



**Nebraska Public Power District**

"Always there when you need us"

NLS2008065  
August 14, 2008

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

Subject: Inservice Inspection Summary Report  
Cooper Nuclear Station, Docket No. 50-298, DPR-46

Dear Sir or Madam:

The purpose of this letter is to provide to the Nuclear Regulatory Commission the Inservice Inspection (ISI) Summary Report for the Spring 2008 Refueling Outage at Cooper Nuclear Station. This report is submitted in accordance with the requirements of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI. The attachment contains the Abstract of Examinations, Results, and Corrective Measures, along with the NIS Forms and Summary Tables. Certain non-ASME Section XI augmented ISI results are also included.

Should you have any questions regarding this matter, please contact me at (402) 825-2904.

Sincerely,

David W. Van Der Kamp  
Licensing Manager

/dm

Attachment

cc: Regional Administrator w/enclosure  
USNRC - Region IV

NPG Distribution w/o enclosure

Senior Resident Inspector w/enclosure  
USNRC - CNS

CNS Records w/enclosure

Cooper Project Manager w/enclosure  
USNRC - NRR Project Directorate IV-1

A047  
NRR

**ASME B&PV Code, Section XI, Summary Report  
Cooper Nuclear Station  
Refueling Evolution RE24, Spring 2008**

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RE24 NIS-2 Forms and Summary Tables

## Abstract of Examinations, Tests, Results, and Corrective Measures

### Introduction

This report documents the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel (B&PV) Code, Section XI, Inservice Inspection (ISI) Examinations, and Repair or Replacements performed from November 23, 2006 to May 17, 2008 that corresponds with the end of Refueling Outage 24 (RE24) at Cooper Nuclear Station (CNS). RE24 is the second outage of the first period in the Fourth ISI interval for Class 1, 2 and 3 components. RE24 is the second outage of the third period in the first interval for Class MC containment inspections. Examinations, repairs, and replacements were performed to the applicable requirements of the ASME B&PV Code, Section XI as delineated on the attached NIS-1 and NIS-2 forms.

### Examinations

#### ASME Section XI Class 1, 2, and 3 Components

The examinations of ASME Code Class 1, 2, and 3 components are provided in the summary table. There were a total of one hundred seventy eight (178) ASME Section XI ISI component examinations credited to the first period of the fourth ISI Interval for Class 1, 2, and 3 components.

Nineteen (19) pre-service examinations were performed. See Attachment 1 to the Class 1, 2, and 3 NIS-1 for details.

#### Containment

The containment inservice inspection program implements the examinations schedule of the primary containment pressure boundary in accordance with ASME Section XI, 1992 Edition, 1992 Addenda. There were a total of ninety-four (94) IWE component examinations credited to the third period of the First IWE Interval for Class MC components. See Attachment 1 to the Class MC NIS-1 for details.

#### Pressure Testing

The Class 1 system leakage test was performed to test the primary coolant system boundary, Code Category BP, and the Class 2 portion of the Control Rod Drive system boundary credited to the Fourth 10 Year ISI Interval. The vessel flange seal leak detection system was pressure tested with the refueling cavity flooded as permitted by Relief Request PR-04.

Code Category C-H periodic pressure tests were performed and credited to the first period of the Fourth 10 Year Interval for CRD, CS, HPCI, RCIC, REC, and RHR systems. Code Category D-B periodic pressure tests were performed on the HPCI, NBI, REC, and SW systems. See Attachment 1 to the Class 1, 2, 3 NIS-1 for details.

### Owner Elected and Augmented Examinations

Three hundred six (306) owner elected component examinations were performed and credited to the Boiling Water Reactor Vessel Internals Project (BWRVIP) and General Electric (GE) Service Information Letters (SILs). The Owner elected examinations included ultrasonic and visual examinations as required by the CNS Vessel Internals Program that implements the recommendations by BWRVIP and other industry operating experiences.

See Attachment 1 to the Class 1, 2, and 3 NIS-1 for details.

### **Repairs or Replacements**

The ASME Section XI repairs or replacements are as summarized in the Form NIS-2 Owner's Report and summary table.

# FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

(As required by the Provisions of the ASME Code Rules)

1. Owner Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
(Name and Address of Owner)

2. Plant Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
(Name and Address of Plant)

3. Plant Unit 1 4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date 07/01/1974 6. National Board Number for Unit N/A

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Piping, Pumps, Valves, and Supports	N/A	N/A	N/A	N/A
Reactor Pressure Vessel/Vessel Head	Combustion Engineering	C.E. 66106/C.E. 66206	N/A	20762

(\*) SEE "ATTACHMENT 1" FOR APPLICABLE INFORMATION

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

**FORM NIS-1 (Back)**

8. Examination Dates 11/23/2006 to 5/17/2008
9. Inspection Period Identification: Period 1: 3/1/2006 to 6/30/2009
10. Inspection Interval Identification: Interval 4: 3/1/2006 to 2/29/2016
11. Applicable Edition of Section XI 2001 Addenda 2003
12. Date/Revision of Inspection Plan: 04/03/2008
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan.  
See Attachment 1
14. Abstract of Results of Examinations and Tests.  
See Attachment 1
15. Abstract of Corrective Measures.  
See Attachment 1

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

Certificate of Authorization No. ( if applicable) N/A Expiration Date *K. B. Thomas for*  
 Date 7/21/2008 Signed Nebraska Public Power District By Vasant N. Bhardwaj  
 Owner

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of  
 Nebraska and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of  
 Hartford, Connecticut have inspected the components described in this Owner's Report during the period  
11/23/2006 to 05/17/2008, and state that to the best of my knowledge and belief, the Owner has performed  
 examinations and tests and taken corrective measures described in this Owner's Report in accordance with the inspection plan and as required by the ASME  
 Code, Section XI.

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

*K. Saltzman* Commissions *NB11047 A, N, I, C, NS 10094 NE*  
 Inspector's Signature National Board, State, Province, and Endorsements  
 Date *July 23, 2008*

(\*) SEE "ATTACHMENT 1" FOR APPLICABLE INFORMATION

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

Exam Credit:	PSI	Equal:	19
Category:	B-G-2	Equal:	1
Item No.:	B7.70	Equal:	1

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B7.70.0017	MS-RV-71C	1	MS	Valve Body Bolting	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4529312	VT-1	VE-S08-295	Accept	N/A	Replaced valve body bolting, stud and spline nut on CNS warehouse material number: 4036136, MS-RV-71 Spare, Body Serial Number: 377. PSI exams, MT of spline nut and PT of stud, were performed in lieu of VT-1 per IWA-2240. Reference Work Order: 4549506, CNS Film File, for replacement of MS-RV-71CRV with MS-RV-71 Spare, Body Serial Number: 377, CNS warehouse material number: 4036136.

Category:	D-A	Equal:	1
Item No.:	D1.30	Equal:	1

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
D1.30.0002	SW-PC-A1	3	SW	Pump Support Integrally Welded Attachment	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4458761	VT-1	VE-S08-272	Accept	CC-686	Exam Sat. Pre-Service examination performed when SW pump, SW-P-C, reinstalled. Reference CNS Film File Work Oder: 4458761 for exam data.

Category:	F-A	Equal:	17
Item No.:	F1.10.D	Equal:	5

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.10.D.0010	MSS-21	1	MS	Mechanical Snubber	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4546751	VT-3	VE-S08-296	Accept	CC-686	PSI examination per IWF-5200(a). Reference: R/R Record 07-033.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.10.D.0012	MSS-63	1	MS	Mechanical Snubber	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4546749	VT-3	VE-S08-298	Accept	CC-686	PSI examination per IWF-5200(a). Reference: R/R Record 07-032.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.10.D.0016	RFS-13	1	RF	Mechanical Snubber	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4546752	VT-3	VE-S08-299	Accept	CC-686	PSI examination per IWF-5200(a). Reference: R/R Record 07-034.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.10.D.0043	RHS-69B	1	RHR	Mechanical Snubber	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4444292	VT-3	VE-S08-300	Accept	CC-686	PSI examination performed per ASME Section XI, IWF-5200(a). Reference: R/R Record 07-031.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.10.D.0045	RHS-71	1	RHR	Mechanical Snubber	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4444287	VT-3	VE-S08-301	Accept	CC-686	PSI examination performed per ASME Section XI, IWF-5200(a). Reference: R/R Record 07-030.

Item No.:	F1.20.D	Equal: 6
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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.20.D.0007	MSS-4	2	MS	Hydraulic Snubber, Fig.20	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4546748	VT-3	VE-S08-297	Accept	CC-686	PSI examination per IWF-5200(a). Reference: R/R Record 07-042

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.20.D.0018	RHS-25	2	RHR	Hydraulic Snubber, Fig.201	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4546774	VT-3	VE-S08-302	Accept	CC-686	PSI examination performed per ASME Section XI, IWF-5200(a). Reference: R/R Record 07-057.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.20.D.0020	RHS-26	2	RHR	Hydraulic Snubber, Fig.201	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4546776	VT-3	VE-S08-303	Accept	CC-686	PSI examination performed per ASME Section XI, IWF-5200(a). Reference: R/R Record 07-055.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.20.D.0022	RHS-29	2	RHR	Mechanical Snubber	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4444286	VT-3	VE-S08-304	Accept	CC-686	PSI examination performed per ASME Section XI, IWF-5200(a). Reference: R/R Record 07-029.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.20.D.0028	RHS-41	2	RHR	Hydraulic Snubber, Fig.200	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4546772	VT-3	VE-S08-305	Accept	CC-686	PSI examination performed per ASME Section XI, IWF-5200(a). Reference: R/R Record 07-058.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.20.D.0042	RHS-78A	2	RHR	Hydraulic Snubber, Fig.201, one (1) of two (2)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4546775	VT-3	VE-S08-306	Accept	CC-686	PSI examination performed per ASME Section XI, IWF-5200(a). Reference: R/R Record 07-056.



**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

Item No.: F1.30.A Equal: 1

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.30.A.0200	SW-S-68	3	SW	Stanchion	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4525684	VT-3	VE-S08-275	Accept	CC-686	Pre-Service examination performed when piping support was reinstalled in conjunction with RHRSW Booster pump, SW-P-BPB reinstallation. Reference CNS Film File for Work Order: 4525684 procedure 7.2.57.1 Att. 1 for examination data.

Item No.: F1.30.D Equal: 1

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.30.D.0053	VRS-41	3	MSRV	Mechanical Snubber	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4546753	VT-3	VE-S08-307	Accept	CC-686	PSI examination performed per ASME Section XI, IWF-5200(a). Reference: R/R Record 07-035.

Item No.: F1.40.B Equal: 4

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.40.B.0006	REC-PA-S1	3	REC	Pump Support	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4475035	VT-3	VE-S08-292	Accept	CC-686	Pre-Service examination performed when REC pump, REC-P-A, reinstalled. Reference CNS Film File Work Oder: 4475035 for exam data.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.40.B.0014	SW-BPA-S1	3	SW	Booster Pump Support	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4540005	VT-3	VE-S08-293	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Pre-Service examination performed when RHR SW Booster pump, SW-P-BPA, reinstalled: Reference CNS Film File Work Oder: 4540005 for exam data.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.40.B.0015	SW-BPB-S1	3	SW	Booster Pump Support	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4525684	VT-3	VE-S08-274	Accept	CC-686	Pre-Service examination performed when RHR SW Booster pump, SW-P-BPB reinstalled. Piping support, SW-S-68, was examined in conjunction with the pump reinstallation. Reference CNS Film File for Work Order: 4525684 procedure 7.2.57.1 Att. 1 for examination data.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.40.B.0018	SW-PA-S1	3	SW	Main Pump Support	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4397761	VT-3	VE-S08-294	Accept	N-686, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report. Pre-Service examination performed when SW pump, SW-P-A, reinstalled. Reference CNS Film File Work Oder: 4397761for exam data.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

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 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

Exam Credit: <b>Sec.XI</b> Equal: 178		
Category:	B-A	Equal: 13
Item No.:	B1.12	Equal: 12

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B1.12.0001	VLA-BA-1	1	NB	RPV Shell Course 1 Longitudinal Seam Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547374	Remote Auto UT	VE-S08-242	Accept	N/A	Reference IHI Souwthwest Technologies Automated Ultrasonic Examination of the Reactor Pressure Vessel Final Report. Total examination coverage obtained 90.5%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B1.12.0002	VLA-BA-2	1	NB	RPV Shell Course 1 Longitudinal Seam Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547374	Remote Auto UT	VE-S08-243	Accept	N/A	Reference IHI Souwthwest Technologies Automated Ultrasonic Examination of the Reactor Pressure Vessel Final Report. Total examination coverage obtained 77.6%. Reference CR-CNS-2008-3270 for <90% coverage. Relief Request Required.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B1.12.0003	VLA-BA-3	1	NB	RPV Shell Course 1 Longitudinal Seam Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547374	Remote Auto UT	VE-S08-244	Accept	N/A	Reference IHI Souwthwest Technologies Automated Ultrasonic Examination of the Reactor Pressure Vessel Final Report. Total examination coverage obtained 78.0%. Reference CR-CNS-2008-3270 for <90% coverage. Relief Request Required.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B1.12.0004	VLB-BA-1	1	NB	RPV Shell Course 2 Longitudinal Seam Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547374	Remote Auto UT	VE-S08-245	Accept	N/A	Reference IHI Souwthwest Technologies Automated Ultrasonic Examination of the Reactor Pressure Vessel Final Report. Total examination coverage obtained 88.7%. Reference CR-CNS-2008-3270 for <90% coverage. Relief Request Required.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B1.12.0005	VLB-BA-2	1	NB	RPV Shell Course 2 Longitudinal Seam Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547374	Remote Auto UT	VE-S08-246	Accept	N/A	Reference IHI Souwthwest Technologies Automated Ultrasonic Examination of the Reactor Pressure Vessel Final Report. Total examination coverage obtained 93.3%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B1.12.0006	VLB-BA-3	1	NB	RPV Shell Course 2 Longitudinal Seam Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547374	Remote Auto UT	VE-S08-247	Accept	N/A	Reference IHI Souwthwest Technologies Automated Ultrasonic Examination of the Reactor Pressure Vessel Final Report. Total examination coverage obtained 67.6%. Reference CR-CNS-2008-3270 for <90% coverage. Relief Request Required.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B1.12.0007	VLC-BB-1	1	NB	RPV Shell Course 3 Longitudinal Seam Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547374	Remote Auto UT	VE-S08-248	Accept	N/A	Reference IHI Souwthwest Technologies Automated Ultrasonic Examination of the Reactor Pressure Vessel Final Report. Total examination coverage obtained 19.2%. Reference CR-CNS-2008-3270 for <90% coverage. Relief Request Required.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B1.12.0008	VLC-BB-2	1	NB	RPV Shell Course 3 Longitudinal Seam Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547374	Remote Auto UT	VE-S08-249	Accept	N/A	Reference IHI Souwthwest Technologies Automated Ultrasonic Examination of the Reactor Pressure Vessel Final Report. Total examination coverage obtained 73.0%. Reference CR-CNS-2008-3270 for <90% coverage. Relief Request Required.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B1.12.0009	VLC-BB-3	1	NB	RPV Shell Course 3 Longitudinal Seam Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547374	Remote Auto UT	VE-S08-250	Accept	N/A	Reference IHI Souwthwest Technologies Automated Ultrasonic Examination of the Reactor Pressure Vessel Final Report. Total examination coverage obtained 79.1%. Reference CR-CNS-2008-3270 for <90% coverage. Relief Request Required.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B1.12.0010	VLD-BB-1	1	NB	RPV Shell Course 4 Longitudinal Seam Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547374	Remote Auto UT	VE-S08-251	Accept	N/A	Reference IHI Souwthwest Technologies Automated Ultrasonic Examination of the Reactor Pressure Vessel Final Report. Total examination coverage obtained 90.1%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B1.12.0011	VLD-BB-2	1	NB	RPV Shell Course 4 Longitudinal Seam Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547374	Remote Auto UT	VE-S08-252	Accept	N/A	Reference IHI Souwthwest Technologies Automated Ultrasonic Examination of the Reactor Pressure Vessel Final Report. Total examination coverage obtained 94.0%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B1.12.0012	VLD-BB-3	1	NB	RPV Shell Course 4 Longitudinal Seam Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547374	Remote Auto UT	VE-S08-253	Accept	N/A	Reference IHI Souwthwest Technologies Automated Ultrasonic Examination of the Reactor Pressure Vessel Final Report. Total examination coverage obtained 100.0%.

Item No.: **B1.30** Equal: 1

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B1.30.0001	VCB-BC-5	1	NB	RPV Shell Course 4 to Flange Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547374	Remote Auto UT	VE-S08-254	Accept	N/A	Reference IHI Souwthwest Technologies Automated Ultrasonic Examination of the Reactor Pressure Vessel Final Report. Total examination coverage obtained 93.7%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602
- 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098
- 3. Plant Unit: 1

- 4. Commercial Service Date: 07/01/1974
- 5. Owner Certificate of Authorization (If Required): N/A
- 6. National Certificate of Authorization (If Required): N/A

Category:	B-D	Equal: 12
Item No.:	B3.100	Equal: 6

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B3.100.0001	NVIR-BD-N1A	1	NB	RPV Nozzle Inner Radius Section

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	Modified VT-1	BWRVIP-S08091	NRI	N-648-1, N-460, N-624	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 100.0%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B3.100.0007	NVIR-BD-N2E	1	NB	RPV Nozzle Inner Radius Section

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	Modified VT-1	BWRVIP-S08109	NRI	N-686, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 35.0%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B3.100.0010	NVIR-BD-N2H	1	NB	RPV Nozzle Inner Radius Section

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	Modified VT-1	BWRVIP-S08131	NRI	N-648-1, N-460, N-624	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 40.0%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B3.100.0012	NVIR-BD-N2K	1	NB	RPV Nozzle Inner Radius Section

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	Modified VT-1	BWRVIP-S08095	NRI	N648-1, N-460, N-624	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 25.0%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B3.100.0013	NVIR-BD-N3A	1	NB	RPV Nozzle Inner Radius Section

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	Modified VT-1	BWRVIP-S08133	NRI	N-648-1, N-460, N-624	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 100.0%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B3.100.0021	NVIR-BD-N5A	1	NB	RPV Nozzle Inner Radius Section

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	Modified VT-1	BWRVIP-S08035	NRI	N-648-1, N-460, N-624	Exam Sat. See Areva RE24 IVVI Final Report. Total examination coverage obtained 40.0%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

Item No.: **B3.90** Equal: **6**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B3.90.0001	NVE-BD-N1A	1	NB	RPV Shell to Nozzle Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547542	Manual UT	VE-S08-255	Accept	N-613-1, N-639, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 46.45%. Reference CR-CNS-2008-3382 for <90% coverage. Relief Request Required.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B3.90.0007	NVE-BD-N2E	1	NB	RPV Nozzle to Shell Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547541	Manual UT	VE-S08-262	Accept	N-613-1, N-639, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 55.97%. Reference CR-CNS-2008-3382 for <90% coverage. Relief Request Required.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B3.90.0010	NVE-BD-N2H	1	NB	RPV Nozzle to Shell Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547544	Manual UT	VE-S08-260	Accept	N-613-1, N-639, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 55.97%. Reference CR-CNS-2008-3382 for <90% coverage. Relief Request Required.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B3.90.0012	NVE-BD-N2K	1	NB	RPV Nozzle to Shell Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547544	Manual UT	VE-S08-261	Accept	N-613-1, N-639, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 55.97%. Reference CR-CNS-2008-3382 for <90% coverage. Relief Request Required.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B3.90.0013	NVE-BD-N3A	1	NB	RPV Shell to Nozzle Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547545	Manual UT	VE-S08-001	Accept	N-613-1, N-639, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 49.82%. Reference CR-CNS-2008-2700 for <90% coverage. Relief Request Required.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B3.90.0021	NVE-BD-N5A	1	NB	RPV Nozzle to Shell Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547547	Manual UT	VE-S08-263	Accept	N-613-1, N-639, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 50.9%. Reference CR-CNS-2008-3385 for <90% coverage. Relief Request Required.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602
- 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098
- 3. Plant Unit: 1

- 4. Commercial Service Date: 07/01/1974
- 5. Owner Certificate of Authorization (If Required): N/A
- 6. National Certificate of Authorization (If Required): N/A

Category:	B-G-1	Equal: 54
Item No.:	B6.10	Equal: 27

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0001	PRB-BG1-1	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-092	Accept	N-686, N-460, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0010	PRB-BG1-10	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-101	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0011	PRB-BG1-11	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-102	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0012	PRB-BG1-12	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-103	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0013	PRB-BG1-13	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-104	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0014	PRB-BG1-14	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-105	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0015	PRB-BG1-15	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-106	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0016	PRB-BG1-16	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-107	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0017	PRB-BG1-17	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-108	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0018	PRB-BG1-18	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-109	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0019	PRB-BG1-19	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-110	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0002	PRB-BG1-2	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-093	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0020	PRB-BG1-20	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-111	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0021	PRB-BG1-21	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-112	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.10.0022	PRB-BG1-22	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-113	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.10.0023	PRB-BG1-23	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-114	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.10.0024	PRB-BG1-24	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-115	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.10.0025	PRB-BG1-25	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-116	Accept	N-686, N-460, N624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.10.0026	PRB-BG1-26	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-117	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.10.0027	PRB-BG1-27	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-118	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.10.0003	PRB-BG1-3	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-094	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.



**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0004	PRB-BG1-4	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-095	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0005	PRB-BG1-5	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-096	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0006	PRB-BG1-6	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-097	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0007	PRB-BG1-7	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-098	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0008	PRB-BG1-8	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-099	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.10.0009	PRB-BG1-9	1	NB	Reactor Pressure Vessel Closure Nut, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-100	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

Item No.:	<b>B6.50</b>	Equal: 27
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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.50.0001	PRC-BG1-1	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-120	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0010	PRC-BG1-10	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-129	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0011	PRC-BG1-11	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-130	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0012	PRC-BG1-12	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-131	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0013	PRC-BG1-13	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-132	Accept	N-686, N-460, N624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0014	PRC-BG1-14	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-133	Accept	N-686, N-460, N624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0015	PRC-BG1-15	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-134	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0016	PRC-BG1-16	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-135	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974

5. Owner Certificate of Authorization (If Required): N/A

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0017	PRC-BG1-17	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-136	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0018	PRC-BG1-18	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-137	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0019	PRC-BG1-19	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-138	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0020	PRC-BG1-20	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-121	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0020	PRC-BG1-20	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-139	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0021	PRC-BG1-21	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-140	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0022	PRC-BG1-22	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-141	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.50.0023	PRC-BG1-23	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-142	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.50.0024	PRC-BG1-24	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-143	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.50.0025	PRC-BG1-25	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-144	Accept	N-686, N-60, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.50.0026	PRC-BG1-26	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-145	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.50.0027	PRC-BG1-27	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-146	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.50.0003	PRC-BG1-3	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-122	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B6.50.0004	PRC-BG1-4	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-123	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0005	PRC-BG1-5	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-124	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0006	PRC-BG1-6	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-125	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0007	PRC-BG1-7	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-126	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0008	PRC-BG1-8	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-127	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B6.50.0009	PRC-BG1-9	1	NB	Reactor Pressure Vessel Closure Washer, one (1) of fifty two (52)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547540	VT-1	VT-S08-128	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

Category:	B-G-2	Equal:	4
Item No.:	B7.10	Equal:	1

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B7.10.00N7	N7-BG2	1	NB	Top Head Nozzle Flange to Pipe Flange Bolting	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547519	VT-1	VT-S08-119	Accept	N-686	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

Item No.: **B7.50** Equal: **3**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B7.50.0001	MSA-BG2-17	1	MS	Main Run Pipe Flange to Valve Flange Bolting	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4549499	VT-1	VE-S08-284	Accept	CC-686	Bolting examined, once per interval, in conjunction with Valve Group: F, Cat: B-M-2 internal surface examination of MS-RV-70A (safety relief valve) when removed for maintenance.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B7.50.0004	MSB-BG2-16	1	MS	Main Run Pipe Flange to Valve Flange Bolting	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4549506	VT-1	VE-S08-285	Accept	CC-686	Bolting examined, once per interval, in conjunction with Valve Group: G, Cat: B-M-2 internal surface examination of MS-RV-71C (relief valve) when removed for maintenance.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B7.50.0005	MSB-BG2-21	1	MS	Main Run Pipe Flange to Valve Flange Bolting	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4549504	VT-1	VE-S08-286	Accept	CC-686	Bolting examined, once per interval, in conjunction with Valve Group: G, Cat: B-M-2 internal surface examination of MS-RV-71D (relief valve) when removed for maintenance.

Category: **B-K** Equal: **1**  
 Item No.: **B10.20** Equal: **1**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B10.20.0063	RR-BK1-4A	1	RR	Lugs (4 total 1 x 1 1/2 x 3 inches)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547548	PT	PT-S08-001	Accept	N-460, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

Category: **B-M-2** Equal: **3**  
 Item No.: **B12.50** Equal: **3**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B12.50.0012	MS-RV-70A-BM2	1	MS	Valve Body Internal Surfaces	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4549499	VT-3	VE-S08-287	Accept	CC-686	In Service, once per interval, examination of one (1), Valve Group: F, valve body (safety relief) internal surface when removed for maintenance. Main run pipe flange to valve flange bolting, MSA-BG2-17, examined in conjunction with removal.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B12.50.0017	MS-RV-71C-BM2	1	MS	Valve Body Internal Surfaces	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4549506	VT-3	VE-S08-288	Accept	CC-686	In Service, once per interval, examination of one (1) of two (2), Valve Group: G, valve body (relief) internal surfaces scheduled. Main run pipe flange to valve flange bolting, MSB-BG2-16, examined in conjunction with removal.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B12.50.0018	MS-RV-71D-BM2	1	MS	Valve Body Internal Surfaces	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4549504	VT-3	VE-S08-289	Accept	CC-686	In Service, once per interval, examination of one (1) of two (2), Valve Group: G, valve body (relief) internal surfaces scheduled. Main run pipe flange to valve flange bolting, MSB-BG2-21, examined in conjunction with removal.

Category:	B-N-1	Equal: 2
Item No.:	B13.10	Equal: 2

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B13.10.0003	VES-INTER@0>180	1	NB	RPV Interior Surfaces (One Half RPV Accessible Areas)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-3	BWRVIP-S08043	NRI	N-648-1, N-460, N-624	Exam Sat. Reference Areva RE24 IVVI Final Report. Exam coverage 100% of accessible areas.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B13.10.0002	VES-INTER-TPHD	1	NB	RPV Top Head Interior Surface (include stream dryer hold bracket attachment welds when necessary once per interval)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-3	VT-S08-151	Accept	N-686, N-460	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Exam coverage 100% of accessible areas.

Category:	B-N-2	Equal: 12
Item No.:	B13.20	Equal: 2

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B13.20.0006	JP-RBPAD-ATTWLDS@210	1	NB	Jet Pump 19 and 20 Primary Riser Brace Attachment Pad Welds and Heat-Affected Zones to RPV at 210 degrees azimuth	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-1	BWRVIP-S08099	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 90% of accessible areas.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B13.20.0001	JP-RBPAD-ATTWLDS@30	1	NB	Jet Pump 9 and 10 Primary Riser Brace Attachments Pad Welds and Heat-Affected Zones to RPV at 30 degrees azimuth	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-1	BWRVIP-S08100	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 90% of accessible areas.

Item No.:	B13.30	Equal: 6
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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B13.30.0013	GUIDERODBKT-ATTWLDS@0	1	NB	Guide Rod Bracket Attachment at 0 degrees azimuth	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-3	BWRVIP-S08005	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 100% of accessible areas.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B13.30.0014	GUIDERODBKT-ATTWLD@180	1	NB	Guide Rod Bracket Attachment at 180 degrees azimuth	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-3	BWRVIP-S08006	NRI	N-696, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 100% of accessible areas.

  

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B13.30.0015	SHRD-SUPLT-GUSATTWLD@0>180	1	NB	Core Shroud Support Gusset or Stiffner Plates Attachment Welds 0 to 180 Degree	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-3	BWRVIP-S08048	RI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 100% of accessible areas.

  

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B13.30.0016	SHRD-SUPLT-GUSATTWLD@180>360	1	NB	Core Shroud Support Gusset or Stiffner Plates Attachment Welds 180 to 360 Degrees	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-3	BWRVIP-S08094	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 100% of accessible areas.

  

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B13.30.0017	SHRD-SUPLTWLD-H9@0>180	1	NB	Core Shroud Support Assembly Integral weld to Reactor Vesses H9 Weld from 0 to 180 degrees azimuth	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-3	BWRVIP-S08047	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 100% of accessible areas.

  

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B13.30.0018	SHRD-SUPLTWLD-H9@180>360	1	NB	Core Shroud Support Assembly Integral weld to Reactor Vesses H9 Weld from 180 to 360 degrees azimuth	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-3	BWRVIP-S08093	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 100% of accessible areas.

  

<u>Item No.:</u>	<b>B13.40</b>	<u>Equal:</u>	<b>4</b>
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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B13.40.0001	CORE-PLATE	1	NB	Core Plate Assembly, Accessible surfaces including Rim Hold-Down Bolts (Total of 72, Critical Number 36)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547372	VT-3	BWRVIP-S08033	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 100% of accessible surfaces.



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- 3. Plant Unit: 1

- 4. Commercial Service Date: 07/01/1974
- 5. Owner Certificate of Authorization (If Required): N/A
- 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B13.40.0005	SHRD-UPCLYASEM@180>360	1	NB	Core Shroud Assembly Upper Cylinder, Accessible surfaces from top of Shroud (steam dam) to H7 Weld area 180 to 360 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-3	BWRVIP-S08110	RI	N-686, N-460	Exam Sat. First successive reexamination of previously recorded indication per IWB-2420(b). No change (by direct visual examination and side by side comparesion with previous data) in previous indication was observed. Reference Areva RE24 IVVI Final Report. Examination coverage of indication area 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B13.40.0006	TPGD-ASEM	1	NB	Top Guide Assembly consisting of grid beams, rim welds, rim pins, wedges

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547372	VT-3	BWRVIP-S08034	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 100% of accessible surfaces.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B13.40.0007	TPGD-HRDWARE	1	NB	Top Guide Assembly Hardware and Rim Weld (Hold Down Latches and Horizontal Alignment Pins at 0, 90, 180, and 270 degree azimuth)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547372	VT-3	BWRVIP-S08132	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 100% of accessible surfaces.

Category:	B-P	Equal: 2
Item No.:	B15.10	Equal: 2

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B15.10.PRC.SLT01	PRC.CLS1	1	NB	All Pressure Retaining Components, System Leakage Test

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4542216	VT-2	VE-S08-280	Accept	CC-686	Class 1 System Leakage Test performed during pre startup, including Class 2 CRD, Enhanced Leakage Test (direct visual with no insulation) of the SLC nozzle (N-10) per BWRVIP-27, and Enhanced Leakage Test (direct visual with no insulation) of CRD Housing penetrations from RPV bottom head inside RPV skirt.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B15.10.PRC.SLT02	VS.HD.FLGSEL.LEK.DETEC	1	NB	Pressure Retaining Component, Reactor Pressure Vessel, RPV Flange Seal Leak Detection System, System Leakage Test

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4549436	VT-2	VE-S08-283	Accept	CC-686	Per Relief Request: PR-04, VT-2 examination performed when Refuel Cavity is flooded. No Visible Leakage was observed.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

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2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974

5. Owner Certificate of Authorization (If Required): N/A

6. National Certificate of Authorization (If Required): N/A

Category:	C-C	Equal:	6
Item No.:	C3.20	Equal:	6

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
C3.20.0012	CSB-CC-32	2	CS	Plate to form stanchin for Support CSH-7 Integregally Welded to 12 inch CS-2 Pipe

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593610	MT	MT-S08-002	Accept	N-460, N-624	Exam Sat. Successive reexamination per IWC-2420(b). Flaw or relevent condition essentially unchanged. Reference AREVA Manual ISI Outage Report. Exam Coverage >90%. Additional examination per IWC-2430(a) with Recordable Indication RE-21. Successive reexamination performed RE-23 per IWC-2420(b). Indication remained unchanged and per IWC-2420© no further examination required. Component is not a successive examination and will not revert to an original examination schedule.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
C3.20.0015	CSB-CC-57	2	CS	Elbow Lug

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593609	MT	MT-S08-006	Accept	N-460, N-624	This component was examined in lieu of CSA-CC-6. Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained greater than 90.0%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
C3.20.0065	RAW-CE1-12	2	RHR	Elbow to Lug

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593606	MT	MT-S08-005	Accept	N-460, N-624	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained greater than 90.0%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
C3.20.0138	RHA-CE1-2	2	RHR	Snubber Shear Lugs

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593611	MT	MT-S08-003	Accept	N-460, N-624	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained greater than 90.0%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
C3.20.0115	RHC-CE1-3	2	RHR	Elbow to Lug

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593605	MT	MT-S08-001	Accept	N-460, N-624	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained greater than 90.0%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
C3.200139	SDS-CE1-21	2	SDV	Hanger Shear Lugs

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593607	MT	MT-S08-004	Accept	N-460, N-624	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained greater than 90.0%.

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- 3. Plant Unit: 1

- 4. Commercial Service Date: 07/01/1974
- 5. Owner Certificate of Authorization (If Required): N/A
- 6. National Certificate of Authorization (If Required): N/A

Category:	C-H	Equal: 8
Item No.:	C7.10	Equal: 8

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
C7.10.PRC.CRD.SLT01	PRC.CLS2.CRD	2	CRD	Pressure Retaining Components, CRD System Leakage Test

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4542216	VT-2	VE-S08-281	Accept	CC-686	Class 2 CRD System Leakagge Test performed during Class 1 System Leakage Test pre startup.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
C7.10.PRC.CSA.SLT02	PRC.CLS2.CS-A	2	CS	Pressure Retaining Components, Core Spray Loop A System Leakage Test

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4535816	VT-2	VE-S08-264	Accept	CC-686	Class 2 System Leakage Test performed for Inspection Period: 1 pre RE24. No "Code Leakage" identified and no "Non-Code Leakage" identified.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
C7.10.PRC.CSB.SLT03	PRC.CLS2.CS-B	2	CS	Pressure Retaining Components, Core Spray Loop B System Leakage Test

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4534575	VT-2	VE-S08-265	Accept	CC-686	Class 2 System Leakage Test performed for Inspection Period: 1 pre RE24. No "Code Leakage" identified and no "Non-Code Leakage" identified.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
C7.10.PRC.HPCI.SLT04	PRC.CLS2.HPCI	2	HPCI	Pressure Retaining Components, HPCI System Leakage Test

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4542114	VT-2	VE-S08-266	Accept	CC-686	Class 2 System Leakage Test for Inspection Period 1, pre RE24. No "Code Leakage" identified. "Non-Code Leakage" identified reference CR-CNS-2007-06503. Class 2 System Leakage Test performed of the HPCI system section located in the Steam Tunnel, for Inspection Period 1, during RE24 start up. No "Code Leakage" identified and no "Non-Code Leakage" identified.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
C7.10.PRC.HPCI.SLT04	PRC.CLS2.HPCI	2	HPCI	Pressure Retaining Components, HPCI System Leakage Test

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4542364	VT-2	VE-S08-290	Accept	CC-686	Class 2 System Leakage Test for Inspection Period 1, pre RE24. No "Code Leakage" identified. "Non-Code Leakage" identified reference CR-CNS-2007-06503. Class 2 System Leakage Test performed of the HPCI system section located in the Steam Tunnel, for Inspection Period 1, during RE24 start up. No "Code Leakage" identified and no "Non-Code Leakage" identified.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
C7.10.PRC.RCIC.SLT05	PRC.CLS2.RCIC	2	RCIC	Pressure Retaining Components, RCIC System Leakage Test

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4542151	VT-2	VE-S08-291	Accept	CC-686	Class 2 System Leakage Test performed for Inspection Period: 1 pre RE24. No "Code Leakage" identified and No "Non-Code Leakage" identified. Class 2 System Leakage Test performed of the RCIC system section located in the Steam Tunnel for, for Inspection Period 1, during RE24 start up. No "Code Leakage" identified and no "Non-Code Leakage" identified.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
C7.10.PRC.RCIC.SLT05	PRC.CLS2.RCIC	2	RCIC	Pressure Retaining Components, RCIC System Leakage Test	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4542159	VT-2	VE-S08-269	Accept	CC-686	Class 2 System Leakage Test performed for Inspection Period: 1 pre RE24. No "Code Leakage" identified and No "Non-Code Leakage" identified. Class 2 System Leakage Test performed of the RCIC system section located in the Steam Tunnel for, for Inspection Period 1, during RE24 start up. No "Code Leakage" identified and no "Non-Code Leakage" identified.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
C7.10.PRC.REC.SLT06	PRC.CLS2.REC	2	REC	Pressure Retaining Components, Rec System Leakage Test	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4541840	VT-2	VE-S08-270	Accept	CC-686	Class 2 System Leakage Test performed for Inspection Period: 1 pre RE24. No "Code Leakage" identified. "Non-Code Leakage" identified reference CR-CNS-207-05934.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
C7.10.PRC.RHRA.SLT07	PRC.CLS2.RHR-A	2	RHR	Pressure Retaining Components, RHR Loop A System Leakage Test	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4542119	VT-2	VE-S08-276	Accept	CC-686	Class 2 System Leakage Test for Inspection Period 1. Procedure Test Section: 8 (Shutdown Cooling Pressure Retaining Components) performed during RE24. No "Code Leakage" identified. "Non-Code Leakage" identified reference CR-CNS-2008-02488.  Test Sections: 5, 6, and 7 will be performed Post RE24 and will appear on RE25 NIS-1 report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
C7.10.PRC.RHRB.SLT08	PRC.CLS2.RHR-B	2	RHR	Pressure Retaining Components, RHR Loop B System Leakage Test	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4542118	VT-2	VE-S08-277	Accept	CC-686	Class 2 System Leakage Test performed for Inspection Period: 1 pre RE24. No "Code Leakage" identified and no "Non-Code Leakage" identified.

Category:	D-A	Equal:	11
Item No.:	D1.10	Equal:	6

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
D1.10.0017	REC-HXB-A1	3	REC	Vessel Support (heat exchanger) Integrally Welded Attachment	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593278	VT-1	VT-S08-025	Accept	N-686, N-460, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
D1.10.0018	REC-HXB-A2	3	REC	Vessel Support (heat exchanger) Integrally Welded Attachment	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593278	VT-1	VT-S08-026	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
D1.10.0019	REC-TK-ST-A1	3	REC	Vessel Support (storage tank) Integrally Welded Attachment

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593279	VT-1	VT-S08-015	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
D1.10.0020	REC-TK-ST-A2	3	REC	Vessel Support (storage tank) Integrally Welded Attachment

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593279	VT-1	VT-S08-016	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
D1.10.0021	REC-TK-ST-A3	3	REC	Vessel Support (storage tank) Integrally Welded Attachment

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593279	VT-1	VT-S08-017	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
D1.10.0022	REC-TK-ST-A4	3	REC	Vessel Support (storage tank) Integrally Welded Attachment

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593279	VT-1	VT-S08-018	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

Item No.:	D1.20	Equal: 4
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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
D1.20.0020	RCC-DB-51	3	REC	Stanchion Integrally Welded Attachment

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593278	VT-1	VT-S08-033	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
D1.20.0022	RCC-DB-97	3	REC	Lug

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593278	VT-1	VT-S08-034	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
D1.20.0094	SW-DB-256	3	SW	Stanchion Integrally Welded Attachment

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593260	VT-1	VT-S08-028	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
D1.20.0056	SW-DB-57	3	SW	Elbow to Lug Integrally Welded Attachment

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593673	VT-1	VT-S08-013	Accept	N-686, N-460, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

Item No.: **D1.30** Equal: 1

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
D1.30.0001	SW-PA-A1	3	SW	Pump Support Integrally Welded Attachment

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593261	VT-1	VT-S08-030	Accept	N-686, N-460, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

Category: **D-B** Equal: 5

Item No.: **D2.10** Equal: 5

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
D2.10.PRC.ECS.SLT01	PRC.CLS3.ECS.HPCI	3	CM	Pressure Retaining Components, Emergency Condensate Storage System Leakage Test

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4542114	VT-2	VE-S08-267	Accept	CC-686	Class 3 System Leakage Test performed for Inspection Period: 1 pre RE24. No "Code Leakage" identified and no "Non-Code Leakage" identified.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
D2.10.PRC.NBI.SLT02	PRC.CLS3.NBI	3	NBI	Pressure Retaining Components, Nuclear Boiler Instrument System Leakage Test

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4541737	VT-2	VE-S08-268	Accept	CC-686	Class 3 System Leakage Test performed for Inspection Period: 1 pre RE24. No "Code Leakage" identified and no "Non-Code Leakage" identified.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
D2.10.PRC.REC.SLT03	PRC.CLS3.REC	3	REC	Pressure Retaining Components, Reactor Equipment Cooling System Leakage Test

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4541840	VT-2	VE-S08-271	Accept	CC-686	Class 3 System Leakage Test performed for Inspection Period: 1 pre RE24. No "Code Leakage" identified and no "Non-Code Leakage" identified.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
D2.10.PRC.SWA.SLT04	PRC.CLS3.SW-A	3	SW	Pressure Retaining Components, Service Water Loop A System Leakage Test

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4512130	VT-2	VE-S08-278	Accept	CC-686	Class 3 System Leakage Test performed for Inspection Period: 1 pre RE24. No "Code Leakage" identified. "Non-Code Leakage" identified reference CR-CNS-2008-00647 and CR-CNS-2008-02488.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
D2.10.PRC.SWB.SLT05	PRC.CLS3.SW-B	3	SW	Pressure Retaining Components, Service Water Loop B System Leakage Test

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4542131	VT-2	VE-S08-279	Accept	CC-686	Class 3 System Leakage Test performed for Inspection Period: 1 pre RE24. No "Code Leakage" identified and no "Non-Code Leakage" identified.

Category:	F-A	Equal:	33
Item No.:	F1.10.C	Equal:	4

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
F1.10.C.0005	CSH-44	1	CS	Constant Support with vertical Sway Strut

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547546	VT-3	VT-S08-090	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
F1.10.C.0053	RHH-36	1	RHR	Variable Spring

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547549	VT-3	VT-S08-148	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
F1.10.C.0065	RHH-37	1	RR	Variable Spring

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547549	VT-3	VT-S08-149	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
F1.10.C.0066	RR-H1-A	1	RR	Variable Spring Trapeze

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547548	VT-3	VT-S08-150	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

Item No.:	F1.20.A	Equal:	8
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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
F1.20.A.0160	CRD-MN	2	SDV	Rigid Brace

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593608	VT-3	VT-S08-005	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.20.A.0008	CSH-18A	2	CS	Restraint Box Frame	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593262	VT-3	VT-S08-022	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.20.A.0165	PSRH-1	2	SDV	Rod Hanger	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593607	VT-3	VT-S08-020	Accept	N-686, N624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.20.A.0078	RCH-5	2	RCIC	Stanchion	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593274	VT-3	VT-S08-012	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.20.A.0087	RHH-2A	2	RHR	Restraint Structural Frame	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593606	VT-3	VT-S08-038	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Examination is part of expanded scope per IWF-2430 due to loose anchor bolts on RHH-61.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.20.A.0088	RHH-3A	2	RHR	Restraint Box Frame	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593606	VT-3	VT-S08-039	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Examination is part of expanded scope per IWF-2430 due to loose anchor bolts on RHH-61.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.20.A.0113	RHH-61	2	RHR	Restraint Box Frame	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593606	VT-3	VT-S08-042	Accept	N-686, N-624	Post maintenance exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Initial examination reported an NRI due to loose anchor bolts. Scope was expanded per IWF-2430 to RHH-2A, RHH-3A, RHS-57 and RHS-58. All examinations were completed SAT.
4593606	VT-3	VT-S08-023	Reject		

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.20.A.0095	RHH-9A	2	RHR	Sway Strut	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593611	VT-3	VT-S08-008	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.



**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

Item No.: **F1.20.B** Equal: **1**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
F1.20.B.0035	RHH-17A	2	RHR	Sway Struts, two (2)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593604	VT-3	VT-S08-001	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

Item No.: **F1.20.C** Equal: **4**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
F1.20.C.0003	CSH-4	2	CS	Variable Spring

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593609	VT-3	VT-S08-024	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
F1.20.C.0057	RHH-13	2	RHR	Variable Spring

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593604	VT-3	VT-S08-002	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
F1.20.C.0076	RHH-42	2	RHR	Variable Spring

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593605	VT-3	VT-S08-003	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
F1.20.C.0090	RHH-59	2	RHR	Variable Spring

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593606	VT-3	VT-S08-027	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

Item No.: **F1.20.D** Equal: **2**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
F1.20.D.0034	RHS-57	2	RHR	Hydraulic Snubber, Fig.200

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593606	VT-3	VT-S08-041	Accept	N-686, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report. Examination is part of expanded scope per IWF-2430 due to loose anchor bolts on RHH-61.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.20.D.0035	RHS-58	2	RHR	Mechanical Snubber	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593606	VT-3	VT-S08-040	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Examination is part of expanded scope per IWF-2430 due to loose anchor bolts on RHH-61.

Item No.: F1.30.A Equal: 6

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.30.A.0060	RCC-S-51	3	REC	Stanchion	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593278	VT-3	VT-S08-035	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.30.A.0122	SW-H-150	3	SW	Rod Hanger	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593673	VT-3	VT-S08-010	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.30.A.0124	SW-H-152	3	SW	Rod Hanger	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593673	VT-3	VT-S08-009	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.30.A.0087	SW-H-57	3	SW	Rod Hanger	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593673	VT-3	VT-S08-019	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.30.A.0173	SW-S-25B&R	3	SW	Restraint Box Frame	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593673	VT-3	VT-S08-011	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.30.A.0174	SW-S-26B&R	3	SW	Restraint Box Frame	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593673	VT-3	VT-S08-006	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

Item No.: **F1.30.B** Equal: **2**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
F1.30.B.0027	RCC-S-97	3	REC	Restraint Box Frame

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593278	VT-3	VT-S08-036	Accept	N-686, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
F1.30.B.0051	SW-H-256	3	SW	Stanchion

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593260	VT-3	VT-S08-029	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

Item No.: **F1.30.C** Equal: **1**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
F1.30.C.0024	RCC-H-24	3	REC	Variable Spring

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593278	VT-3	VT-S08-037	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

Item No.: **F1.40.A** Equal: **1**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
F1.40.A.0009	REC-TK-ST-S1	3	REC	Vessel Support (surge tank)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593279	VT-3	VT-S08-014	Accept	N-686, N-624	Exam Sat. Reference AREVA Manual ISI Outage Report. Reference CR-CNS-2008-01967 written to document a configuration discrepancy associated with the base plate anchor bolt location. Civil Engineering review determined this to be acceptable.

Evaluation Acceptable: CR-CNS-2008-01967 was written to document a configuration discrepancy associated with the base plate anchor bolt locations. Civil Engineering review determined this to be acceptable. The discrepancy is from original construction and not considered a service induced issue.

Item No.: **F1.40.B** Equal: **4**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
F1.40.B.0005	RCIC-MP-S1	2	RCIC	Main Pump Support

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593274	VT-3	VT-S08-004	Accept	N0686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
F1.40.B.0014	SW-BPA-S1	3	SW	Booster Pump Support

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4592281	VT-3	VT-S08-021	Accept	N-686, N-624	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Pre-Service examination performed when RHR SW Booster pump, SW-P-BPA, reinstalled. Reference CNS Film File Work Oder: 4540005 for exam data.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.40.B.0018	SW-PA-S1	3	SW	Main Pump Support	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4593261	VT-3	VT-S08-031	Accept	N-686, N-624	Exam Sat. See AREVA RE24 Manual ISI Outage Report. Pre-Service examination performed when SW pump, SW-P-A, reinstalled. Reference CNS Film File Work Oder: 4397761for exam data.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
F1.40.B.0020	SW-PC-S1	3	SW	Main Pump Support	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4458761	VT-3	VE-S08-273	Accept	CC-686, CC-624	In Service examination performed before SW pump, SW-P-C, was remove for maintenance. Reference CNS Film File for Work Order: 4458761, procedure 7.2.57.1 Att. 1 for examination data.

Category:	R-A	Equal: 12
Item No.:	R1.14-2	Equal: 4

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B5.10.0001.RI	CSA-BF-1x	1	CS	Safe-End to RPV Nozzle	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547547	Remote Auto UT	VE-S08-234	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 75.0%. Reference CR-CNS-2008-3253 for <90% coverage. Owner Elected Code Credit BWRVIP-75. Relief Request Required.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B5.10.0012.RI	RRE-BF-1	1	RR	Safe-End to RPV Nozzle	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547541	Remote Auto UT	VE-S08-240	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 75.0%. Reference CR-CNS-2008-3253 for <90% coverage. Owner Elected Code Credit BWRVIP-75. Relief Request Required.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B5.10.0015.RI	RRH-BF-1	1	RR	Safe-End to RPV Nozzle	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547544	Remote Auto UT	VE-S08-238	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 75.0%. Reference CR-CNS-2008-3253 for <90% coverage. Owner Elected Code Credit BWRVIP-75. Relief Request Required.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B5.10.0017.RI	RRK-BF-1	1	RR	Safe-End to RPV Nozzle	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547544	Remote Auto UT	VE-S08-236	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 75.0%. Reference CR-CNS-2008-3253 for <90% coverage. Owner Elected Code Credit BWRVIP-75. Relief Request Required.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

Item No.:	R1.20-4	Equal: 8
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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B9.11.0005.RI	CSA-BJ-2x	1	CS	Pipe90 to Safe-End	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547547	Manual UT	UT-S08-002	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained greater than 90.0%. Owner Elected Code Credit BWRVIP-75.

  

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B5.130.0002.RI	CSB-BF-4A	1	CS	Pipe to Pipe 90	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547546	Manual UT	VE-S08-140	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Total examination coverage obtained 100.0%. Owner Elected Code Credit BWRVIP-75.

  

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B9.11.0031.RI	MSA-BJ-111	1	MS	Nozzle to Safe-End	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547545	Manual UT	UT-S08-001 (Page 1) UT-S08-001 (Page 2) UT-S08-001 (Page 3)	Accept Accept Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained greater than 90.0%. Owner Elected Code Credit BWRVIP-75.

  

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B5.130.0004.RI	RAS-BF-12	1	RR	Elbow to Pipe	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547549	Manual UT	VE-S08-196	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Total examination coverage obtained 90.75% Owner Elected Code Credit BWRVIP-75.

  

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B9.11.0253.RI	RHA-BJ-7	1	RHR	Elbow to Pipe	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547549	Manual UT	UT-S08-003 (Page 1) UT-S08-003 (Page 2)	Accept Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained greater than 90.0%. Owner Elected Code Credit BWRVIP-75.

  

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B9.11.0341.RI	RRE-BJ-2	1	RR	BentPipe 90 to Safe-End	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547541	Manual UT	UT-S08-004	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained greater than 90.0%. Owner Elected Code Credit BWRVIP-75.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B9.11.0351.RI	RRH-BJ-2	1	RR	BentPipe 90 to Safe-End	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547544	Manual UT	UT-S08-005	Accept	N-639, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained greater than 90.0%. Owner Elected Code Credit BWRVIP-75.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B9.11.0355.RI	RRK-BJ-2	1	RR	BentPipe 90 to Safe-End	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547544	Manual UT	UT-S08-006 (Page 1) UT-S08-006 (Page 2)	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained greater than 90.0%. Owner Elected Code Credit BWRVIP-75.

Exam Credit:	VIP	Equal: 306
Category:	B-N-2	Equal: 9
Item No.:	B13.20	Equal: 5

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B13.20.0005	JP-RBPAD-ATTWLDS@150	1	NB	Jet Pump 1 and 2 Primary Riser Brace Attachment Pad Welds and Heat-Affected Zones to RPV at 150 degrees azimuth	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08037	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 75% of accessible areas.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B13.20.0006	JP-RBPAD-ATTWLDS@210	1	NB	Jet Pump 19 and 20 Primary Riser Brace Attachment Pad Welds and Heat-Affected Zones to RPV at 210 degrees azimuth	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08092	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 90% of accessible areas.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B13.20.0008	JP-RBPAD-ATTWLDS@270	1	NB	Jet Pump 15 and 16 Primary Riser Brace Attachments Pad Welds and Heat-Affected Zones to RPV at 270 degrees azimuth	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08090	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 90% of accessible areas.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B13.20.0001	JP-RBPAD-ATTWLDS@30	1	NB	Jet Pump 9 and 10 Primary Riser Brace Attachments Pad Welds and Heat-Affected Zones to RPV at 30 degrees azimuth	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08042	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 90% of accessible areas.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B13.20.0010	JP-RBPAD-ATTWLDS@330	1	NB	Jet Pump 11 and 12 Primary Riser Brace Attachment Pad Welds and Heat-Affected Zones to RPV at 330 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08108	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 90% of accessible areas.

Item No.: **B13.30** Equal: 4

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B13.30.0013	GUIDERODBKT-ATTWLDS@0	1	NB	Guide Rod Bracket Attachment at 0 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-3	BWRVIP-S08101	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 100% of accessible areas.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B13.30.0014	GUIDERODBKT-ATTWLDS@180	1	NB	Guide Rod Bracket Attachment at 180 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-3	BWRVIP-S08102	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 100% of accessible areas.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B13.30.0024	STMDRY-SUPBKT-ATTWLDS@215	1	NB	Steam Dryer Support Bracket Attachment Weld to RPV Interior Wall at 215 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08036	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 100% of accessible surfaces.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B13.30.0025	STMDRY-SUPBKT-ATTWLDS@325	1	NB	Steam Dryer Support Bracket Attachment Weld to RPV Interior Wall at 325 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08111	NRI	N-686, N-460	Exam Sat. Reference Areva RE24 IVVI Final Report. Total examination coverage 100% of accessible surfaces.

Category: **R-A** Equal: 11

Item No.: **R1.14-2** Equal: 4

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
B5.10.0001.RI	CSA-BF-1x	1	CS	Safe-End to RPV Nozzle

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547547	Remote Auto UT	VE-S08-235	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 75.0%. Reference CR-CNS-2008-3253 for <90% coverage. Owner Elected Code Credit BWRVIP-75. Relief Request Required.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B5.10.0012.RI	RRE-BF-1	1	RR	Safe-End to RPV Nozzle	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547541	Remote Auto UT	VE-S08-241	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 75.0%. Reference CR-CNS-2008-3253 for <90% coverage. Owner Elected Code Credit BWRVIP-75. Relief Request Required.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B5.10.0015.RI	RRH-BF-1	1	RR	Safe-End to RPV Nozzle	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547544	Remote Auto UT	VE-S08-239	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 75.0%. Reference CR-CNS-2008-3253 for <90% coverage. Owner Elected Code Credit BWRVIP-75. Relief Request Required.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B5.10.0017.RI	RRK-BF-1	1	RR	Safe-End to RPV Nozzle	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547544	Remote Auto UT	VE-S08-237	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained 75.0%. Reference CR-CNS-2008-3253 for <90% coverage. Owner Elected Code Credit BWRVIP-75. Relief Request Required.

Item No.: R1.20-4 Equal: 7

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B9.11.0005.RI	CSA-BJ-2x	1	CS	Pipe90 to Safe-End	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547547	Manual UT	VE-S08-259	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained greater than 90.0%. Owner Elected Code Credit BWRVIP-75.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B5.130.0002.RI	CSB-BF-4A	1	CS	Pipe to Pipe 90	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547546	Manual UT	VE-S08-195	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Total examination coverage obtained 100.0%. Owner Elected Code Credit BWRVIP-75.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B5.130.0004.RI	RAS-BF-12	1	RR	Elbow to Pipe	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547549	Manual UT	VE-S08-197	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report. Total examination coverage obtained 90.75% Owner Elected Code Credit BWRVIP-75.



**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B9.11.0341.RI	RRE-BJ-2	1	RR	BentPipe 90 to Safe-End	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547541	Manual UT	VE-S08-256	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained greater than 90.0%. Owner Elected Code Credit BWRVIP-75.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B9.11.0351.RI	RRH-BJ-2	1	RR	BentPipe 90 to Safe-End	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547544	Manual UT	VE-S08-258	Accept	N-639, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained greater than 90.0%. Owner Elected Code Credit BWRVIP-75.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B9.11.0355.RI	RRK-BJ-2	1	RR	BentPipe 90 to Safe-End	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547544	Manul UT	VE-S08-257	Accept	N-639, N-695, N-460	Exam Sat. Reference AREVA Manual ISI Outage Report. Total examination coverage obtained greater than 90.0%. Owner Elected Code Credit BWRVIP-75.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
B5.20.0005.RI	SLC-BJ-1	1	SLC	Safe-End to RPV Partial Penetration Nozzle	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4542216	EVT-2	VE-S08-282	Accept	CC-686	Enhanced Leakage exam (direct visual with insulation removed) of the SLC nozzle (N-10) per BWRVIP-27-A. Performed during Class 1 System Leakage Test pre startup.

Category: VI12.14	Equal: 2
Item No.: SIL465	Equal: 2

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
S465.MXIN.JP19	JP19-NOZ-MIXINLET	N/A	NB	Jet Pump 19 Inlet Nozzle and Mixer Region (Crud Buildup) A	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-3	BWRVIP-S08117	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
S465.MXIN.JP20	JP20-NOZ-MIXINLET	N/A	NB	Jet Pump 20 Inlet Nozzle and Mixer Region (Crud Buildup) A	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-3	BWRVIP-S08123	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974

5. Owner Certificate of Authorization (If Required): N/A

6. National Certificate of Authorization (If Required): N/A

Category:	VI12.16	Equal: 2
Item No.:	SIL574	Equal: 2

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
S574.ADSTWGP.JP10	JP10-ADSCR-TWLD-GAP	N/ A	NB	Jet Pump Restrainer Bracket Adjusting Screw Tack Welds, Gaps, and Supplemental Wedges

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-1	BWRVIP-S08049	RI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
S574.ADSTWGP.JP9	JP9-ADSCR-TWLD-GAP	N/ A	NB	Jet Pump Restrainer Bracket Adjusting Screw Tack Welds, Gaps, and Supplemental Wedges

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-1	BWRVIP-S08050	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

Category:	VIP18	Equal: 44
Item No.:	V18.P1	Equal: 2

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P1.TBJ.90	CS-A-TJB@90-(P1)	N/ A	CS	Core Spray Piping Tee Junction Box at 90 degrees azimuth, Thermal Sleeve to Junction Box Weld (hidden) Examine the accessible top and bottom outside surfaces of the Tee Junction Box

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08013	RI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 30%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P1.TBJ.270	CS-B-TJB@270-(P1)	N/ A	CS	Core Spray Piping Tee Junction Box at 270 degrees azimuth, Thermal Sleeve to Junction Box Weld (hidden) Examine the accessible top and bottom outside surfaces of the Tee Junction Box

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08070	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 40%.

Item No.:	V18.P2	Equal: 2
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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P2.A11.90	CS-A11@90-(P2)	N/ A	CS	Core Spray Piping Tee Junction Box at 90 degrees azimuth, Cover Plate to Junction Box Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08106	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P2.B11.270	CS-B11@270-(P2)	N/ A	CS	Core Spray Piping Tee Junction Box at 270 degrees azimuth, Cover Plate to Junction Box Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08071	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974

5. Owner Certificate of Authorization (If Required): N/A

6. National Certificate of Authorization (If Required): N/A

Item No.: V18.P3 Equal: 4

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P3.A10.90	CS-A10@90-(P3)	N/A	CS	Core Spray Piping Tee Junction Box at 90 degrees azimuth, Horizontal Pipe to Junction Box Weld, from Downcomer "C"

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08105	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 60%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P3.A12.90	CS-A12@90-(P3)	N/A	CS	Core Spray Piping Tee Junction Box at 90 degree azimuth, Horizontal Pipe to Junction Box Weld, to Downcomer "A"

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08021	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P3.B10.270	CS-B10@270-(P3)	N/A	CS	Core Spray Piping Tee Junction Box at 270 degrees azimuth, Horizontal Pipe to Junction Box Weld, from Downcomer "B"

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08072	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P3.B12.270	CS-B12@270-(P3)	N/A	CS	Core Spray Piping Tee Junction Box at 270 degrees azimuth, Horizontal Pipe to Junction Box Weld, to Downcomer "D"

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08073	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

Item No.: V18.P4 Equal: 4

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P4d.A3.170	CS-A3@170-(P4d)	N/A	CS	Core Spray Piping, Elbow to Shroud Pipe, off Downcomer "C" at 170 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08026	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 90%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P4c.A4.170	CS-A4@170-(P4c)	N/A	CS	Core Spray Piping, Lower Downcomer "C" to Elbow at 170 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08025	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P4b.A8.170	CS-A8@170-(P4b)	N/A	CS	Core Spray Piping, Elbow to Pipe Downcomer "C" at 170 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08008	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

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|--|---|
| 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602            | 4. Commercial Service Date: 07/01/1974                      |
| 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098 | 5. Owner Certificate of Authorization (If Required): N/A    |
| 3. Plant Unit: 1   | 6. National Certificate of Authorization (If Required): N/A |

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P4a.A9.170	CS-A9@170-(P4a)	N/A	CS	Core Spray Piping, Horizontal Pipe to Elbow, off Downcomer "C" at 170 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08007	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

Item No.: **V18.P5** Equal: **4**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P5.A15.10	CS-A15@10-(P5)	N/A	CS	Core Spray Piping, Sliding Sleeve to Upper Downcomer "A" at 10 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08001	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P5.A7.170	CS-A7@170-(P5)	N/A	CS	Core Spray Piping, Sliding Sleeve to Upper Downcomer "C" at 170 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08009	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P5.B15.190	CS-B15@190-(P5)	N/A	CS	Core Spray Piping, Sliding Sleeve to Upper Downcomer "D" at 190 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08011	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P5.B7.350	CS-B7@350-(P5)	N/A	CS	Core Spray Piping, Sliding Sleeve to Upper Downcomer "B" at 350 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08004	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.

Item No.: **V18.P6** Equal: **4**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P6.A16.10	CS-A16@10-(P6)	N/A	CS	Core Spray Piping, Sliding Sleeve Weld to Outer Sleeve, off Downcomer "A" at 10 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08002	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P6.A6.170	CS-A6@170-(P6)	N/A	CS	Core Spray Piping, Sliding Sleeve Weld to Outer Sleeve, off Downcomer "C" at 170 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08010	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P6.B16.190	CS-B16@190-(P6)	N/A	CS	Core Spray Piping, Sliding Sleeve Weld to Outer Sleeve, off Downcomer "D" at 190 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08012	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P6.B6.350	CS-B6@350-(P6)	N/A	CS	Core Spray Piping, Sliding Sleeve Weld to Outer Sleeve, off Downcomer "B" at 350 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08003	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.

Item No.: **V18.P7** Equal: 4

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P7.A17.10	CS-A17@10-(P7)	N/A	CS	Core Spray Piping, Outer Sleeve to Lower Downcomer "A" at 10 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08029	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P7.A5.170	CS-A5@170-(P7)	N/A	CS	Core Spray Piping, Outer Sleeve to Lower Downcomer "C" at 170 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08024	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P7.B17.190	CS-B17@190-(P7)	N/A	CS	Core Spray Piping, Outer Sleeve to Lower Downcomer "D" at 190 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08027	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.P7.B5.350	CS-B5@350-(P7)	N/A	CS	Core Spray Piping, Outer Sleeve to Lower Downcomer "B" at 350 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08028	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.

Item No.: **V18.S1** Equal: 2

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.S1.CUTB.170	S1-CU-TB@170	N/A	CS	Core Spray Sparger "C" Upper Tee Box at 170 degrees azimuth, Cover Plate to Sparger Tee Box Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08015	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.S1.DLTB.190	S1-DL-TB@190	N/ A	CS	Core Spray Sparger "D" Lower Tee Box at 190 degrees azimuth, Cover Plate to Sparger Tee Box Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08018	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

Item No.: V18.S2 Equal: 4

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.S2.CUTB.168	S2@168-CU-TB@170	N/ A	CS	Core Spray Sparger "C" Upper Tee Box at 170 degrees azimuth, Sparger Pipe to Tee Box Weld at 168 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08016	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 30%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.S2.CUTB.172	S2@172-CU-TB@170	N/ A	CS	Core Spray Sparger "C" Upper Tee Box at 170 degrees azimuth, Sparger Pipe to Tee Box Weld at 172 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08014	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 30%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.S2.DLTB.188	S2@188-DL-TB@190	N/ A	CS	Core Spray Sparger "D" Lower Tee Box at 190 degrees azimuth, Sparger Pipe to Tee Box Weld at 188 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08019	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 30%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.S2.DLTB.192	S2@192-DL-TB@190	N/ A	CS	Core Spray Sparger "D" Lower Tee Box at 190 degrees azimuth, Sparger Pipe to Tee Box Weld at 192 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08017	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 25%.

Item No.: V18.S3a Equal: 1

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.S3a.CUNSW	S3a-CU-NSPW@92>269	N/ A	CS	Core Spray Sparger "C" Upper, Nozzle to Sparger Pipe Welds, all spray nozzles from 92 to 269 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	VT-1	BWRVIP-S08082	RI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

Item No.: **V18.S3b** Equal: 1

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.S3b.CUNOW	S3b-CU-NOW@92>269	N/ A	CS	Core Spray Sparger "C" Upper, Nozzle to Orifice Welds, all spray nozzles from 92 to 269 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	VT-1	BWRVIP-S08083	RI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

Item No.: **V18.S3c** Equal: 1

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.S3c.DLD.99	S3c-DL-DRSPW@99	N/ A	CS	Core Spray Sparger "D" Lower, Drain to Sparger Pipe Weld at 99 degrees azimuth, Includes Tack Weld on Drain Plug

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	VT-1	BWRVIP-S08030	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 40%.

Item No.: **V18.S4** Equal: 4

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.S4.CUEC.269	S4-CU-ECSPW@269	N/ A	CS	Core Spray Sparger "C" Upper, End Cap to Sparger Pipe Weld at 269 degrees azimuth Assumed to be creviced internally

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08061	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.S4.CUEC.91	S4-CU-ECSPW@91	N/ A	CS	Core Spray Sparger "C" Upper, End Cap to Sparger Pipe Weld at 93 degrees azimuth Assumed to be creviced internally

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08032	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.S4.DLE.C.269	S4-DL-ECSPW@269	N/ A	CS	Core Spray Sparger "D" Lower, End Cap to Sparger Pipe Weld at 269 degrees azimuth Assumed to be creviced internally

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08062	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.S4.DLE.C.91	S4-DL-ECSPW@91	N/ A	CS	Core Spray Sparger "D" Lower, End Cap to Sparger Pipe Weld at 91 degrees azimuth Assumed to be creviced internally/N/A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	EVT-1	BWRVIP-S08031	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 40%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

Item No.:	V18.SB	Equal: 7
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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.SB.BLDL.90	SB-BL-DL-SPR@90	N/ A	CS	Core Spray Sparger Bracket at 90 degrees azimuth between CS Sparger "B" Lower and CS Sparger "D" Lower

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	VT-1	BWRVIP-S08064	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 25%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.SB.CUDL.119	SB-CU-DL-SPR@119	N/ A	CS	Core Spray Sparger Bracket at 119 degrees azimuth between CS Sparger "C" Upper and CS Sparger "D" Lower .

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	VT-1	BWRVIP-S08065	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 75%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.SB.CUDL.149	SB-CU-DL-SPR@149.5	N/ A	CS	Core Spray Sparger Bracket at 149.5 degrees azimuth between CS Sparger "C" Upper and CS Sparger "D" Lower

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	VT-1	BWRVIP-S08067	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 75%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.SB.CUDL.210	SB-CU-DL-SPR@210.5	N/ A	CS	Core Spray Sparger Bracket at 210.5 degrees azimuth between CS Sparger "C" Upper and CS Sparger "D" Lower

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	VT-1	BWRVIP-S08020	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 70%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.SB.CUDL.241	SB-CU-DL-SPR@241	N/ A	CS	Core Spray Sparger Bracket at 241 degrees azimuth between CS Sparger "C" Upper and CS Sparger "D" Lower

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	VT-1	BWRVIP-S08066	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 65%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.SB.CUDL.268	SB-CU-DL-SPR@268	N/ A	CS	Core Spray Sparger Bracket at 268 degrees azimuth between CS Sparger "C" Upper and CS Sparger "D" Lower

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	VT-1	BWRVIP-S08063	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V18.SB.CUDL.92	SB-CU-DL-SPR@92	N/ A	CS	Core Spray Sparger Bracket at 92 degree azimuth between CS Sparger "C" Upper and Sparger "D" Lower

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547373	VT-1	BWRVIP-S08068	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 75%.



**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602
- 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098
- 3. Plant Unit: 1

- 4. Commercial Service Date: 07/01/1974
- 5. Owner Certificate of Authorization (If Required): N/A
- 6. National Certificate of Authorization (If Required): N/A

<u>Category:</u>	VIP26	<u>Equal:</u>	12
<u>Item No.:</u>	V26.HLDAS	<u>Equal:</u>	2

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V26.TGHLDNAS.0	TG-HLDWN-ASEM@0	N/ A	NB	Top Guide Hold Down Assembly consisting of two bolts top and botton and a central, spring loaded tensioning locking bolt, which is fillet welded in the locked position at 366 degrees azimuth, 4 degrees counter-clockwise from 0 degree azimuth.

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547372	VT-1	BWRVIP-S08112	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V26.TGHLDNAS.180	TG-HLDWN-ASEM@180	N/ A	NB	Top Guide Hold Down Assembly consisting of two bolts top and botton and a central, spring loaded tensioning locking bolt, which is fillet welded in the locked position 176 degrees azimuth, 4 degrees counter-clockwise from 180 degrees azimuth.

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547372	VT-1	BWRVIP-S08113	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

<u>Item No.:</u>	V26.HZAPN	<u>Equal:</u>	2
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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V26.HZALPN.0	TG-HOZALNPIN-ASEM@0	N/ A	NB	Top Guide Horizontal Aligner Assembly Pins, Sockets, and Welds at 0 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547372	VT-1	BWRVIP-S08060	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V26.HZALPN.180	TG-HOZALNPIN-ASEM@180	N/ A	NB	Top Guide Horizontal Aligner Assembly Pins, Sockets, and Welds at 180 degrees azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547372	VT-1	BWRVIP-S08069	RI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 40%.

<u>Item No.:</u>	V26.RMWLD	<u>Equal:</u>	8
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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V26.RW.0003	TG-RIMWLD@110>120	N/ A	NB	Top Guide Rim Welds, Accessible Welds from 110 to 120 degree azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547372	EVT-1	BWRVIP-S08076	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V26.RW.0004	TG-RIMWLD@140>150	N/ A	NB	Top Guide Rim Welds, Accessible Welds from 140 to 150 degree azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547372	EVT-1	BWRVIP-S08077	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

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 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V26.RW.0001	TG-RIMWLD@20>30	N/A	NB	Top Guide Rim Welds, Accessible Welds from 20 to 30 degree azimuth A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547372	EVT-1	BWRVIP-S08074	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V26.RW.0005	TG-RIMWLD@200>210	N/A	NB	Top Guide Rim Welds, Accessible Welds from 200 to 210 degree azimuth A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547372	EVT-1	BWRVIP-S08078	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V26.RW.0006	TG-RIMWLD@230>240	N/A	NB	Top Guide Rim Welds, Accessible Welds from 230 to 240 degree azimuth A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547372	EVT-1	BWRVIP-S08079	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V26.RW.0008	TG-RIMWLD@320>330	N/A	NB	Top Guide Rim Welds, Accessible Welds from 320 to 330 degrees azimuth A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547372	EVT-1	BWRVIP-S08081	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V26.RW.0002	TG-RIMWLD@50-60	N/A	NB	Top Guide Rim Welds, Accessible Welds from 50 to 60 degree azimuth A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547372	EVT-1	BWRVIP-S08075	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V26.RW.0007	TG-RIMWLD>290>300	N/A	NB	Top Guide Rim Welds, Accessible Welds from 290 to 300 degrees azimuth A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547372	EVT-1	BWRVIP-S08080	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

Category: VIP38	Equal: 7
Item No.: V38.GW	Equal: 7

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V38.GWLD.210	GUSWLDS@210	N/A	NB	Shroud Support Plate Gusset Welds at 210 Degrees Azimuth A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08096	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V38.GWLD.225	GUSWLDS@225	N/ A	NB	Shroud Support Plate Gusset Welds at 225 Degrees Azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08087	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 65%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V38.GWLD.240	GUSWLDS@240	N/ A	NB	Shroud Support Plate Gusset Welds at 240 Degrees Azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08097	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V38.GWLD.255	GUSWLDS@255	N/ A	NB	Shroud Support Plate Gusset Welds at 255 Degrees Azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08103	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 60%

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V38.GWLD.30	GUSWLDS@30	N/ A	NB	Shroud Support Plate Gusset Welds at 30 Degrees Azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08057	RI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 45%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V38.GWLD.300	GUSWLDS@300	N/ A	NB	Shroud Support Plate Gusset Welds at 300 Degrees Azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08098	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V38.GWLD.330	GUSWLDS@330	N/ A	NB	Shroud Support Plate Gusset Welds at 15 Degrees Azimuth

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08107	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602
- 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098
- 3. Plant Unit: 1

- 4. Commercial Service Date: 07/01/1974
- 5. Owner Certificate of Authorization (If Required): N/A
- 6. National Certificate of Authorization (If Required): N/A

Category: VIP41 Equal: 214
Item No.: V41.AD1 Equal: 20

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD1.JP1	AD-1-JP1	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-142	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD1.JP10	AD-1-JP10	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-135	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD1.JP11	AD-1-JP11	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-171	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD1.JP12	AD-1-JP12	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-177	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD1.JP13	AD-1-JP13	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-183	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD1.JP14	AD-1-JP14	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-198	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD1.JP15	AD-1-JP15	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-189	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD1.JP16	AD-1-JP16	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-204	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD1.JP17	AD-1-JP17	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-210	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD1.JP18	AD-1-JP18	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-216	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD1.JP19	AD-1-JP19	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-222	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD1.JP2	AD-1-JP2	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-147	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD1.JP20	AD-1-JP20	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-228	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD1.JP3	AD-1-JP3	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-153	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD1.JP4	AD-1-JP4	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-159	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD1.JP5	AD-1-JP5	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-165	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD1.JP6	AD-1-JP6	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-110	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD1.JP7	AD-1-JP7	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-117	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD1.JP8	AD-1-JP8	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-123	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD1.JP9	AD-1-JP9	N/ A	NB	Jet Pump Adapter Top to Adapter Bottom Weld (Bi-metallic weld)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-129	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

Item No.: V41.AD2 Equal: 20

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD2.JP1	AD-2-JP1	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-141	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD2.JP10	AD-2-JP10	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-134	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD2.JP11	AD-2-JP11	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-172	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD2.JP12	AD-2-JP12	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-178	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD2.JP13	AD-2-JP13	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-184	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD2.JP14	AD-2-JP14	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-199	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD2.JP15	AD-2-JP15	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-190	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD2.JP16	AD-2-JP16	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-205	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD2.JP17	AD-2-JP17	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-211	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.AD2.JP18	AD-2-JP18	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-217	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.



**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974

5. Owner Certificate of Authorization (If Required): N/A

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD2.JP19	AD-2-JP19	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-223	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD2.JP2	AD-2-JP2	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-148	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD2.JP20	AD-2-JP20	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-229	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD2.JP3	AD-2-JP3	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-154	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD2.JP4	AD-2-JP4	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-160	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD2.JP5	AD-2-JP5	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-166	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974

5. Owner Certificate of Authorization (If Required): N/A

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD2.JP6	AD-2-JP6	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-111	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD2.JP7	AD-2-JP7	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-116	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD2.JP8	AD-2-JP8	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-122	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.AD2.JP9	AD-2-JP9	N/ A	NB	Jet Pump Adapter Bottom to Core Shroud Support Plate	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-128	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 87.5%.
Item No.: <b>V41.BB</b> Equal: <b>20</b>					
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB.JP1	BB-3-JP1	N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-081	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB.JP10	BB-3-JP10	N/ A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-091	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP11	BB-3-JP11	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-092	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP12	BB-3-JP12	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-093	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP13	BB-3-JP13	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-094	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP14	BB-3-JP14	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-095	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP15	BB-3-JP15	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-096	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP16	BB-3-JP16	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-097	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP17	BB-3-JP17	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-098	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP18	BB-3-JP18	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-099	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP19	BB-3-JP19	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-100	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP2	BB-3-JP2	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-082	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP20	BB-3-JP20	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-089	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP3	BB-3-JP3	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-083	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP4	BB-3-JP4	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-084	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP5	BB-3-JP5	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-085	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP6	BB-3-JP6	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-086	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP7	BB-3-JP7	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-087	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP8	BB-3-JP8	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-088	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB.JP9	BB-3-JP9	N/A	NBI	Jet Pump Beam Transition Arm Region MidSection Area (RICSIL No. 086)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-090	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602
- 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098
- 3. Plant Unit: 1

- 4. Commercial Service Date: 07/01/1974
- 5. Owner Certificate of Authorization (If Required): N/A
- 6. National Certificate of Authorization (If Required): N/A

Item No.: V41.BB1 Equal: 20

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP1	BB-1-JP1	N/ A	NBI	Jet Pump Beam Bolt Hole Region

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-041	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP10	BB-1-JP10	N/ A	NBI	Jet Pump Beam Bolt Hole Region

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-050	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP11	BB-1-JP11	N/ A	NBI	Jet Pump Beam Bolt Hole Region

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-051	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP12	BB-1-JP12	N/ A	NBI	Jet Pump Beam Bolt Hole Region

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-052	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP13	BB-1-JP13	N/ A	NBI	Jet Pump Beam Bolt Hole Region

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-053	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP14	BB-1-JP14	N/ A	NBI	Jet Pump Beam Bolt Hole Region

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-054	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602
- 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098
- 3. Plant Unit: 1

- 4. Commercial Service Date: 07/01/1974
- 5. Owner Certificate of Authorization (If Required): N/A
- 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP15	BB-1-JP15	N/ A	NBI	Jet Pump Beam Bolt Hole Region

  

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-055	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP16	BB-1-JP16	N/ A	NBI	Jet Pump Beam Bolt Hole Region

  

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-056	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP17	BB-1-JP17	N/ A	NBI	Jet Pump Beam Bolt Hole Region

  

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-057	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP18	BB-1-JP18	N/ A	NBI	Jet Pump Beam Bolt Hole Region

  

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-058	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP19	BB-1-JP19	N/ A	NBI	Jet Pump Beam Bolt Hole Region

  

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-059	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP2	BB-1-JP2	N/ A	NBI	Jet Pump Beam Bolt Hole Region

  

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-042	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP20	BB-1-JP20	N/ A	NBI	Jet Pump Beam Bolt Hole Region

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-060	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP3	BB-1-JP3	N/ A	NBI	Jet Pump Beam Bolt Hole Region

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-043	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP4	BB-1-JP4	N/ A	NBI	Jet Pump Beam Bolt Hole Region

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-044	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP5	BB-1-JP5	N/ A	NBI	Jet Pump Beam Bolt Hole Region

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-045	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP6	BB-1-JP6	N/ A	NBI	Jet Pump Beam Bolt Hole Region

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-046	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB1.JP7	BB-1-JP7	N/ A	NBI	Jet Pump Beam Bolt Hole Region

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-047	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.



**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974

5. Owner Certificate of Authorization (If Required): N/A

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB1.JP8	BB-1-JP8	N/ A	NBI	Jet Pump Beam Bolt Hole Region	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-048	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB1.JP9	BB-1-JP9	N/ A	NBI	Jet Pump Beam Bolt Hole Region	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-049	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

Item No.: V41.BB2 Equal: 20

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB2.JP1	BB-2-JP1	N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-061	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB2.JP10	BB-2-JP10	N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-070	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB2.JP11	BB-2-JP11	N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-071	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB2.JP12	BB-2-JP12	N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-072	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB2.JP13	BB-2-JP13	N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-073	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB2.JP14	BB-2-JP14	N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-074	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB2.JP15	BB-2-JP15	N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-075	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB2.JP16	BB-2-JP16	N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-076	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB2.JP17	BB-2-JP17	N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-077	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB2.JP18	BB-2-JP18	N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-078	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB2.JP19	BB-2-JP19	N/	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area A	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-079	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB2.JP2	BB-2-JP2	N/	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area A	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-062	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB2.JP20	BB-2-JP20	N/	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area A	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-080	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB2.JP3	BB-2-JP3	N/	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area A	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-063	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB2.JP4	BB-2-JP4	N/	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area A	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-064	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41BB2.JP5	BB-2-JP5	N/	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area A	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-065	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602
- 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098
- 3. Plant Unit: 1

- 4. Commercial Service Date: 07/01/1974
- 5. Owner Certificate of Authorization (If Required): N/A
- 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB2.JP6	BB-2-JP6	N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-066	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB2.JP7	BB-2-JP7	N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-067	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB2.JP8	BB-2-JP8	N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-068	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41BB2.JP9	BB-2-JP9	N/ A	NBI	Jet Pump Beam Transition Arm Region Machined Radius Area

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547376	Remote UT	VE-S08-069	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

Item No.: **V41.DF1** Equal: **20**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF1.JP1	DF-1-JP1	N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-143	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF1.JP10	DF-1-JP10	N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-138	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF1.JP11	DF-1-JP11	N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-173	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF1.JP12	DF-1-JP12	N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-179	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF1.JP13	DF-1-JP13	N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-185	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF1.JP14	DF-1-JP14	N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-200	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF1.JP15	DF-1-JP15	N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-191	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF1.JP16	DF-1-JP16	N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-206	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF1.JP17	DF-1-JP17	N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-212	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF1.JP18	DF-1-JP18	N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-218	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF1.JP19	DF-1-JP19	N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-225	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF1.JP2	DF-1-JP2	N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-149	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF1.JP20	DF-1-JP20	N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-230	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF1.JP3	DF-1-JP3	N/ A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-155	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF1.JP4	DF-1-JP4	N/A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld	
		A			
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto Ut	VE-S08-161	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF1.JP5	DF-1-JP5	N/A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld	
		A			
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-167	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF1.JP6	DF-1-JP6	N/A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld	
		A			
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto Ut	VE-S08-114	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF1.JP7	DF-1-JP7	N/A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld	
		A			
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-120	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%..

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF1.JP8	DF-1-JP8	N/A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld	
		A			
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-126	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF1.JP9	DF-1-JP9	N/A	NB	Jet Pump Diffuser Collar to Diffuser Shell Weld	
		A			
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-132	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

Item No.: V41.DF2 Equal: 20

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF2.JP1	DF-2-JP1	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-144	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF2.JP10	DF-2-JP10	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-137	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF2.JP11	DF-2-JP11	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-174	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF2.JP12	DF-2-JP12	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-180	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF2.JP13	DF-2-JP13	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-186	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF2.JP14	DF-2-JP14	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-201	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.



**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF2.JP15	DF-2-JP15	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-192	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF2.JP16	DF-2-JP16	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-207	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF2.JP17	DF-2-JP17	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-213	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF2.JP18	DF-2-JP18	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-219	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF2.JP19	DF-2-JP19	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-224	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF2.JP2	DF-2-JP2	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-150	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602
- 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098
- 3. Plant Unit: 1

- 4. Commercial Service Date: 07/01/1974
- 5. Owner Certificate of Authorization (If Required): N/A
- 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF2.JP20	DF-2-JP20	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-231	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF2.JP3	DF-2-JP3	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-156	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF2.JP4	DF-2-JP4	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-162	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF2.JP5	DF-2-JP5	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-168	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF2.JP6	DF-2-JP6	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-113	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF2.JP7	DF-2-JP7	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-119	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF2.JP8	DF-2-JP8	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-125	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF2.JP9	DF-2-JP9	N/ A	NB	Jet Pump Diffuser Shell to Tailpipe Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-131	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

Item No.: V41.DF3 Equal: 20

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF3.JP1	DF-3-JP1	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-145	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF3.JP10	DF-3-JP10	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-136	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF3.JP11	DF-3-JP11	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-175	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF3.JP12	DF-3-JP12	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-181	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF3.JP13	DF-3-JP13	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-187	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF3.JP14	DF-3-JP14	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-202	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF3.JP15	DF-3-JP15	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-193	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF3.JP16	DF-3-JP16	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-208	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF3.JP17	DF-3-JP17	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-214	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF3.JP18	DF-3-JP18	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-220	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF3.JP19	DF-3-JP19	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-226	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF3.JP2	DF-3-JP2	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-151	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF3.JP20	DF-3-JP20	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-232	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF3.JP3	DF-3-JP3	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-157	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF3.JP4	DF-3-JP4	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-163	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.DF3.JP5	DF-3-JP5	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-169	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF3.JP6	DF-3-JP6	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-112	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF3.JP7	DF-3-JP7	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-118	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF3.JP8	DF-3-JP8	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-124	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.DF3.JP9	DF-3-JP9	N/ A	NB	Jet Pump Diffuser Tailpipe to Adapter Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-130	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

Item No.: V41.IN4 Equal: 2

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.IN4.JP19	IN-4-JP19	N/ A	NB	Jet Pump Inlet Single Hole Nozzle Casting to Mixer Barrel

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08116	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 30%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.IN4.JP20	IN-4-JP20	N/ A	NB	Jet Pump Inlet Single Hole Nozzle Casting to Mixer Barrel

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08122	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 30%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

Item No.: V41.MX2 Equal: 20

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.MX2.JP1	MX-2-JP1	N/ A	NB	Jet Pump Barrel to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-146	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.MX2.JP10	MX-2-JP10	N/ A	NB	Jet Pump Barrel to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-139	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.MX2.JP11	MX-2-JP11	N/ A	NB	Jet Pump Barrel to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-176	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.MX2.JP12	MX-2-JP12	N/ A	NB	Jet Pump Barrel to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-182	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.MX2.JP13	MX-2-JP13	N/ A	NB	Jet Pump Barrel to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-188	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.
<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.MX2.JP14	MX-2-JP14	N/ A	NB	Jet Pump Barrel to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-203	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.MX2.JP15	MX-2-JP15	N/ A	NB	Jet Pump Barrel to Adapter Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-194	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.MX2.JP16	MX-2-JP16	N/ A	NB	Jet Pump Barrel to Adapter Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-209	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.MX2.JP17	MX-2-JP17	N/ A	NB	Jet Pump Barrel to Adapter Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-215	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.MX2.JP18	MX-2-JP18	N/ A	NB	Jet Pump Barrel to Adapter Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-221	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.MX2.JP19	MX-2-JP19	N/ A	NB	Jet Pump Barrel to Adapter Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-227	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.MX2.JP2	MX-2-JP2	N/ A	NB	Jet Pump Barrel to Adapter Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-152	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.



**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.MX2.JP20	MX-2-JP20	N/ A	NB	Jet Pump Barrel to Adapter Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-233	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.MX2.JP3	MX-2-JP3	N/ A	NB	Jet Pump Barrel to Adapter Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote auto UT	VE-S08-158	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.MX2.JP4	MX-2-JP4	N/ A	NB	Jet Pump Barrel to Adapter Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-164	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.MX2.JP5	MX-2-JP5	N/ A	NB	Jet Pump Barrel to Adapter Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-170	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.MX2.JP6	MX-2-JP6	N/ A	NB	Jet Pump Barrel to Adapter Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-115	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.MX2.JP7	MX-2-JP7	N/ A	NB	Jet Pump Barrel to Adapter Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-121	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974

5. Owner Certificate of Authorization (If Required): N/A

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.MX2.JP8	MX-2-JP8	N/ A	NB	Jet Pump Barrel to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-127	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.MX2.JP9	MX-2-JP9	N/ A	NB	Jet Pump Barrel to Adapter Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4563808	Remote Auto UT	VE-S08-133	Accept	N/A	Exam Sat. See Areva RE24 Jet Pump Diffuser/Beam Examination Final Report. Exam coverage 100%.

Item No.: **V41.RB1a** Equal: 2

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.RB1a.JP19-20	RB-1a-JP19&JP20	N/ A	NB	Jet Pump Primary Riser Brace Leaf to Vessel Pad Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08124	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.RB1a.JP9-10	RB-1a-JP9&JP10	N/ A	NB	Jet Pump Primary Riser Brace Leaf to Vessel Pad Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08058	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

Item No.: **V41.RB1b** Equal: 2

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.RB1b.JP19-20	RB-1b-JP19&JP20	N/ A	NB	Jet Pump Primary Riser Brace Leaf to Vessel Pad Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08118	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
V41.RB1b.JP9-10	RB-1b-JP9&JP10	N/ A	NB	Jet Pump Primary Riser Brace Leaf to Vessel Pad Weld	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08040	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974

5. Owner Certificate of Authorization (If Required): N/A

6. National Certificate of Authorization (If Required): N/A

Item No.: **V41.RB1c** Equal: **2**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RB1c.JP19-20	RB-1c-JP19&JP20	N/	NB	Jet Pump Primary Riser Brace Leaf to Vessel Pad Weld A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08125	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RB1c.JP9-10	RB-1c-JP9&JP10	N/	NB	Jet Pump Primary Riser Brace Leaf to Vessel Pad Weld A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08059	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

Item No.: **V41.RB1d** Equal: **2**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RB1d.JP19-20	RB-1d-JP19&JP20	N/	NB	Jet Pump Primary Riser Brace Leaf to Vessel Pad Weld A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08119	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 75%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RB1d.JP9-10	RB-1d-JP9&JP10	N/	NB	Jet Pump Primary Riser Brace Leaf to Vessel Pad Weld A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08041	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 80%.

Item No.: **V41.RB2a** Equal: **2**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RB2a.JP19-20	RB-2a-JP19&JP20	N/	NB	Jet Pump Primary Riser Brace Leaf to Yoke Weld A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08126	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RB2a.JP9-10	RB-2a-JP9&JP10	N/	NB	Jet Pump Primary Riser Brace Leaf to Yoke Weld A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08051	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602
- 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098
- 3. Plant Unit: 1

- 4. Commercial Service Date: 07/01/1974
- 5. Owner Certificate of Authorization (If Required): N/A
- 6. National Certificate of Authorization (If Required): N/A

Item No.: **V41.RB2b** Equal: **2**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RB2b.JP19-20	RB-2b-JP19&JP20	N/	NB	Jet Pump Primary Riser Brace Leaf to Yoke Weld A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08120	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RB2b.JP9-10	RB-2b-JP9&JP10	N/	NB	Jet Pump Primary Riser Brace Leaf to Yoke Weld A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08053	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

Item No.: **V41.RB2c** Equal: **2**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RB2c.JP19-20	RB-2c-JP19&JP20	N/	NB	Jet Pump Primary Riser Brace Leaf to Yoke Weld A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08127	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RB2c.JP9-10	RB-2c-JP9&JP10	N/	NB	Jet Pump Primary Riser Brace Leaf to Yoke Weld A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08052	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

Item No.: **V41.RB2d** Equal: **2**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RB2d.JP19-20	RB-2d-JP19&JP20	N/	NB	Jet Pump Primary Riser Brace Leaf to Yoke Weld A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08128	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam Coverage 50%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RB2d.JP9-10	RB-2d-JP9&JP10	N/	NB	Jet Pump Primary Riser Brace Leaf to Yoke Weld A

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08054	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 50%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 07/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

Item No.: V41.RS3 Equal: 1

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RS3.JP19-20	RS-3-JP19&JP20	N/A	NB	Jet Pump Riser Pipe to Transition Piece Weld
		A		

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08114	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

Item No.: V41.RS6 Equal: 2

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RS6.JP19	RS-6-JP19	N/A	NB	Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (right side looking toward RPV)
		A		

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08115	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 40%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RS6.JP9	RS-6-JP9	N/A	NB	Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (right side looking toward RPV)
		A		

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08056	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 40%.

Item No.: V41.RS7 Equal: 2

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RS7.JP10	RS-7-JP10	N/A	NB	Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (left side looking toward RPV)
		A		

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08055	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 45%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RS7.JP20	RS-7-JP20	N/A	NB	Jet Pump Riser Pipe to Restrainer Bracket Circ. Weld (left side looking toward RPV)
		A		

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08121	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 40%.

Item No.: V41.RS8 Equal: 2

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RS8.JP19-20	RS-8-JP19&JP20	N/A	NB	Jet Pump Riser Pipe to Primary Riser Brace Bottom Circ. Weld
		A		

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08129	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 35%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RS8.JP9-10	RS-8-JP9&JP10	N/	NB	Jet Pump Riser Pipe to Primary Riser Brace Bottom Circ. Weld A

  

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08038	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 30%.

Item No.: **V41.RS9** Equal: **2**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RS9.JP19-20	RS-9-JP19&JP20	N/	NB	Jet Pump Riser Pipe to Primary Riser Brace Top Circ. Weld A

  

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08130	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 40%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.RS9.JP9-10	RS-9-JP9&JP10	N/	NB	Jet Pump Riser Pipe to Primary Riser Brace Top Circ. Weld A

  

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	EVT-1	BWRVIP-S08039	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 30%.

Item No.: **V41.WD1** Equal: **7**

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.WD1.JP10	WD-1-JP10	N/	NB	Jet Pump Wedge Bearing Surface Area A

  

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-1	BWRVIP-S08022	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 90%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.WD1.JP11	WD-1-JP11	N/	NB	Jet Pump Wedge Bearing Surface Area A

  

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-1	BWRVIP-S08088	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.WD1.JP15	WD-1-JP15	N/	NB	Jet Pump Wedge Bearing Surface Area A

  

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-1	BWRVIP-S08086	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.WD1.JP16	WD-1-JP16	N/	NB	Jet Pump Wedge Bearing Surface Area A

  

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-1	BWRVIP-S08085	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1

4. Commercial Service Date: 07/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.WD1.JP19	WD-1-JP19	N/ A	NB	Jet Pump Wedge Bearing Surface Area

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-1	BWRVIP-S08089	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 55%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.WD1.JP20	WD-1-JP20	N/ A	NB	Jet Pump Wedge Bearing Surface Area

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-1	BWRVIP-S08084	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V41.WD1.JP9	WD-1-JP9	N/ A	NB	Jet Pump Wedge Bearing Surface Area

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547371	VT-1	BWRVIP-S08023	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

Category: VIP47	Equal: 5
Item No.: V47.GT2	Equal: 2

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V47.CRG2.10-43	CRGT-2-(10-43)	N/ A	NB	Control Rod Drive Gудie Tube Assembly Upper Circ Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4565645	EVT-1	BWRVIP-S08044	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V47.CRG2.18-07	CRGT-2-(18-07)	N/ A	NB	Control Rod Drive Gудie Tube Assembly Upper Circ Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4565645	EVT-1	BWRVIP-S08134	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

Item No.: V47.GT3	Equal: 3
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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V47.CRG3.10-43	CRGT-3-(10-43)	N/ A	NB	Control Rod Drive Gудie Tube Assembly Lower Circ Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4565645	EVT-1	BWRVIP-S08045	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

**Attachment 1: Inservice Inspection Report, Interval 4, Period 1, RE24**

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|--|--|
| <p>1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602</p> <p>2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098</p> <p>3. Plant Unit: 1</p> | <p>4. Commercial Service Date: 07/01/1974</p> <p>5. Owner Certificate of Authorization (If Required): N/A</p> <p>6. National Certificate of Authorization (If Required): N/A</p> |
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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V47.CRGT3.18-07	CRGT-3-(18-07)	N/ A	NB	Control Rod Drive Guide Tube Assembly Lower Circ Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4565645	EVT-1	BWRVIP-S08046	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
V47.CRGT3.18-27	CRGT-3-(18-27)	N/ A	NB	Control Rod Drive Guide Tube Assembly Lower Circ Weld

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4565645	EVT-1	BWRVIP-S08104	NRI	N/A	Exam Sat. See Areva RE24 IVVI Final Report. Exam coverage 100%.





**FORM NIS-1 (Back)**

8. Examination Dates 11/23/2006 to 5/17/2008
9. Inspection Period Identification: Period 3: 01/09/2005 to 05/08/2008
10. Inspection Interval Identification: Interval 1, 09/09/1996 to 05/08/2008
11. Applicable Edition of Section XI 1992 Addenda 1992
12. Date/Revision of Inspection Plan: 04/12/2008
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan.  
See Attachment 1
14. Abstract of Results of Examinations and Tests.  
See Attachment 1
15. Abstract of Corrective Measures.  
See Attachment 1

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

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

Date 7/11/08 Signed Nebraska Public Power District By Vasant N. Bhardwaj  
Owner Vasant Bhardwaj

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Nebraska and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 11/23/2006 to 05/17/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the inspection plan and as required by the ASME Code, Section XI.

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

K. Saltzman Commissions NB11047 A, N.I.C., NS 10094 NE  
Inspector's Signature National Board, State, Province, and Endorsements

Date July 23, 2008

(\* ) SEE "ATTACHMENT 1" FOR APPLICABLE INFORMATION

**Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE**

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|--|---|
| 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602            | 4. Commercial Service Date: 04/01/1974                      |
| 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098 | 5. Owner Certificate of Authorization (If Required): N/A    |
| 3. Plant Unit: 1   | 6. National Certificate of Authorization (If Required): N/A |

Exam Credit: Sec.XI Equal: 94

Category: E-A Equal: 38

Item No.: E1.11 Equal: 2

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.11.0001	DW	MC	PC	Drywell Containment Liner Accessible Surfaces	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547368	VT-G	VT-S08-091	Accept	N-598	Exam Sat. Once per Period General Visual examination of the Drywell liner accessible surfaces. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.11.0002	SP	MC	PC	Suppression Chamber Containment Liner Accessible Surfaces	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547368	VT-G	VT-S08-089	Accept	N-598	Exam Sat. Once per Period General Visual examination of the Suppression Pool accessible surfaces. Reference AREVA RE24 ISI Outage Report.

4547368 VT-G VT-S08-043 Accept

Item No.: E1.12 Equal: 12

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.12.0052	B11-INT	MC	PC	Bay 11, Interior	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-044	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.12.0053	B11-RG-ATT	MC	PC	Bay 11, Ring Girder Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-047	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.12.0057	B12-INT	MC	PC	Bay 12, Interior	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-045	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.12.0058	B12-RG-ATT	MC	PC	Bay 12, Ring Girder Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-046	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

**Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 04/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.12.0062	B13-INT	MC	PC	Bay 13, Interior	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-048	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.12.0063	B13-RG-ATT	MC	PC	Bay 13, Ring Girder Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-049	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.12.0067	B14-INT	MC	PC	Bay 14, Interior	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-050	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.12.0068	B14-RG-ATT	MC	PC	Bay 14, Ring Girder Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-063	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.12.0072	B15-INT	MC	PC	Bay 15, Interior	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-062	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.12.0073	B15-RG-ATT	MC	PC	Bay 15, Ring Girder Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-061	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.12.0077	B16-INT	MC	PC	Bay 16, Interior	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-060	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

**Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1
4. Commercial Service Date: 04/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E1.12.0078	B16-RG-ATT	MC	PC	Bay 16, Ring Girder Attachment Welds

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-059	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Item No.:</u>	<b>E1.20</b>	<u>Equal:</u>	<b>24</b>
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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E1.20.0041	B11-DWN	MC	PC	Bay 11, Downcomers (six downcomers)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-058	Accept	N-598, C-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E1.20.0042	B11-DWN-ATT	MC	PC	Bay 11, Downcomer Attachment Welds

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-057	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E1.20.0043	B11-VH	MC	PC	Bay 11, Vent Header Assembly

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-056	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E1.20.0044	B11-VH-ATT	MC	PC	Bay 11, Vent Header Support Attachment Welds

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-055	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E1.20.0045	B12-DWN	MC	PC	Bay 12, Downcomers (four downcomers)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-054	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E1.20.0046	B12-DWN-ATT	MC	PC	Bay 12, Downcomer Attachment Welds

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-053	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

**Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1
4. Commercial Service Date: 04/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E1.20.0047	B12-VH	MC	PC	Bay 12 off X-5F Vent Line, Vent Header Intersection, Including Header-Intersection Drain Line and Vacuum Breakers

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-052	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E1.20.0048	B12-VH-ATT	MC	PC	Bay 12, Vent Header intersection Support Attachment Welds

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-051	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E1.20.0049	B13-DWN	MC	PC	Bay 13, Downcomers (six downcomers)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-079	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E1.20.0050	B13-DWN-ATT	MC	PC	Bay 13, Downcomer Attachment Welds

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-078	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E1.20.0051	B13-VH	MC	PC	Bay 13, Vent Header Assembly

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-077	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E1.20.0052	B13-VH-ATT	MC	PC	Bay 13, Vent Header Support Attachment Welds

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-076	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E1.20.0053	B14-DWN	MC	PC	Bay 14, Downcomers (four downcomers)

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-075	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

**Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1
4. Commercial Service Date: 04/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.20.0054	B14-DWN-ATT	MC	PC	Bay 14, Downcomer Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-074	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.20.0055	B14-VH	MC	PC	Bay 14 off X-5G Vent Line, Vent Header-Intersection Assembly, Including Header-Intersection Drain Line	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-073	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.20.0056	B14-VH-ATT	MC	PC	Bay 14, Vent Header Intersection Support Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-072	Accept	N-a598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.20.0057	B15-DWN	MC	PC	Bay 15, Downcomers (six downcomers)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-071	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.20.0058	B15-DWN-ATT	MC	PC	Bay 15, Downcomer Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-070	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.20.0059	B15-VH	MC	PC	Bay 15, Vent Header Assembly	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-069	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.20.0060	B15-VH-ATT	MC	PC	Bay 15, Vent Header sSupport Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-068	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

**Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE**

- |  |   |
|--|---|
| 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602            | 4. Commercial Service Date: 04/01/1974                      |
| 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098 | 5. Owner Certificate of Authorization (If Required): N/A    |
| 3. Plant Unit: 1   | 6. National Certificate of Authorization (If Required): N/A |

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.20.0061	B16-DWN	MC	PC	Bay 16, Downcomers (four downcomers)	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-067	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.20.0062	B16-DWN-ATT	MC	PC	Bay 16, Downcomer Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-066	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.20.0063	B16-VH	MC	PC	Bay 16 off X-5H Vent Line, Vent Header-Intersection Assembly, Including Header-Intersection Drain Line and Vacuum Breakers	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-065	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E1.20.0064	B16-VH-ATT	MC	PC	Bay 16, Vent Header-Intersection Assembly Support Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-3	VT-S08-064	Accept	N-598, N-601	Exam Sat. Reference AREVA RE24 ISI Outage Report.

Category:	E-C	Equal:	48
Item No.:	E4.11	Equal:	48

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0028	B10-DWN-ID-SS	MC	PC	Bay 10, Downcomer Submerged Section Interior Surface	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-025	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0029	B10-DWN-OD-SS	MC	PC	Bay 10, Downcomer Submerged Section Exterior Surface Including Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-026	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0030	B10-INT-SS	MC	PC	Bay 10, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-027	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.



**Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE**

- 1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602
- 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098
- 3. Plant Unit: 1
- 4. Commercial Service Date: 04/01/1974
- 5. Owner Certificate of Authorization (If Required): N/A
- 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0031	B11-DWN-ID-SS	MC	PC	Bay 11, Downcomer Submerged Section Interior Surface	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-028	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0032	B11-DWN-OD-SS	MC	PC	Bay 11, Downcomer Submerged Section Exterior Surface Including Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-029	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0033	B11-INT-SS	MC	PC	Bay 11, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-030	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0034	B12-DWN-ID-SS	MC	PC	Bay 12, Downcomer Submerged Section Interior Surface	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-031	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0035	B12-DWN-OD-SS	MC	PC	Bay 12, Downcomer Submerged Section Exterior Surface Including Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-032	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0036	B12-INT-SS	MC	PC	Bay 12, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-105	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0037	B13-DWN-ID-SS	MC	PC	Bay 13, Downcomer Submerged Section Interior Surface	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-033	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

**Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1
4. Commercial Service Date: 04/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0038	B13-DWN-OD-SS	MC	PC	Bay 13, Downcomer Submerged Section Exterior Surface Including Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-034	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

  

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0039	B13-INT-SS	MC	PC	Bay 13, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-106	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

  

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0040	B14-DWN-ID-SS	MC	PC	Bay 14, Downcomer Submerged Section Interior Surface	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-035	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

  

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0041	B14-DWN-OD-SS	MC	PC	Bay 14, Downcomer Submerged Section Exterior Surface Including Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-036	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

  

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0042	B14-INT-SS	MC	PC	Bay 14, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-107	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

  

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0043	B15-DWN-ID-SS	MC	PC	Bay 15, Downcomer Submerged Section Interior Surface	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-037	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

  

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0044	B15-DWN-OD-SS	MC	PC	Bay 15, Downcomer Submerged Section Exterior Surface Including Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-038	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

**Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1
4. Commercial Service Date: 04/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0045	B15-INT-SS	MC	PC	Bay 15, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-108	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Reference CR-2008-2770 for recordable pits. Pitting was evaluated as acceptable for continued service.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0046	B16-DWN-ID-SS	MC	PC	Bay 16, Downcomer Submerged Section Interior Surface

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-039	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0047	B16-DWN-OD-SS	MC	PC	Bay 16, Downcomer Submerged Section Exterior Surface Including Attachment Welds

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-040	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0048	B16-INT-SS	MC	PC	Bay 16, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-109	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0001	B1-DWN-ID-SS	MC	PC	Bay 1, Downcomer Submerged Section Interior Surface

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-002	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0002	B1-DWN-OD-SS	MC	PC	Bay 1, Downcomer Submerged Section Exterior Surface Including Attachment Welds

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-003	Accept	N-598	Exam Sat. Referenc UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0003	B1-INT-SS	MC	PC	Bay 1, Submerged Section, Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-101	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

**Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 04/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0004	B2-DWN-ID-SS	MC	PC	Bay 2, Downcomer Submerged Section Interior Surface	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-004	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0005	B2-DWN-OD-SS	MC	PC	Bay 2, Downcomer Submerged Section Exterior Surface Including Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-005	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0006	B2-INT-SS	MC	PC	Bay 2, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-102	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Reference CR-2008-2770 for recordable pits. Pitting was evaluated as acceptable for continued service.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0007	B3-DWN-ID-SS	MC	PC	Bay 3, Downcomer Submerged Section Interior Surface	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-006	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0008	B3-DWN-OD-SS	MC	PC	Bay 3, Downcomer Submerged Section Exterior Surface Including Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-007	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0009	B3-INT-SS	MC	PC	Bay 3, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-103	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Reference CR-2008-2770 for recordable pits. Pitting was evaluated as acceptable for continued service.

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<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0010	B4-DWN-ID-SS	MC	PC	Bay 4, Downcomer Submerged Section Interior Surface	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-008	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

**Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602

4. Commercial Service Date: 04/01/1974

2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098

5. Owner Certificate of Authorization (If Required): N/A

3. Plant Unit: 1

6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0011	B4-DWN-OD-SS	MC	PC	Bay 4, Downcomer Submerged Section Exterior Surface Including Attachment Welds

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-009	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0012	B4-INT-SS	MC	PC	Bay 4, Submerged Section, Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-104	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections. Reference CR-2008-2770 for recordable pits. Pitting was evaluated as acceptable for continued service.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0013	B5-DWN-ID-SS	MC	PC	Bay 5, Downcomer Submerged Section Interior Surface

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-010	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0014	B5-DWN-OD-SS	MC	PC	Bay 5, Downcomer Submerged Section Exterior Surface Including Attachment Welds

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-011	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0015	B5-INT-SS	MC	PC	Bay 5, Submerged Section, Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-012	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0016	B6-DWN-ID-SS	MC	PC	Bay 6, Downcomer Submerged Section Interior Surface

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-013	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0017	B6-DWN-OD-SS	MC	PC	Bay 6, Downcomer Submerged Section Exterior Surface Including Attachment Welds

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-014	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

**Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1
4. Commercial Service Date: 04/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0018	B6-INT-SS	MC	PC	Bay 6, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-015	Accept	N/A	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0019	B7-DWN-ID-SS	MC	PC	Bay 7, Downcomer Submerged Section Interior Surface

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-016	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0020	B7-DWN-OD-SS	MC	PC	Bay 7,Downcomer Submerged Section Exterior Surface Including Attachment Welds

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-017	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0021	B7-INT-SS	MC	PC	Bay 7, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Weldsand Ring Girder

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-018	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0022	B8-DWN-ID-SS	MC	PC	Bay 8, Downcomer Submerged Section Interior Surface

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-019	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0023	B8-DWN-OD-SS	MC	PC	Bay 8, Downcomer Submerged Section Exterior Surface Including Attachment Welds

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-020	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>
E4.11.0024	B8-INT-SS	MC	PC	Bay 8, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder

<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-021	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

**Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1  
 4. Commercial Service Date: 04/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0025	B9-DWN-ID-SS	MC	PC	Bay 9, Downcomer Submerged Section Interior Surface	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-022	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0026	B9-DWN-OD-SS	MC	PC	Bay 9, Downcomer Submerged Section Exterior Surface Including Attachment Welds	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-023	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E4.11.0027	B9-INT-SS	MC	PC	Bay 9, Submerged Section , Fabricated From Five (5) Plates, Including Attachment Welds and Ring Girder	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547365	VT-1	VE-S08-024	Accept	N-598	Exam Sat. Reference UCC's Final Report for Reactor Torus Underwater Inspections.

Category:	E-G	Equal: 8
Item No.:	E8.10	Equal: 8

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E8.10.0002	SIP-1-BLT	MC	PC	Stabilizer Assembly Bolting	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-1	VT-S08-081	Accept	N-598	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E8.10.0003	SIP-2-BLT	MC	PC	Stabilizer Assembly Bolting	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-1	VT-S08-082	Accept	N-598	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E8.10.0004	SIP-3-BLT	MC	PC	Stabilizer Assembly Bolting	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-1	VT-S08-083	Accept	N-598	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E8.10.0005	SIP-4-BLT	MC	PC	Stabilizer Assembly Bolting	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-1	VT-S08-084	Accept	N-598	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

**Attachment 1: Inservice Inspection Report, Interval 1, Period 3, RE24-IWE**

1. Owner, Address: Nebraska Public Power District, 1414 15th Street, Columbus, NE 68602  
 2. Plant, Address: Cooper Nuclear Station, 72626 648A Avenue, PO Box 98, Brownville, NE 68321-0098  
 3. Plant Unit: 1
4. Commercial Service Date: 04/01/1974  
 5. Owner Certificate of Authorization (If Required): N/A  
 6. National Certificate of Authorization (If Required): N/A

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E8.10.0006	SIP-5-BLT	MC	PC	Stabilizer Assembly Bolting	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-1	VT-S08-085	Accept	N-598	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E8.10.0007	SIP-6-BLT	MC	PC	Stabilizer Assembly Bolting	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-1	VT-S08-086	Accept	N-598	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E8.10.0008	SIP-7-BLT	MC	PC	Stabilizer Assembly Bolting	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-1	VT-S08-087	Accept	N-598	Exam Sat. See AREVA RE24 Manual ISI Outage Report.

<u>Summary No.:</u>	<u>Component ID:</u>	<u>Class:</u>	<u>System:</u>	<u>Component Description</u>	
E8.10.0009	SIP-8-BLT	MC	PC	Stabilizer Assembly Bolting	
<u>Work Order</u>	<u>Exam Method</u>	<u>Report No.</u>	<u>Results</u>	<u>Code Case</u>	<u>Comments / Corrective Measures</u>
4547367	VT-1	VT-S08-088	Accept	N-598	Exam Sat. Reference AREVA RE24 Manual ISI Outage Report.



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

1. Owner: Nebraska Public Power District Date: August 15, 2008  
P.O. Box 98  
Brownville, Nebraska 68321 Sheet 1 of 3

2. Plant: Cooper Nuclear Station Unit One  
P.O. Box 98  
Brownville, Nebraska 68321 N/A  
Repair Organization, P.O. No., Job No., etc.

3. Work Performed by: NPPD Type Code Symbol Stamp N/A  
P.O. Box 98 Authorization No. N/A  
Brownville, Nebraska 68321 Expiration Date N/A

4. Identification of System As shown in the Attached Table

5. (a) Applicable Construction Code As shown in the Attached Table  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements:  
2001 Edition including 2003 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components: As shown in the Attached Table

7. Description of Work: As shown in the Attached Table

8. Tests Conducted: As shown in the Attached Table

9. Remarks: :

**CERTIFICATE OF COMPLIANCE**

We certify that the statements made in this report are correct and these repairs and replacements conform to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed K. B. Thomas Acting ESD Manager Date 7/31/08  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Nebraska and Employed by Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period November 22, 2006 to May 18, 2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

K. Saltzman Commissions NB11047 A, N, I, C, NS 10094 NE  
Inspector's Signature National Board, State, Province, and Endorsements

Date July 31, 2008

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
**As required by the Provisions of the ASME Code Section XI**  
**Nebraska Public Power District**  
**Cooper Nuclear Station**  
**Unit 1, P.O. Box 98, Brownville, Nebraska 68321**

WO	R/R RECORD	SYST	Name of Component	Mfgr. Serial No	C I	Name of Manufacturer	Nat'l Board No.	Description of Work	Applicable Constr. Code	Year Built	Repaired or Replaced	ASME Code Stamp	Pressure Tests Conducted, Code Cases
4320229	04-052	REC	FCU-FC-R-1G	N/A	3	American Air Filter	N/A	Replaced Fan Coil Unit	B31.1 - 1967	1969	Replaced	N/A	System Leakage
4440988	05-072	REC	REC-CV-13CV	N/A	3	ANCHOR VALVE	N/A	Replaced Valve	B31.1 - 1967	1969	Replaced	N/A	System Leakage
4486794	06-033	RHR	RHR-Pipe	N/A	2	NPPD	N/A	Install Hydrolazing Taps	B31.7 - 1969	1969	Replaced	N/A	System Leakage
PO 4500059 334	06-044	SW	SW-CV-Spare	1-51333-A	3	WEIR VALVES	N/A	Repaired Valve	B31.1 - 1967	1969	Repaired	N/A	N/A
PO 4500058 914	06-045	SW	SW-P-Spare	2JC1131S	3	SULZER (Byron Jackson)	N/A	Repaired top case by welding blended to original contour	B31.1 - 1967	1969	Repaired	N/A	N/A
4525684	06-047	SW	SW-P-BPB	N/A	3	BYRON JACKSON	N/A	Replaced Pump	B31.1 - 1967	1969	Replaced	N/A	System Leakage
PO 4500058 809	06-048	SW	SW-P Parts	N/A	3	BYRON JACKSON/ SULZER PUMPS	N/A	Repaired Pump Columns and Discharge Head	B31.1 - 1967	1969	Repaired	N/A	N/A
PO 4500059 334	06-055	SW	SW-CV-Spare	1-51333-A	3	WEIR VALVES	N/A	Repaired Valve	B31.1 - 1967	1969	Repaired	N/A	N/A
4475035	06-056	REC	REC-P-A	CR-2008-5552	3	FAIRBANKS MORSE	N/A	Replaced Pump	B31.1-1967	1969	Replaced	N/A	System Leakage
4525734	07-006	SW	SW-EXPJ-SWBP	N/A	3	GARLOCK	N/A	Replace expansion joint	B31.1-1967	1969	Replaced	N/A	System Leakage
4522871	07-007	RHR	RHR-V-368B	N/A	2	ROCKWELL	N/A	Replaced Disc	B31.7 - 1969	1969	Replaced	N/A	N/A
4551348	07-008	RHR	RHR-CV-19CV	N/A	2	ANCHOR VALVE	N/A	Repaired Disc	B31.7 - 1969	1969	Repaired	N/A	N/A
4397761	07-009	SW	SW-P-A	8C02268	3	SULZER PUMPS	N/A	Replaced Bowl Assy.	B31.1 - 1967	1969	Replaced	N/A	System Leakage

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
**As required by the Provisions of the ASME Code Section XI**  
**Nebraska Public Power District**  
**Cooper Nuclear Station**  
**Unit 1, P.O. Box 98, Brownville, Nebraska 68321**

WO	R/R RECORD	SYST	Name of Component	Mfgr. Serial No.	C I	Name of Manufacturer	Nat'l Board No.	Description of Work	Applicable Constr. Code	Year Built	Repaired or Replaced	ASME Code Stamp	Pressure Tests Conducted, Code Cases
4397761	07-011	SW	SW-CV-10CV	2-51333-A	3	ATWOOD & MORRILL	N/A	Replaced Valve	B31.1 - 1967	1969	Replaced	N/A	System Leakage
4397761	07-012	SW	SW-EXPJ-SWPA	N/A	3	GARLOCK	N/A	Replaced Expansion Joint	B31.1 - 1967	1969	Replaced	N/A	System Leakage
4397761	07-013	SW	SW-P-A	N/A	3	NOVA Machine	N/A	Replaced Column Bolting	B31.1 - 1967	1969	Replaced	N/A	System Leakage
4547586	07-014	SW	DG-1 Intercooler	N/A	3	BDT Engineering	N/A	Replaced Intercooler	B31.1 - 1967	1969	Replaced	N/A	System Leakage
4577172	07-015	SW	SW-P-BPB	n/a	3	NPPD	N/A	Repaired Discharge Piping Flange Position	B31.1 - 1967	1969	Repaired	N/A	System Leakage
4576603	07-017	CRD	CRD-06-35	1067	1	GENERAL ELECTRIC	N/A	Replaced CRDM & Flange Bolting	B31.7 - 1969	1969	Replaced	N/A	6.MISC.502
4576613	07-018	CRD	CRD-30-31	1948	1	GENERAL ELECTRIC	N/A	Replaced CRDM & Flange Bolting	B31.7 - 1969	1969	Replaced	N/A	6.MISC.502
4578100	07-019	CRD	CRD-42-47	A5091	1	GENERAL ELECTRIC	N/A	Replaced CRDM & Flange Bolting	B31.7 - 1969	1969	Replaced	N/A	6.MISC.502
4578105	07-020	CRD	CRD-46-39	1963	1	GENERAL ELECTRIC	N/A	Replaced CRDM & Flange Bolting	B31.7 - 1969	1969	Replaced	N/A	6.MISC.502
4580410	07-021	CRD	CRD-10-07	1964	1	GENERAL ELECTRIC	N/A	Replaced CRDM & Flange Bolting	B31.7 - 1969	1969	Replaced	N/A	6.MISC.502
4580414	07-022	CRD	CRD-14-23	3244	1	GENERAL ELECTRIC	N/A	Replaced CRDM & Flange Bolting	B31.7 - 1969	1969	Replaced	N/A	6.MISC.502
4580415	07-023	CRD	CRD-18-07	A4019	1	GENERAL ELECTRIC	N/A	Replaced CRDM & Flange Bolting	B31.7 - 1969	1969	Replaced	N/A	6.MISC.502
4580416	07-024	CRD	CRD-22-31	1945	1	GENERAL ELECTRIC	N/A	Replaced CRDM & Flange Bolting	B31.7 - 1969	1969	Replaced	N/A	6.MISC.502
4580417	07-025	CRD	CRD-34-39	1412	1	GENERAL ELECTRIC	N/A	Replaced CRDM & Flange Bolting	B31.7 - 1969	1969	Replaced	N/A	6.MISC.502
4580418	07-026	CRD	CRD-38-35	1206	1	GENERAL ELECTRIC	N/A	Replaced CRDM & Flange Bolting	B31.7 - 1969	1969	Replaced	N/A	6.MISC.502

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
**As required by the Provisions of the ASME Code Section XI**  
**Nebraska Public Power District**  
**Cooper Nuclear Station**  
**Unit 1, P.O. Box 98, Brownville, Nebraska 68321**

WO	R/R RECORD	SYST	Name of Component	Mfgr. Serial No	C I	Name of Manufacturer	Nat'l Board No.	Description of Work	Applicable Constr. Code	Year Built	Repaired or Replaced	ASME Code Stamp	Pressure Tests Conducted, Code Cases
4580419	07-027	CRD	CRD-42-27	1753	1	GENERAL ELECTRIC	N/A	Replaced CRDM & Flange Bolting	B31.7 - 1969	1969	Replaced	N/A	6.MISC.502
4547080	07-028	CRD	CRD-02-23	A3975	1	GENERAL ELECTRIC	N/A	Replaced CRDM & Flange Bolting	B31.7 - 1969	1969	Replaced	N/A	6.MISC.502
4444286	07-029	RHR	RH-S29	N/A	2	BASIC/PSA	N/A	Replaced Snubber	B31.7 - 1969	1969	Replaced	N/A	N/A
4444287	07-030	RHR	RH-S71	N/A	1	BASIC/PSA	N/A	Replaced Snubber	B31.7 - 1969	1969	Replaced	N/A	N/A
4444292	07-031	RHR	RH-S69B	N/A	1	BASIC/PSA	N/A	Replaced Snubber	B31.7 - 1969	1969	Replaced	N/A	N/A
4546749	07-032	MS	MS-S63	25256	1	BASIC/PSA	N/A	Replaced Snubber	B31.7 - 1969	1969	Replaced	N/A	N/A
4546751	07-033	MS	MS-S21	841	1	BASIC/PSA	N/A	Replaced Snubber	B31.7 - 1969	1969	Replaced	N/A	N/A
4546752	07-034	RF	RF-S13	12645	1	BASIC/PSA	N/A	Replaced Snubber	B31.7 - 1969	1969	Replaced	N/A	N/A
4546753	07-035	MS	VR-S41	341	3	BASIC/PSA	N/A	Replaced Snubber	ASME III, 77'	1969	Replaced	N/A	N/A
4583607	07-036	SW	SW-Pipe	N/A	3	NPPD	N/A	Repaired Pipe	B31.1 - 1967	1969	Repaired	N/A	System Leakage
4541363	07-038	SW	SW-CV-28CV	2-53628-A	3	WEIR VALVES	N/A	Replaced Valve	B31.1 - 1967	1967	Replaced	N/A	System Leakage
4542333	07-039	SW	SW-CV-27CV	1-53628-A	3	WEIR VALVES	N/A	Replaced Valve	B31.1 - 1967	1967	Replaced	N/A	System Leakage
4533534	07-040	REC	REC-V-19	N/A	3	HENRY PRATT	N/A	Replaced Valve	B31.1 - 1967	1967	Replaced	N/A	System Leakage
4547587	07-041	SW	DG-2 Intercooler	N/A	3	BDT Engineering	N/A	Replaced Intercooler	B31.1 - 1967	1967	Replaced	N/A	System Leakage
4546748	07-042	MS	MS-S4	36781	2	ANVIL Intl.	N/A	Replaced Snubber	B31.7 - 1969	1969	Replaced	N/A	N/A
4540005	07-044	SW	SW-P-BPA	N/A	3	BYRON JACKSON	N/A	Replaced Pump	B31.1 - 1967	1969	Replaced	N/A	System Leakage
4458761	07-045	SW	SW-P-C	2JC1131S	3	BYRON JACKSON / SULZER	N/A	Replaced Bowl Assy.	B31.1 - 1967	1969	Replaced	N/A	System Leakage
4458761	07-046	SW	SW-P-C	N/A	3	BYRON JACKSON	N/A	Replaced Columns and Discharge Head	B31.1 - 1967	1969	Replaced	N/A	System Leakage
4540005	07-047	SW	SW-P-BPA	N/A	3	BYRON JACKSON	N/A	Repaired Pump	B31.1 - 1967	1969	Replaced	N/A	System Leakage

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
**As required by the Provisions of the ASME Code Section XI**  
**Nebraska Public Power District**  
**Cooper Nuclear Station**  
**Unit 1, P.O. Box 98, Brownville, Nebraska 68321**

WO	R/R RECORD	SYST	Name of Component	Mfgr. Serial No	C I	Name of Manufacturer	Nat'l Board No.	Description of Work	Applicable Constr. Code	Year Built	Repaired or Replaced	ASME Code Stamp	Pressure Tests Conducted, Code Cases
4458761	07-048	SW	SW-CV-12CV	N/A	3	ATWOOD & MORRILL	N/A	Replaced Valve	B31.1 - 1967	1969	Replaced	N/A	System Leakage
4458761	07-049	SW	SW-EXPJ-SWPC	N/A	3	GARLOCK	N/A	Replaced Expansion Joint	B31.1 - 1967	1969	Replaced	N/A	System Leakage
4458761	07-050	SW	SW-P-C	N/A	3	NOVA Machine	N/A	Replaced Column Bolts	B31.1 - 1967	1969	Replaced	N/A	System Leakage
4540005	07-051	SW	SW-P-BPA	N/A	3	BYRON JACKSON	N/A	Repaired Pump	B31.1 - 1967	1969	Replaced	N/A	System Leakage
4508937	07-052	HPCI	HPCI-CV-14CV	N/A	2	ROCKWELL	N/A	Replaced Disc	B31.7 - 1969	1969	Replaced	N/A	N/A
4546776	07-055	RHR	RH-S26	36783	2	ANVIL Intl.	N/A	Replaced Snubber	B31.7 - 1969	1969	Replaced	N/A	N/A
4546775	07-056	RHR	RH-S78A	36784	2	ANVIL Intl.	N/A	Replaced Snubber	ASME III, 77	1969	Replaced	N/A	N/A
4546774	07-057	RHR	RH-S25	36785	2	ANVIL Intl..	N/A	Replaced Snubber	ASME III, 77	1969	Replaced	N/A	N/A
4546772	07-058	RHR	RH-S41	36715	2	ANVIL Intl.	N/A	Replaced Snubber	B31.7 - 1969	1969	Replaced	N/A	N/A
4549677	07-059	RHR	RHR-RV-20RV	N/A	2	NPPD	N/A	Replaced Valve Assembly	B31.7 - 1969	1969	Replaced	N/A	Hydro & Pneumatic
4556890	07-060	RHR	RHR-RV-21RV	N/A	2	NPPD	N/A	Replaced Valve Assembly	B31.7 - 1969	1969	Replaced	N/A	Hydro & Pneumatic
4541391	07-061	RHR	RHR-RV-17RV	N/A	2	NPPD	N/A	Replaced Valve Assembly	B31.7 - 1969	1969	Replaced	N/A	Hydro & Pneumatic
4525736	07-062	SW	SW-EXPJ-SWPD	03-0510-1	3	GARLOCK	N/A	Replaced Expansion Joint	B31.1 - 1967	1969	Replaced	N/A	System Leakage
4529312	07-064	MS	MS-SRV-71SPARE	377	1	TARGET ROCK	N/A	Replaced stud and splined nut @ body-to-pilot joint	B31.7 - 1969	1969	Replaced	N/A	6.MISC.502 @ Installation
4604835	08-001	HPCI	HPCI Piping	N/A	2	NPPD	N/A	Replaced Piping	B31.7 - 1969	1969	Replaced	N/A	System Leakage
4627231	08-004	SW	SW-Pipc	N/A	3	NPPD	N/A	Repaired Piping	B31.1 - 1967	1969	Repaired	N/A	System Leakage
4541366	08-005	PC	PC-MO-231MV	N/A	2	NPPD	N/A	Replaced Flange Bolting	B31.7 - 1969	1969	Replaced	N/A	Pneumatic
4630179	08-006	SW	SW-Pipe	N/A	3	NPPD	N/A	Repaired Flanges	B31.1 - 1967	1969	Repaired	N/A	System Leakage

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WO	R/R RECORD	SYST	Name of Component	Mfgr. Serial No	C I	Name of Manufacturer	Nat'l Board No.	Description of Work	Applicable Constr. Code	Year Built	Repaired or Replaced	ASME Code Stamp	Pressure Tests Conducted, Code Cases
4631941	08-007	RWCU	RWCU-CV-15CV	N/A	1	NPPD	N/A	Repaired Valve	B31.7 - 1969	1969	Repaired	N/A	Hydrotest

Correspondence Number: NLS2008065

The following table identifies those actions committed to by Nebraska Public Power District (NPPD) in this document. Any other actions discussed in the submittal represent intended or planned actions by NPPD. They are described for information only and are not regulatory commitments. Please notify the Licensing Manager at Cooper Nuclear Station of any questions regarding this document or any associated regulatory commitments.

COMMITMENT	COMMITMENT NUMBER	COMMITTED DATE OR OUTAGE
None	N/A	N/A