion XI of the   | ASMF Code   |                                  |
| We certify that the stateme   |  | oricci and ans resi   | Directivit  | 7-5 19 <i>96</i>   |   | NOWID COUC.   |                                  |
| Bund  | 1 .a / / / / d a a a a   | IOI GOODDINAT   | <b>.</b> D  |  |   |   |                                  |
| Bund  | Und Cusey Owner's Designee)  | ISI COORDINATO<br>(Title)   | OR  | (Date)   | 2_  |   |                                  |
| Bund  | W.J. Lusey Owner's Designee)   |   | OR  | (Date)   | <u>.</u><br>  |   |                                  |
| Bund  | W.J. Lusey Owner's Designee)   | (Title)   |   | (Date)   | ·<br>   |   |                                  |
| Bunda   | Owner's Designee)  | (Title)   | OR  | (Date)   | ·<br>   |   |                                  |
| Signed: Bundle (Owner or o  | Owner's Designee)  | (Title)  Certificate  by the National Boar  | ite of Ins  | (Date)  pection  r and Pressure Vessel   | Inspectors and  | i the State or Province of  | Illinois,                        |
| I, the undersigned, holding employed by The Hartford this report on 7-4   | owner's Designee)  a valid commission issued Steam and Boiler Insurance  | (Title)  Certifica  by the National Boar  and Inspection Co.  best of my knowledg   | ate of Ins  d of Boile of Hartfo                      | pection  r and Pressure Vessel rd, Connectictu having ef, this repair or repla   | Inspectors and inspected the cement has be                | REPLACEMENT descri<br>en constructed in accordar                              | bed in                           |
| I, the undersigned, holding employed by The Hartford this report on 7-4 Section XI of the ASME Crepair or replacement descriptions. | a valid commission issued Steam and Boiler Insurance 19 6 and state to the lode. By signing this certificitied in this report. Further | Certificate by the National Boar and Inspection Co. best of my knowledge cate neither the inspectioner, neither the inspectioner. | d of Boile<br>of Hartfo<br>e and bel-<br>ector nor la | pection  r and Pressure Vessel rd, Connectictu having ef, this repair or repla nis employer makes an r his employer shall be | Inspectors and inspected the cement has been warranty, ex | REPLACEMENT descri<br>en constructed in accorda-<br>pressed or implied, conce | ibed in<br>nce with<br>eming the |
| I, the undersigned, holding employed by The Hartford this report on 7-4 Section XI of the ASME Crepair or replacement descriptions. | a valid commission issued Steam and Boiler Insurance , 19 % and state to the lode. By signing this certification                       | Certificate by the National Boar and Inspection Co. best of my knowledge cate neither the inspectioner, neither the inspectioner. | d of Boile<br>of Hartfo<br>e and bel-<br>ector nor la | pection  r and Pressure Vessel rd, Connectictu having ef, this repair or repla nis employer makes an r his employer shall be | Inspectors and inspected the cement has been warranty, ex | REPLACEMENT descri<br>en constructed in accorda-<br>pressed or implied, conce | ibed in<br>nce with<br>eming the |

|   | al Plaza, Chicago IL,                             | <del></del> ·                              | ·                        |   |  | Sheet: 1 Of                                      | _1_                    |
|---|---|--|--------------------------|---|--|--|------------------------|
| Plant: Dresden Nucl 6500 North Dr   | lear Power Station<br>resden Road, Morris I       | (Name)<br>IL., 60450 (Add)                 | ress)                    |   |  | Unit:  |                        |
| Work Performed By: Becht  | tel Constructors                                  | (Name)                                     |                          | WR  | 930051212 (  | (PLAN 2-95-111)                                  |                        |
| Gaither   | rsberg, MD 20877                                  | (Address)                                  |                          | ı   | Repair Orgain  | zation P.O. No., Job No                          | . etc.                 |
| Identification of System:   |   |  |                          |   |  |  | ,                      |
| (a) Construction Code <u>I</u> (b) Edition of Section X                                       | USAS B31.1.0                                      | 19 67                                      | Edition,<br>Edition      | NO Addenda, Code<br>n, NO Addenda, Code                     | Cases NON  | IE<br>NONE                                       |                        |
| Identification of Components  |   |  |                          |   |  | 10.1.2   |                        |
| ·   | <del></del>                                       | <del></del> _                              | <del>-</del>             | <del></del>   | <del></del>  | <del></del>                                      | <del></del>            |
| Name of<br>Component  | Name of<br>Manufacturer                           | Mfrs.<br>Serial No.                        | Nat<br>Brd<br>No         | Other<br>ID   | Yr<br>Blt  | Repair,<br>Replaced or<br>Replacement            | Co<br>Stam<br>Yes      |
| FLANGE STUDS (톱 " -11<br>X 4½")   | UNKNOWN   | UNKNOWN                                    | N/A                      | 2-2301-53   | N/A  | REPLACED   | NO                     |
| FLANGE STUD NUTS<br>(출 "-11)  | UNKNOWN   | UNKNOWN                                    | N/A                      | 2-2301-53   | N/A  | REPLACED   | NO                     |
| FLANGE STUDS (¾ "-10<br>X 4½")  | UNKNOWN   | UNKNOWN                                    | N/A                      | 2-2301-53   | N/A  | REPLACED   | NO                     |
| FLANGE STUD NUTS<br>(¾ "-10)  | UNKNOWN   | UNKNOWN                                    | N/A                      | 2-2301-53   | N/A  | REPLACED   | NO                     |
| FLANGE STUDS (중 " -11<br>X 4½")   | UNKNOWN   | UNKNOWN                                    | N/A                      | SI #762G23  | N/A  | REPLACEMENT                                      | NO                     |
| FLANGE STUD NUTS<br>(ទ៊ួ " -11)   | UNKNOWN   | UNKNOWN                                    | N/A                      | SI #796C99  | N/A  | REPLACEMENT                                      | NO                     |
| FLANGE STUDS (¾ "-10<br>X 4½")  | UNKNOWN   | UNKNOWN                                    | N/A                      | SI #762G23  | N/A  | REPLACEMENT                                      | NO                     |
| FLANGE STUD NUTS<br>(¾"-10)   | UNKNOWN   | UNKNOWN                                    | N/A                      | SI #796D01  | N/A  | REPLACEMENT                                      | NO                     |
| Description of work: Replac   | ced inlet and discharg                            | e flange bolting wl                        | hich was !               | tost during valve disassem                                  | bly.   |  |                        |
| To the Management   |   |  |                          | - No Amelian  |  |  |                        |
| Test Conducted: Hydrostation  |   |  | Ü                        |   | ble [X]  |  |                        |
| Remarks: Piping was given   |   | sure psig                                  | -                        | Temperature "F  |  |  |                        |
| Kemaiks. Films was hive   | A V 1-2 CAMILLIAM                                 | during operational                         | HPC1 au.                 | Veniance DOS 2500-05.                                       |  |  |                        |
| <del></del>   |   | Cert                                       | -Goate of                | Compliance  | <del></del>  |  |                        |
| We certify that the statements  |   | are correct and this                       | REPLAC                   | CEMENT Conforms to Se                                       |  | e ASME Code.                                     |                        |
| Signed: Sundance (Owner or Ow   | - Lasey   | ISI COORDI<br>(Title                       |                          | <u>5-29</u> , 195   | 96   |  |                        |
| (Owner or o   | Her S Designed                                    |  | )<br><del></del>         | (Date)  |  | <del>_</del>                                     |                        |
| <del></del>   | <del>, , , , , , , , , , , , , , , , , , , </del> |  | <del></del>              | <del></del>   |  | <del>-2.7 - 22 - 22 -</del>                      | <del></del>            |
|   |   |  |                          | Inspection  |  | December 2                                       | - • • · · · ·          |
| I, the undersigned, holding a employed by The Hartford Staths report on                       | team and Boiler Insura                            | ance and Inspection<br>the best of my know | n Co. of H<br>owledge an | Hartford, Connectictu havi<br>nd belief, this repair or rep | ing inspected the common time in | he REPLACEMENT des<br>been constructed in accor- | scribed in<br>rdance w |
| Section XI of the ASME Code<br>repair or replacement describe<br>property damage or a loss of | ed in this report. Fur                            | rthermore, neither t                       | the inspect              | tor nor his employer shall                                  | be liable in ar  | ny manner for any person                         | ıal injury             |

|   |  | ComEd Company One First Nation   | (Name)<br>al Plaza, Chicago IL, 60690  | (Address)  |   |   | Date: _  | 3/23/96  | 00.1                               |
|---|--|--|--|--|---|---|--|--|------------------------------------|
|   | 2. Plant:  | Dresden Nuc  | lear Power Station (1<br>resden Road, Morris IL., 604  | Name)  | .ddress)  |   |  | Sheet: <u>1</u><br>Unit:   |                                    |
|   | 3. Work Perfor   | rmed By: <u>SAM</u>  | E AS ABOVE   | (Name)   |   | WR #  | 950075121<br>Repair O  | PLAN 2-95-112<br>rganization P.O. No., Jo                                  |                                    |
|   | 5. (a) Con (b) Edit  | struction Code_<br>tion of Section X   | USAS B31.1.0 • I used-for Repair/Replacemers Repaired or Replaced and R  | , 19 <u>67</u> Edit<br>nt 19 <u>89</u> Edi                                       | tion, N   | Addenda, Addenda  | Code Case<br>la, Code C                                      | es <u>NONE</u><br>ases <u>NONE</u>   |                                    |
| 1 |  | une of nponent   | Name of Manufacturer   | Mfrs.<br>Serial No.  | Nat<br>Brd<br>No                                      | Other<br>ID   | Yr<br>Blt  | Repair,<br>Replaced or<br>Replacement                                      | Code<br>Stamped<br>Yes/No          |
|   | 'A" DIAME<br>THREADEL  |  | UNKNOWN  | UNKNOWN  | N/A   | NONE  | N/A  | REPLACED   | NO                                 |
|   | יאַ" DIAME<br>THREADEL                                       |  | UNKNOWN  | HEAT #<br>61369  | N/A   | SI #791D50  | N/A  | REPLACEMENT  | NO                                 |
|   |  |  |  |  |   |   |  |  |                                    |
|   | 8. Test Conduc   | cted: Hydrostat  | ice [ ] Pneumatic [ ] N  Test Pressure   | ominal Operating   | Pressur<br>Test Ten                                   | e [ ] Not Appli   |  |  |                                    |
|   |  |  |  |  |   |   |  |  |                                    |
|   | 1 .  | Grendan  | s made in this report are corn  Casey  Ner's Designee)   | Certificate ect and this REPI SI COORDINATO (Title)                              | LACEM   | ipliance<br>ENT Conforms to<br>3–23 , 19<br>(Date)  |  | of the ASME Code.  |                                    |
|   | employed by<br>described in<br>accordance v<br>implied, con- | The Hartford S this report on S with Section XI o cerning the repa injury or prope | team and Boiler Insurance and Boiler Insurance and Holler Insurance In | d Inspection Co.  Ite to the best of I  Ing this certificate  I this report. Fur | d of Bo<br>of Hartf<br>ny knov<br>neither<br>thermore | iler and Pressure Ve<br>ord, Connectictu ha<br>dedge and belief, the<br>the inspector nor hi<br>e, neither the inspec | wing inspect<br>his repair of<br>is employer<br>stor nor his | cted the REPLACEMEN<br>r replacement has been of<br>makes any warranty, ex | T<br>constructed in<br>cpressed or |

| <u> </u>  | ·   |  |   |   |   | <u> </u>  |  |
|---|---|--|---|---|---|---|--|
|   | any (Name)  | (Addross)  |   | Da  | te:3-   | 30-96   |  |
|   | ional Plaza, Chicago IL, 60690  Nuclear Power Station (   |  |   |   |   | Sheet: <u>1</u> Of _  | 1_   |
| 6500 North  | Dresden Road, Morris IL., 604   | 150  | (Address  | 3)  |   | Unit:2  | -  |
| Work Performed By: Sa   | me as above   | (1   | Name)   | WR #950100  |   | N 2-95-114<br>tion P.O. No., Job No.  | ata .  |
| <u>Sai</u>  | me as above   | (Ad  | dress)  | керг  | iii Oigainza  | Holl P.O. 140., 100 140.  | cic.   |
| . Identification of System:   | 1500 LPCI   |  |   |   |   |   | •  |
| . (a) Construction Cod  | le <u>USAS B31.1.0</u>  | , 19 <u>67</u>   | Editi   | on, NO Addend   | a, Code Ca  | ses <u>NONE</u>   |  |
| (b) Edition of Section  | n XI used for Repair/Replaceme  | nt 19 <u>89</u> E  | dition, _   | NO Addenda, Co  | de Cases _  | NONE  |  |
| . Identification of Compon  | ents Repaired or Replaced and F   | Replacement Cor  | nponent   | S   |   |   |  |
|   | <del></del>   | <del></del>  | <del></del>   |   | <del></del>   | <del>                                     </del>  | <del>                                     </del> |
| Name of<br>Component  | Name of Manufacturer  | Mfrs.<br>Serial No.  | Nat<br>Brd<br>No  | Other<br>ID   | Yr<br>Blt   | Repair,<br>Replaced or<br>Replacement   | Cod<br>Stamp<br>Yes/N                            |
| 1.INE 2-1533A-2*-D SOCKET<br>WH.D   | N/A   | N/A  | N/A   | NONE  | N/A   | REPLACED  | NO   |
| %" II HEX NUTS  | UNKNOWN   | NONE   | N/A   | NONE  | N/A   | REPLACED  | NO   |
| SCHI FLANGE BOLTS   | UNKNOWN   | NONE   | N/A   | NONE  | N/A   | REPLACED  | NO   |
| LINE 2-1533A-2"-D SOCKET<br>WELD  | N/A   | NONE   | N/A   | NONE  | N/A   | REPLACEMENT   | NO   |
| %-11 HEX NUTS   | UNKNOWN   | HEAT TRACE<br>40052  | N/A   | SI #500E32  | N/A   | REPLACEMENT   | NO   |
| %-11 FLANGE BOLTS   | UNKNOWN   | N/A  | N/A   | SI #796C99  | N/A   | REPLACEMENT   | NO   |
| Test Conducted: Hydro:  | static [ ] Pneumatic [ ] N  Test Pressure  cket weld and disconnected flanger                   | Nominal Operatii   | Test Te   | mperature <u>AMBIENT</u> ºI   | 3   | ance.   |  |
|   |   | G 445  |   |   |   |   |  |
| We certify that the statem  | ents made in this report are corn   | rect and this RE   | PLACE   | mpliance<br>MENT Conforms to Section  | n XI of the   | ASME Code.  |  |
|   | dan J. Cusey I<br>Owner's Designee)   | SI COORDINA<br>(Title)   | <u>TOR</u>  | 3-35, 19 <u>96</u><br>(Date)  | -   |   |  |
|   |   |  |   |   |   |   |  |
| employed by The Hartfor<br>described in this report or<br>accordance with Section 2<br>implied, concerning the re<br>any personal injury or pro | KI of the ASME Code. By sign epair or replacement described in operty damage or a loss of any k | the National Bond Inspection Co<br>ate to the best of<br>ing this certificanthis report. Fixing arising from | ard of B  of Har  f my kno  te neithe  urthermo  or con | rford, Connectictu having is<br>owledge and belief, this rep<br>r the inspector nor his emplore, neither the inspector no<br>nected with this inspection. | nspected the<br>air or replace<br>loyer makes<br>or his emplo | e REPLACEMENT<br>cement has been constru-<br>any warranty, expresse<br>yer shall be liable in any | cted in  |
| Date: 4-1-96  | Inspector: <u>Latt</u>  | faine  |   | Commissions: II   | 932, NB77   | 42NISB<br>vince, National Board)  |  |

| 1. Owner   | ComEd Company  | (Name)<br>al Plaza, Chicago IL, 60690  | (Addmass)   |   | Da  | ite:5_   | 6-96  |                           |
|--|--|--|---|---|---|--|---|---------------------------|
| 2 Plant  |  | lear Power Station (I  |   | ,   |   |  | Sheet: 1 Of   | <u> </u>                  |
| Z. I laiit.  | 6500 North Dr  | resden Road, Morris IL., 604   | 50  | (Addr   | ress)   |  | Unit: 2   | _                         |
| 3. Work I  | Performed By: <u>SAM</u>   | E AS ABOVE   | (   | Name)   | PLAN 2-9  | 5-115 W  | R 940093989<br>ation P.O. No., Job No.  | ato                       |
|  | SAM  | E AS ABOVE   | (A  | Address)  | кер   | an Organiz   | Zation F.O. 140., 300 140.  |                           |
| 4. Identifi  | cation of System:  | 0203 MAIN STEAM  |   |   |   |  |   | •                         |
| 5. (a)   | Construction Code  | ASME Section III • I used for Repair/Replacement   | _, 19 <u>65</u>   | _ Edition   | , NO Addenda, Coo   | de Cases _   | None  |                           |
| (b)  |  |  |   | -   | •   | e Cases  | None  | <del>_</del> -            |
| 6. Identifi  | cation of Components   | Repaired or Replaced and R   | eplacement  | Compone   | ents  |  | •   |                           |
|  | Name of<br>Component   | Name of Manufacturer   | Mfrs.<br>Serial<br>No.  | Nat<br>Brd<br>No  | Other<br>ID   | Yr<br>Blt  | Repair,<br>Replaced or<br>Replacement   | Code<br>Stamped<br>Yes/No |
| 1겲 " ST  | TUD NUTS   | UNKNOWN  | N/A   | N/A   | 2-0203-3/17 Kmg/11/KL   | N/A  | REPLACED  | NO                        |
| 1음 " ST  | rud nuts   | DRESSER<br>INDUSTRIES  | N/A   | N/A   | SI #790H78  | N/A  | REPLACEMENT   | NO                        |
|  |  |  |   |   |   |  |   |                           |
|  |  |  |   |   |   |  |   |                           |
|  |  |  |   |   |   |  |   |                           |
| 7. Descrip   | otion of work: Five  | stud hex nuts with wrong wro   | ench size we  | ere replac  | ed for consistency.   |  |   |                           |
|  | onducted: Hydrostati   | Test PressureN   |   | g Test  | essure [] Not Applicable [ Temperature <u>N/A</u> °F  nuts. Joint was examined for  |  | ng system hydro, no leak  | age observed.             |
|  |  |  |   |   |   |  |   |                           |
|  | · 10   | Acr.   | ect and this  | REPLAC<br>NATOR   | Compliance<br>CEMENT Conforms to Section<br>5-6, 19 96<br>(Date)  |  | ASME Code.  |                           |
|  |  |  |   |   |   |  |   | _ <del></del>             |
| employe<br>describe<br>accorda<br>implied<br>any per | ed by The Hartford Sign in this report on nce with Section XI of a concerning the repair | team and Boiler Insurance and 19/6 and start the ASME Code. By signing or replacement described in the damage of a loss of any kind. | the National<br>d Inspection<br>te to the bes<br>ng this certif<br>this report. | Board of<br>Co. of F<br>st of my lificate neif<br>Further<br>from or co | Inspection  f Boiler and Pressure Vessel I Hartford, Connectictu having is knowledge and belief, this repther the inspector nor his empmore, neither the inspector no onnected with this inspection.  Commissions: II | inspected the<br>pair or replaced<br>loyer make<br>or his empl | ne REPLACEMENT acement has been construct as any warranty, express over shall be liable in an | acted in                  |
|  | <u> </u>   |  | <del>/</del>  | /   |   |  | ovince, National Board)   |                           |

Commissions: <u>IL932, NB7742NISB</u>
(State or Province, National Board)

| 6500 North Dre  | ear Power Station<br>esden Road, Morris I | (Name)<br>L., 60450  | (Addre           | ess)                     |                                | Unit:2                                     | _                   |
|---|---|----------------------|------------------|--------------------------|--------------------------------|--|---------------------|
| Work Performed By: Bechte                                       |   |                      |                  | <u> </u>                 | 940094047 ()<br>Repair Organia | PLAN 2-95-116)<br>ration P.O. No., Job No. | etc.                |
| Gaither:  Identification of System:2                            | sberg, MD 20877                           |                      |                  |                          |                                |  |                     |
| -   |   |                      | Edition.         | NO Addenda, Code Ca      | ases NONE                      |  |                     |
| (b) Edition of Section XI                                       | used for Repair/Rep                       | acement 19 <u>89</u> | _Edition,        | NO Addenda, Code C       | ases <del>-NC</del>            | -25-96 N 916-1                             |                     |
| Identification of Components l                                  | Repaired or Replaced                      | and Replacement C    | Componen         | ts                       |                                |  | _                   |
| Name of<br>Component  | Name of<br>Manufacturer                   | Mfrs.<br>Serial No.  | Nat<br>Brd<br>No | Other<br>ID              | Yr<br>Blt                      | Repair,<br>Replaced or<br>Replacement      | Coo<br>Stam<br>Yes/ |
| 1%"-8 A193 Grade B7<br>STUDS                                    | UNKNOWN                                   | UNKNOWN              | N/A              | NONE                     | N/A                            | REPLACED                                   | NO                  |
| 11/8" A194 Grade 2H HEX<br>NUTS                                 | UNKNOWN                                   | UNKNOWN              | N/A              | NONE                     | N/A                            | REPLACED                                   | NO                  |
| 1"-8 A193 Grade B7<br>STUDS                                     | UNKNOWN                                   | UNKNOWN              | N/A              | NONE                     | N/A                            | REPLACED                                   | NO                  |
| 1"-8 A194 Grade 2H HEX<br>NUTS                                  | UNKNOWN                                   | UNKNOWN              | N/A              | NONE                     | N/A                            | REPLACED                                   | NO                  |
| 1%"-8 A193 Grade B7<br>STUDS                                    | UNKNOWN                                   | HT 8860543           | N/A              | SI #796D83               | N/A                            | REPLACEMENT                                | NO                  |
| 11/6" A194 Grade 2H HEX<br>NUTS                                 | UNKNOWN                                   | NONE                 | N/A              | SI #763C85               | N/A                            | REPLACEMENT                                | NO                  |
| Description of work: Replac                                     | ed existing flange st                     | ids and nuts at HPC  | I booster        | pump and Line 2-2304-14  | "-C that was                   | worn and/or corroded. P                    | ipe flange          |
| sconnected to assist with coupli<br>Test Conducted: Hydrostatic |   | •                    | meina Dra        | ssure [ ] Not Applicable | o (V)                          |  |                     |
| rest Conducted. Trydrostatic                                    |   | •                    | _                | Temperature "F           | c [A]                          |  |                     |
| Remarks: Piping was inspec                                      |   |                      |                  | •                        |                                |  |                     |
|   |   |                      |                  |                          |                                |  |                     |
|   |   |                      |                  |                          |                                |  |                     |
| We certify that the statements                                  | 1. :- at :-                               |                      |                  | Compliance               | VI c.b                         | A SME Code                                 |                     |
| Signed: Sundan  | Inade in this report a                    | ISI COORDIN          |                  | 5-29 . 19 90             | ,                              | ASME Code.                                 |                     |
|   | ner's Designee)                           | (Title)              |                  | (Date)                   | 2                              |  |                     |
|   |   |                      |                  |                          |                                |  |                     |
|   |   |                      |                  | Inspection               |                                |  |                     |

|  | nnal Plaza Chicago II 🛭 6  | )<br>60690 (Address)   |   |  | Date:5-9  | -96  |                                  |
|--|--|--|---|--|---|--|----------------------------------|
| . Plant:Dresden Ni   |  |  |   |  |   | Sheet: _1_ Of  |                                  |
| Plant: <u>Dresden North</u>  | Dresden Road, Morris II  | 60450  | (Addre  | ss)  |   | Unit: 2  | _                                |
| . Work Performed By:Bec  | chtel Construction   | (Name)   |   |  |   | PLAN 2-95-118)<br>ation P.O. No., Job No.  | 210                              |
| _Gait  | hersberg, MD 20877   | (Address)  |   |  | Kepan Organi  | audii F.O. 140., 300 140.  | cu.                              |
| Identification of System: _  | 0203/3000 Main Stea  | m  |   |  |   |  |                                  |
| (a) Construction Code  | USAS B31.1.0   | • 19 <u>67</u>   | Edition, _  | NO Addenda, Code C<br>NO Addenda, Code C   | Cases <u>NONE</u>   |  |                                  |
| (b) Edition of Section   | XI used for Repair/Repla   | acement 19 <u>89</u>   | _Edition,   | NO Addenda, Code (   | CasesNO   | <u>NE</u>  |                                  |
| Identification of Componer   | nts Repaired or Replaced   | and Replacement (  | Componen  | ts   |   | •  |                                  |
| Name of  | Name of  | Mfrs.  | Nat   | Other  | Yr  | Repair,  | Code                             |
| Component  | Manufacturer   | Serial No.   | Brd   | ID   | Blt   | Replaced or  | Stampe                           |
|  |  |  | No  |  |   | Replacement  | Yes/N                            |
| Snubber (PSA-35)   | Pacific Scientific   | 790  | N/A   | 2-0203-3A-32   | N/A   | Replaced   | NO                               |
|  |  | <u> </u>   | -   |  |   |  | <del> </del>                     |
| Snubber (PSA-35)   | Pacific Scientific   | 5013   | N/A   | SI #502F88   | N/A   | Replacement  | NO                               |
|  |  |  | <u> </u>  |  |   |  |                                  |
|  |  |  | 1   |  |   |  |                                  |
|  |  |  |   |  |   |  |                                  |
| d returned to Stores as spar<br>Test Conducted: Hydrost  | ratic [ ] Pneumatic [  | ] Nominal Ope  |   |  | ole [X]   |  | -                                |
|  |  |  |   | •  |   |  |                                  |
|  |  |  |   |  |   |  |                                  |
|  |  | Certi  | ificate of  | Compliance   | tion XI of the  | ASME Code.   |                                  |
| Remarks: None.  We certify that the statement  | nts made in this report a  | Certing correct and this l   | ificate of  | Compliance<br>EMENT Conforms to Sec  |   | ASME Code.   |                                  |
| Remarks: <u>None.</u>  | nts made in this report a  | Certing correct and this l   | ificate of  | Compliance<br>EMENT Conforms to Sec  |   | ASME Code.   |                                  |
| Remarks: None.  We certify that the statement  | nts made in this report a  | Certing correct and this l   | ificate of  | Compliance<br>EMENT Conforms to Sec  |   | ASME Code.   |                                  |
| Remarks: None.  We certify that the statement  | nts made in this report a  | Certing correct and this land this land this land this land this land this land the land this land the land this land the land th | ificate of REPLACI  | Compliance<br>EMENT Conforms to Sec<br>5-9 , 19 9<br>(Date)  |   | ASME Code.   |                                  |
| Remarks: None.  We certify that the statement Signed: Signed: Owner or Country that the statement of the sta | nts made in this report at<br>A. Cusury<br>Owner's Designee)   | Certice correct and this last COORDIN (Title)  | ificate of REPLACI  | Compliance EMENT Conforms to Sec 5-9 , 19 9 (Date)   | 6<br>   |  |                                  |
| Remarks: None.  We certify that the statement  | a valid commission issues team and Boiler Insurations. 1976 and state to the dee. By signing this ceribed in this report. Furt | Certice correct and this land ince and Inspection ne best of my know tificate one thermore, neither the  | ificate of REPLACI [ATOR]  tificate of Board of I Co. of Harledge and inspector te inspecto | Compliance EMENT Conforms to Sec  5-9 (Date)  Inspection  Boiler and Pressure Vesse reford, Connectictu having belief, this repair or repliance in the semployer makes ar r nor his employer shall the | I Inspectors and g inspected the accement has been warranty, et | i the State or Province of REPLACEMENT descrence constructed in accorda pressed or implied, conc | ibed in<br>nce with<br>eming the |

#### ATTACHMENT 1

### NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

DAP 11-18 REVISION 06

| 1. Owner: ComEd  |  | <u> </u>  |                  | · D               | ate: 1-    | 23-96                                 |                       |
|--|--|---|------------------|-------------------|------------|---------------------------------------|-----------------------|
| One First National Plaza, Chic   | ago IL.,60690  |   |                  |                   |            |                                       |                       |
| . Plant: <u>Dresden Nuclear Power Staion</u>   | 1  |   |                  | St                | neet:1     | Of _1_                                |                       |
| 6500 N. Dresden Road, Morn   |  |   |                  |                   | Ur         | nit:                                  |                       |
| Work Performed By: SAME AS ABO   | OVE  | (Name)  |                  | 950096408 Plan 2  | -95-120    |                                       |                       |
| _SAME AS ABO   | VE   | (Address)                                       |                  | Repair Organizati | on P.O. No | ., Job No. etc.                       |                       |
| Identification of System:1400 _ Co   | ara Carre  |   |                  |                   |            |                                       |                       |
|  | •  |   |                  | <del></del>       |            |                                       |                       |
| (a) Construction Code <u>USAS B</u> (b) Edition of Section XI used for Rep     Identification of Components Repaired |  | ı, <u>NO</u> Adder                              |                  |                   |            |                                       |                       |
| Name of<br>Component   | Name of Manufacturer   | Mfrs.<br>Serial No.                             | Nat<br>Brd<br>No | Other<br>ID       | Yr<br>Blt  | Repair,<br>Replaced or<br>Replacement | Cod<br>Stamp<br>Yes/I |
| 1/2" Diameter Studs  | Unknown  | Unknown   | N/A              | A-193 Grade B7    | N/A        | Replaced                              | No                    |
| 1/2" Hex Nuts  | Unknown  | Unknown   | N/A              | A-194 Grande 2H   | N/A        | Replaced                              | No                    |
|  |  |   |                  |                   |            | - 17                                  |                       |
| 3/4" Diameter Studs  | Unknown  | Unknown   | N/A              | A-193 Grade B7    | N/A        | Replacement                           | No                    |
| 3/4" Hex Nuts  | Unknown  | Unknown   | N/A              | A-194 Grande 2H   | N/A        | Replacement                           | No                    |
|  |  |   |                  |                   |            |                                       |                       |
| Test Pre   | sized bolting material on pump atic [ ] Pneumatic [ ] N ssure 240 psig Test Te | ominal Operating                                | g Pressur        | _°F               | ()         |                                       |                       |
| We certify that the statements made in Signed: Sundan J. Cus. (Owner or Owner's Des                                  | this report are correct and this  ISI Coordinator                              | tificate of Comp<br>REPLACEMEN<br>2-9<br>(Date) | NT Conf          |                   | ASME Coc   | de.                                   |                       |
|  | Cei  | rtificate of Insp                               | ection           |                   |            |                                       |                       |

| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of           |
|---|
| ///// 0/9, employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the                                 |
| REPLACEMENT described in this report on 1-9, 1996 and state to the best of my knowledge and belief, this repair or replacement has been                     |
| constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty,          |
| expressed or implied, concerning the repair or replacement described in this 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.                                 |
| $\wedge$  |

| Date: | 1-9-96 | Inspector: | Kut 1 |  | lein | ( _c | ommissions: | IL932. NB7742NISB  |                  |
|-------|--------|------------|-------|--|------|------|-------------|--------------------|------------------|
|       |        | •          |       |  |      |      |             | (State or Province | . National Board |

| 1. Owner:   | ComEd Company   | / (Name   |   |   | E                            | ate: <u>5-2</u>                                       | 9-96   | ,                                  |  |  |  |
|---|---|---|---|---|------------------------------|---|--|------------------------------------|--|--|--|
| 2. Plant:   |   | at Piaza, Chicago IL, d   | (Name)  |   |                              |   | Sheet: 1 Of  | _1                                 |  |  |  |
| 2. Plant.   | 6500 North D  | resden Road, Morris II  | L., 60450 (Addre  | ss)   |                              |   | Unit:2   | _                                  |  |  |  |
| 3. Work P   | Performed By: <u>Bech</u>   | itel Constructors   | (Name)  |   | WR 95                        | 0042171 (I  | PLAN 2-96-002)<br>ration P.O. No., Job No.   | etc                                |  |  |  |
|   | Gaithe  | ersberg, MD 20877   | (Address)   |   | Re                           | pan Organiz   | anon 1.0. No., 300 No.   | cic.                               |  |  |  |
| 4. Identifi   | cation of System:   | 2300 HPCI   |   |   |                              |   |  | •. •                               |  |  |  |
| 5. (a)  | Construction Code   | USAS B31.1.0  | 19 67 E   | dition,                                       | NO Addenda, Code Ca          | ses NON   | E<br>ONE   |                                    |  |  |  |
| (b)   |   | s Repaired or Replaced  | <del></del>   |   |                              | ases  | ONE .  | <del></del>                        |  |  |  |
| o. Identific  | eation of Component   | s Repaired of Replaced  | and Replacement   | -ompone                                       |                              | <del></del>   |  |                                    |  |  |  |
|   | Name of<br>Component  | Name of<br>Manufacturer   | Mfrs.<br>Serial No.   | Nat<br>Brd<br>No                              | Other<br>ID                  | Yr<br>Blt   | Repair,<br>Replaced or<br>Replacement  | Code<br>Stamped<br>Yes/No          |  |  |  |
| 2 16" 1<br>FLANC  | 50# SLIP ON<br>SES  | UNKNOWN   | UNKNOWN   | N/A   | Line 2-2302-16"-LX           | N/A   | REPLACED   | NO                                 |  |  |  |
| A106 G  | rade B PIPE   | UNKNOWN   | UNKNOWN   | N/A   | Line 2-2302-16"-LX           | N/A   | REPLACED   | NO                                 |  |  |  |
|   |   | - touris  |   |   |                              |   | ing, and in  |                                    |  |  |  |
| 2 16" 1<br>FLANC  | 50# SLIP ON<br>GES  | UNKNOWN   | HEAT KZD5   | N/A   | SI #800F42                   | N/A   | REPLACEMENT  | NO                                 |  |  |  |
| A106 G  | rade B PIPE   | UNKNOWN   | HEAT B08957   | N/A   | SI #551A44                   | N/A   | REPLACEMENT  | NO                                 |  |  |  |
| 7. Descrip<br>#313880.                                  | tion of work: Replac  | ed existing pipe and fla  | anges in order to red   | uce pipe                                      | strain and assist in HPCI Bo | oster pump c  | oupling alignment as dire  | cted in CHRO                       |  |  |  |
|   | onducted: Hydrostat   | tic [ ] Pneumatic [   | ] Nominal Oper  | ating Pro                                     | essure [X] Not Applicable    | le [ ]  | <u></u>  |                                    |  |  |  |
|   | ·   |   | ure <u>21</u> psig  |   | Temperature Ambient °F       |   |  |                                    |  |  |  |
| 9. Remark   | s: Piping was give  |   |   |   | rveillance DOS 2300-03.      |   |  | •                                  |  |  |  |
|   |   |   |   |   |                              |   |  |                                    |  |  |  |
| II.   | Certificate of Compliance  We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.  Signed: 15 Mary 181 COORDINATOR 5-29, 1996  (Owner or Owner's Designee) (Title) (Date) |   |   |   |                              |   |  |                                    |  |  |  |
|   |   | <del>2. 7. 4.</del>   | Certii  | ficate of                                     | Inspection                   | <del></del> -   |  |                                    |  |  |  |
| employe<br>this repo<br>Section<br>repair o<br>property | ed by The Hartford S<br>ort on  | team and Boiler Insura<br>19 and state to the By signing this center of the signing this center of the signing from any kind arising from | ince and Inspection<br>the best of my know<br>rtificate neither the i<br>thermore, neither th | Co. of I<br>dedge an<br>inspector<br>e inspec | 4                            | inspected the cement has by warranty, to liable in an | ne REPLACEMENT des<br>been constructed in accord<br>expressed or implied, co<br>by manner for any person | cribed in rdance with ncerning the |  |  |  |
| Date: _   | // /U Ins   | spector:  | 4 1. 600  |   | Commissions:                 |   | ovince, National Board)  | <del></del> (                      |  |  |  |

| . Owner. Company  | (Name  | )  |  | Date:   |  |   |                                     |  |  |
|---|--|--|--|---|--|---|-------------------------------------|--|--|
| . Owner: <u>ComEd Company</u><br><u>One First Nationa</u>   |  |  |  |   |  | Sheet: 1 Of   | 1_                                  |  |  |
| Plant: Dresden Nucl<br>6500 North Dr  | ear Power Station<br>esden Road, Morris II   | (Name)   | (Addre   | ss)   |  | Unit: 2   | =•                                  |  |  |
| . Work Performed By: _Becht   |  |  | _,   | wr •  | 940094047 (1   | PLAN 2-96-003)  | _                                   |  |  |
| -   |  |  |  |   |  | ation P.O. No., Job No.   | etc.                                |  |  |
| - <del></del>   | rsberg, MD 20877   |  |  |   |  |   | ٠.                                  |  |  |
| . Identification of System:   |  |  |  |   |  |   |                                     |  |  |
| (a) Construction Code <u>(</u> b) Edition of Section X  | JSAS B31.1.0<br>used for Repair/Repl   |  | Edition,<br>Edition.   | NO Addenda, Code C<br>NO Addenda, Code C  | ases <u>NONE</u><br>Cases NO                             | NE -  |                                     |  |  |
| . Identification of Components  |  |  |  | •   |  |   |                                     |  |  |
|   |  |  |  |   |  |   |                                     |  |  |
| Name of   | Name of  | Mfrs.  | Nat  | Other   | Yr   | Repair,   | Cod                                 |  |  |
| Component   | Manufacturer   | Serial No.   | Brd<br>No  | ID  | Blt  | Replaced or Replacement   | Stam<br>Yes/                        |  |  |
| SUPPORT M-1151D-281   | N/A  | N/A  | N/A  | M-1151D-281   | N/A  | REPAIRED  | NO                                  |  |  |
|   | 1  |  | 1  |   |  |   | 1                                   |  |  |
| SUPPORT M-1151D-282   | N/A  | N/A  | N/A  | M-1151D-282   | N/A  | REPAIRED  | NO                                  |  |  |
| SUPPORT MI-1131D-282  | IN/A   | N/A  | N/A  | WI-1131D-262  | IN/A   | REPAIRED  | - NO                                |  |  |
|   | <del> </del>   |  | -  |   |  |   | <del> </del>                        |  |  |
| SUPPORT M-1151D-283   | N/A  | N/A  | N/A  | M-1151D-283   | N/A  | REPAIRED  | NO                                  |  |  |
| Test Conducted: Hydrostati  |  |  | _  | SSURE [ ] Not Applicable  Temperature °F  | le {X]   |   |                                     |  |  |
| Remarks: Modification cor   | isisted of trimming an   | gle iron clips and sl  | nortening  | stanchion.  |  |   |                                     |  |  |
|   |  |  |  |   |  |   |                                     |  |  |
|   |  |  |  |   |  |   |                                     |  |  |
|   |  |  |  | ···   |  |   |                                     |  |  |
|   |  |  |  |   |  |   |                                     |  |  |
| We certify that the statements  | made in this report as   | Certing correct and this I   | ificate of   | Compliance Conforms to Section XI of  | the ASME Co  | ode.  |                                     |  |  |
| · 1 .   |  | re correct and this l  | REPAIR   | Conforms to Section XI of   |  | ode.  |                                     |  |  |
| Signed: Brendan   | made in this report at A. Casay  | re correct and this l  | REPAIR   | Compliance Conforms to Section XI of  5-9 (Date)  |  | ode.  |                                     |  |  |
| Signed: Brendan   | 1. Cusus   | re correct and this I  | REPAIR   | Conforms to Section XI of   |  | ode.  |                                     |  |  |
| Signed: Brendan   | 1. Cusus   | re correct and this I  | REPAIR (   | Conforms to Section XI of   |  | ode.  |                                     |  |  |
| Signed: Brendan   | 1. Cusus   | re correct and this I  | REPAIR (   | Conforms to Section XI of   |  | ode.  |                                     |  |  |
| Signed: Bundan<br>(Owner or Owner or Owner)   | valid commission issu  | ISI COORDIN (Title) Certed by the National   | ATOR  ifficate of Board of 1                                       | Conforms to Section XI of  5-9 (Date)  Inspection  Boiler and Pressure Vessel   | Inspectors and   | 1 the State or Province of  |                                     |  |  |
| I, the undersigned, holding a employed by The Hartford St on 6 20 4, 19 an  | valid commission issue earn and Boiler Insurand state to the best of n   | re correct and this I  ISI COORDIN  (Title)  Cert ed by the National nee and Inspection my knowledge and inspection my knowledge and inspection in the control of the contr | ATOR  tificate of Board of Habelief, this                          | Conforms to Section XI of  5-9 (Date)  Inspection  Boiler and Pressure Vessel artford, Connecticu having a repair or replacement has                              | Inspectors and inspected the been construction           | I the State or Province of REPAIR described in the ted in accordance with St                          | is report                           |  |  |
| I, the undersigned, holding a employed by The Hartford St on 6 20 4 19 an of the ASME Code. By sign replacement described in this | valid commission issue eam and Boiler Insurard state to the best of ring this certificate neith report. Furthermore, | LEST COORDIN (Title)  Cert ed by the National nee and Inspection my knowledge and ther the inspector neither the inspector neither the inspector meither the inspector neither t | tificate of Board of it Co. of Habelief, this or his empor nor his | Conforms to Section XI of  5-9 (Date)  Inspection  Boiler and Pressure Vessel autford, Connectictu having to repair or replacement has bloyer makes any warranty, | Inspectors and inspected the been construct expressed or | i the State or Province of REPAIR described in the ted in accordance with Stimplied, concerning the i | is report<br>ection XI<br>repair or |  |  |
| I, the undersigned, holding a employed by The Hartford St on 6 20 - 1/2 19 an of the ASME Code. By sign                           | valid commission issue eam and Boiler Insurard state to the best of ring this certificate neith report. Furthermore, | LEST COORDIN (Title)  Cert ed by the National nee and Inspection my knowledge and ther the inspector neither the inspector neither the inspector meither the inspector neither t | tificate of Board of it Co. of Habelief, this or his empor nor his | Conforms to Section XI of  5-9 (Date)  Inspection  Boiler and Pressure Vessel autford, Connectictu having to repair or replacement has bloyer makes any warranty, | Inspectors and inspected the been construct expressed or | i the State or Province of REPAIR described in the ted in accordance with Stimplied, concerning the i | is report<br>ection XI<br>repair or |  |  |

#### ATTACHMENT 1

### NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

DAP 11-18 REVISION 06

| Owner: ComEd One First National  | Plaza. Chicago IL. 60690         |                               |                     |   | 1         | Date: <u>2-23-96</u>                  | <del>-</del> .          |
|--|----------------------------------|-------------------------------|---------------------|---|-----------|---------------------------------------|-------------------------|
| <del></del>  | <del>-</del>                     |                               |                     |   | 5         | Sheet:1_ Of _1_                       |                         |
| Plant: <u>Dresden Nuclear Po</u><br>6500 N. <u>Dresden</u>                       | Road. Morris IL., 60450          |                               |                     |   |           | Unit:2                                |                         |
| B. Work Performed By: SAM  | E AS ABOVE                       | (1                            | Name)               |   |           | 2-96-007                              |                         |
| SAM  | E AS ABOVE                       | (                             | Address)            | Repai                                   | ir Organ  | ization P.O. No., Job N               | o. etc.                 |
| . Identification of System: _  | 0202 REACTOR RECIRCUI            | ATION                         |                     | _                                       |           |                                       |                         |
| i. (a) Construction Code   | USAS B31.1.0                     | 19 <u>67</u> Editio           |                     |   | 0         |                                       |                         |
| i. Identification of Componer  | nts Repaired or Replaced and R   | eplacement Com                | ponents             |   |           |                                       |                         |
| Name of<br>Component   | Name of Manufacturer             | Mfrs.<br>Serial No.           | Nat<br>Brd<br>No    | Other<br>ID                             | Yr<br>Blt | Repair,<br>Replaced or<br>Replacement | Code<br>Stampo<br>Yes/N |
| 24 BONNET STUDS  | UNKNOWN                          | N/A                           | N/A                 | VALVE 2-0202-5A                         | N/A       | REPLACED                              | NO                      |
| 48 BONNET NUTS   | UNKNOWN                          | N/A                           | N/A                 | VALVE 2-0202-5.A                        | ™N/A      | REPLACED                              | NO                      |
| 24 BONNET STUDS  | UNKNOWN                          | N/A                           | N/A                 | SI #507F13                              | N/A       | REPLACEMENT                           | NO                      |
| 48 BONNET NUTS   | UNKNOWN                          | N/A                           | N/A                 | SI #764F55                              | N/A       | REPLACEMENT                           | NO                      |
|  |                                  |                               |                     |   |           |                                       |                         |
| Description of work: Replanaintenance of valve.  Test Conducted:  Remarks: None. | Hydrostatic [ ] Pneumat          | ic [ ] Nomir                  | nal Opera           |   | pplicable |                                       | o be leaking            |
| . Actial AS  |                                  |                               |                     |   |           |                                       |                         |
|  |                                  |                               |                     |   |           |                                       |                         |
| We certify that the statemen   | nts made in this report are corn | Certifica<br>ect and this REI | ite of Co<br>PLACEN | ompliance<br>MENT Conforms to Section 2 | KI of the | e ASME Code.                          | <del></del>             |

#### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Illinois, employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 1996 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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: 3-25-96 Inspector: LANT J. Lawy Commissions: IL932. NB7742NISB (State or Province, National Board)